

ONEOS V5.2R1E10_M2

Software Release Note

Edition 2
June 30th, 2017



Software Release Note

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1 - SPECIAL ATTENTION TO USERS

This section lists evolutions or fixes which may typically generate regressions or unexpected behavior compare to previous OneOS editions.

It is not intended to be a temporarily restrictions as listed in related section, but inform about OA decisions to implement, extend, fix functionalities which may in some situation create regressions.

CURRENT		
EDITION	PR / FR	COMMENTS
5.2R1E10_M1	# 91892 (partial mode only in E10_M1) DTMF detection as "etsi" is only accessible through CLI (no more default as FR#83877)	CLI not implemented yet, but ETSI default mode removed In the next versions the following command will be implemented to activate the ETSI RFC 2833 dtmf-detection-criterion { normal severe large etsi }

PREVIOUS (< 1 year)		
EDITION	PR / FR	COMMENTS
5.2R1E7	#73491 New AAA authentication behavior when the server is not reachable	The command 'aaa authentication login default local' is not anymore accepted by the CLI, because the word "local" is now a reserved word.
5.2R1E10	#91035 Missing of Send registrar authenticate to SBC which request the authentication	

2 - FEATURES

2.1 - New Features or new cli commands

- V5.2R1E10_M2
 - Case #91302 Possibility to upgrade Quectel EC20 module with the new Quectel Firmware
- V5.2R1E10_M1
 - Case #91892 (Partial) DTMF detection as "etsi" is only accessible through CLI
- V5.2R1E10
 - Case #42272 Changes in SHDSL EOC inventory
 - Gshdsl EOC information used the first 12 bytes of vendor serial instead of last 12.
 - Case #68035 Security - Useless ports are opened on LAN
 - Possibility to bind SNMP on interface
 - Case #78190 New Products PBX Plug 212 and PBX Plug 602 (STEP 2)
 - Case #82309 802.1X WLAN authentication - support Radius server backup (Except One300)

New commands added:

```
show dot11 statistics radius
```

- Case #82590,87974 Static routing to default gateway received by DHCP

The "ip route CLI" is amended to support the keyword "dhcp":

```
[no] ip route [vrf <vrf-name>] <destination><netmask> { <gateway> | <interface> | dhcp }  
[<distance>][track <obj-id>]
```

- Case #83730 Alternate REGISTER in voice level

New commands added or modified:

```
dial-peer/voice/voip  
  
change node registrar-index ?  
  
registrar index <any, 0..5> any by default
```

- Case #83941, 86872, 86874 Ringing cadence in case of the ringing-back coming from the line being on hold (STEP 2)

New commands added or modified:

voice-port

change node [no] modify-distinctive-ring

- Case #84373 scp server and privileges (STEP 1)

New commands added:

[no] ip scp server enable

[no] bind scp acl <acl-name>

[no] bind scp acl ipv6 <ipv6-acl>

The output of show running, show ip ssh and show bind scp were also modified due to the introduction of these new commands

- Case #84425 New Local parameter for Tacacs Authorization

CLI(configure)>aaa authorization command <level> [local] [default] {tacacs+| <group-name>}
[none]

- Case #85212 Tacacs with 2 servers accounting timing issue.

When more than one Tacacs server is configured if a Tacacs server is found down then it should not be contacted anymore.

- Case #86396 R-6 Header P-Early-Media

New commands added or modified:

dial-peer/voice/voip

add node [no] sip-early-media

- Case #86397 R-7 IP-PBX profile auto-configuration

New commands added or modified:

dial-peer/voice/voip

Add node [no] sip-ua-detection ?

regular expression of User-Agent checking

Add node validity ?

timeout in second from the range of 0 to 2592000

- Case # 86831 R-12 Control of tronboning for Sip transfer

New commands added or modified:

dial-peer/voice/voip

Add node call-transfer ?

<default | local | relay> (default:default)

sip-gateway

Add node call-transfer ?

call-transfer mode <local | relay> (default:relay)

sip-server

Add node call-transfer ?

call-transfer mode <local | relay> (default:relay)

- Case #87136 BGP SNMP traps to include neighbor IP information
- Case #88352 FXS hunt group improvements and name presentation

New commands added or modified:

voice-routing

Add node [no] hunting-cause ?

Add node add-cause Hunting route causes [01..7F] (MUST be set in hexadecimal and comma separated)

Add node add-class Hunting route class [0..7] (MUST be comma separated)

Add node remove-cause Remove hunting route causes [01..7F] (MUST be set in hexadecimal and comma separated)

- Case #88898,89200,84480,84328 Wrong Interface total equal to 50000 kb/s for ATM interface (STEP 2)
- Case #89869 Cli command "reg-dns-srv-retry-timeout" does not exist while "[no] reg-dns-srv-retry-timeout" exists

New commands added or modified:

sip-gateway

Add node reg-dns-srv-retry-timeout ?

min minimum value for random retry <0..32> [default:0]

max maximum value for random retry <0..32> [default:0]

- Case #90064,73491 CLI modified at startup - not understood after reboot & save (STEP 3)
- Case #90178 new MIB related to NBAR protocol

- V5.2R1E9

- Case #75535 SIP Session Timer feature (RFC4028) : private management extension

New commands added or modified:

```
dial-peer/voice/voip
node sip-session-refresh
    add optional parameter <rfc4028|private>

sip-gateway
node sip-session-refresh
    add optional parameter <rfc4028|private>

sip-server
node sip-session-refresh
    add optional parameter <rfc4028|private>
```

- Case #81797 Change mode protocol on ISDN BRI interface without shutting down

New commands added or modified:

```
show/voice
add node vifbri
```

- Case #82916,84869 EEM - Support for variable substitution in input for Action CLI
- Case #83049 Bridge to native VLAN and VLAN 7 in ATM-AAL5 IF at the same time
- Case #83302 No media channel opened for SIP/182 Queued

New commands added or modified:

```
dial-peer/voice/voip
node force-prack
    parameter only-in-message
        add 2 type in enumerate: 181=3|182=4

dial-peer/voice/voip
add node [no] sip-sdp-on-182
```

- Case #83658 Regex on all CLI output
- Case #83689 WPR/NAC feature improvements - ARP-PING dhcp release must

release NAC IP session

- Case #83697 WPR/NAC feature improvements - NAC "filter-id" must be mapped to a class-map
- Case #83941 Ringing cadence in case of the ringing-back coming from the line being on hold (STEP 1)

New commands added or modified:

```
voice-port  
  
add node [no] distinctive-ring  
  
add node [no] modify-distinctive-ring
```

- Case #84013 Codec negotiation in "enhanced back-2-back" mode should avoid DSP usage (STEP 1)

New commands added or modified:

```
dial-peer/voice/voip  
  
add node [no] sip-b2b-symetric-codec
```

- Case #84144 outbound proxy failover not compliant with Telstra standards

New commands added or modified:

```
sip-gateway  
  
node fqdn-resolution-protocol  
  
change parameter ttl <ttl|no-ttl|bkup-ttl>  
  
  
debug/voice  
  
add node sip-dns-srv  
  
  
sip-gateway  
  
add [no] node dns-srv-resolution  
  
  
sip-gateway  
  
add no reg-dns-srv-retry-timeout
```

- Case #84258 SIP - Support of G.722 codec

New commands added or modified:


```
h323-gateway/bandwidth-control
```

```
update parameter initial-rate <g729ab=1|g711a=4|g711u=5|g726r32=6|clear-channel=11>
```

```
sip-gateway/bandwidth-control
```

```
update parameter initial-rate <g729ab=1|g711a=4|g711u=5|g726r32=6|clear-channel=11>
```

```
sip-server/bandwidth-control
```

```
update parameter initial-rate <g729ab=1|g711a=4|g711u=5|g726r32=6|clear-channel=11>
```

```
voip-coder-profil
```

```
node codec
```

```
update parameter coder <g729ab=1|g711a=4|g711u=5|g726r32=6|clear-channel=11>
```

- Case #84480,84328 Show policy_interface isn't displaying the details if the protocol port is down (STEP 1)
- Case #84843 Use of Route-Map in Distribute-list for all routing protocol
- Case #84869 Possibility to use variable in EEM in CLI command action
- Case #85387,86460,86562,86858 Logging ssh dsa key generation
- Case #85629 R-8 SIP UA concatenation

New commands added or modified:

```
sip-gateway
```

```
add node no user-agent
```

```
sip-gateway
```

```
node user-agent
```

```
node include
```

```
add node concatenate
```

```
node hostname
```

```
add node concatenate
```

```
node manufacturer
```

```
add node concatenate
```

```
node string
```

```
add node concatenate
```

- Case #85633,86070 IBC config = ldap-server parameters are missing (similar issue as 85596)

New commands added or modified:

```
debug/voice
```

```
node sip-pkt-capture
```

```
add parameter filter
```

```
16|all=0xFFFFFFFF>
```

- Case #85676 Prevention of manual reboot if firmware not found
- Case #85919 customized release for big Notify messages in SBC nano
- Case #87503,87316 Support for 1Gbps RAD Smart SFP modules.
- Case #87775 Add possibility to capture Virtual Ethernet (psmart services) and thus 4G flow
- Cases #87963,73491 CLI modified at startup - not understood after reboot & save (STEP 2)
- Case #88136,76898 Radius messages are routed from WAN interface instead of loopback (STEP 2).

- V5.2R1E8

- Case #68008 Logging process to save boot sequence warning and errors (STEP 1)
- Case #76425 ESM flag support requested for LTE.
- Case #77610 IBC on One540 for up to 50 users
- Case #79193 [SIPConnect] R56-e Work Package Phase 3 : SIP Connect 1.1

New commands added:

```
voice-global/sip-proxy-options
```

```
add node [no]b2b_rfc3325
```

- Case #80271 [SIPConnect] R130 Work Package Phase 6 : Call Forwarding feature - SIP Connect CR01
- Case #80273 [SIPConnect] R101..105 Work Package Phase 6 : Hold/Retrieve

feature - SIP Connect CR01

New commands added/changed :

```
dial-peer/voice/voip
change node trunk_grp
add parameter trunk-type <tgrp|otg>
add parameter in <from|pai|both> [default=none]

sip-gateway
add node hold_retrieve
parameter mode <local|relay> [default:local]

sip-server
add node hold_retrieve
parameter mode <local|relay> [default:local]
```

- Case #80626,85078 Connect-timer CLI command enhancements and wrong implemented release cause for Not answered outgoing call

New commands added/changed :

```
sip-gateway
bye_timer
connect_timer
invite_response_timer
change parameter duration <0..24 hours> [default=0 no limit]
```

- Case #81644 Problem deactivating sip-tls in sip-gateway

New commands added:

```
sip-gateway
add node no sip-tls

sip-server
add node no sip-tls
```

- Case #81833 "[VQM] R-4 Add-on - SIP user agent (from the SIP ?User agent? or the ?Server? headers) "

New commands added:

```
sip-server
add node server
exclude
include
hostname
manufacturer
string
```

- Case #81994 SNMPv3 + ACL IPv6
- Case #82144 EEM applet time limitation can be modified by CLI (by default set to 20s)
- Case #82485 Behavior change: SIP NAT activation on All interfaces is no more as default - but activated with CLI. Default is now voice-related interface

New commands added:

```
voice-global/sip
add parameter nat interface <default|any> [default=default]
```

-
- Case #82745 Add LTE interface to the One525 + integration of the Sierra Wireless MC7455.
- Case #82879 CLI command <voip> dtmf-relay not in accordance with User Guide

New commands added/changed:

```
dial-peer/voice/voip
change node dtmf-relay help
```

- Case #83000 Support the use of REGEX with expanded ip community-list
- Case #83104 Support of "OTG" for SIP Trunking

New commands added:

```
dial-peer/voice/voip
add node hold_retrieve
parameter mode <default|local|relay> [default:default]sip-server
```

- Case #83157 OS upgrade case sensitive - no warning generate if file name doesn't match
- Case #83241 Package OneVoIP for low cost PRI (STEP 1)
- Case #83246 Cache forwarding for ONE270/700
- Case #83284 Radius attribute containing IP address of connecting user
- Case #83600 Support of 4G on ONE2510
- Case #84213 wrong polarity inversion in RINGBACK and remote on-hook

New commands added/changed:

```
voice-port
change node polarity-inversion
add parameter ringing-included
```

- Case #85074 Enable for compatibility, RIP timers configuration with values as "10 30 30 120" - which should be theoretically refused
- Case #85352 Wrong default values for CLI command "call-forwarding" under SIP-gateway and SIP-Server entities
- V5.2R1E7
 - Case #68553 Configuration of dialer's link-local IPv6 address AND/OR the interface identifier
 - Cases #73491,83162,71572,71686,83390 New AAA authentication behavior when the server is not reachable (STEP 1)
 - Case #76837 Increase Router protection for low memory- Case with large # of Routes - Phase 2.2 - OSPF
 - Case #76898 Web Portal Redirection and Network Access Control (NAC) required for WiFi HotSpot use case (STEP 1)
 - Case #77439 availability of "silent start" as described in ITU REC G.986
 - Case #77767 IBC: impossible to move a legacy-subscriber to a Sip-subscriber
 - Case #78391 Support the router preference option in IPv6-RA
 - Case #80626,85078 Connect-timer CLI command enhancements and wrong implemented release cause for Not answered outgoing call
 - Case #80896 CFU call forwarding
 - Case #81644 Problem deactivating sip-tls in sip-gateway

New commands added:

```

sip-gateway

add node [no] sip_tls

sip-server

add node [no] sip_tls

```

- Case #82423,80101 Support of Dual GE Uplinks on ONE1560
- Case #83104 Support of "OTG" for SIP Trunking

```

- dial-peer/voice/voip/trunk-group

(voip)>trunk-group ?

<tgrp-name>          - Set the label of the tgrp or otg trunk group

```

```
(voip)>trunk-group toto ?

<trunk-type>          - Set the type of the trunk group <tgrp | otg>

(voip)>trunk-group toto otg ?

context              - Set the label <trunk-context> of the tgrp trunk group

<msg-type>          - Set the impacted messages by tgrp trunk-group {All | Register} -
default = All

in                  - Set the impacted header by otg trunk-group {from | pai |both} -
default = none

<cr>
```

- o Case #83223 Problem with Call-ID longer then 128 byte

Call-ID length is extended to 250 bytes.

- o Case #83309 Usernames longer than 15 charac. rejected in telnet

- V5.2R1E6

- o Case #49873 CLI configuration over TR-069 : new CWMP Vendor Specific parameter/RPC. (Cisco-Like)
- o Case #68038 New CLI snmp-server tftp-server-list <ACL>

New command added:

```
snmp-server tftp-server-list <ACL>
```

- o Case #71166 Interoperability with Cisco TACACS + Service
- o Case #71313 DHCP - sub option 43.1 length verification
- o Case #73408 SIP status code change request: 480 to 486 and 500 to 480
- o Case #74403 First Messages of Critical applications not prioritized

New option added to the following commands:

```
CLI(ip-acl-ext)> permit tcp <source-address> <source-wildcard> [<source-port1> <source-
port2>]] <dest-address> <dest-wildcard> [dest-port1 [<dest-port2>]] [syn| ack | fin | urg]

CLI(ip-acl-ext)> deny tcp <source-address> <source-wildcard> [<source-port1> [<source-
port2>]]<dest-address> <dest-wildcard> [<dest-port1> [<dest-port2>]] [syn | ack | fin | urg]
```

- o Case #75030 LBB4G 4G signal quality

The definition of threshold for each of the four leds will be configured by the following CLI :

```
.....signal-quality { 2g | 3g | 4g } { rssi | rsrp } <poor> <fair> <good> <excellent>
```

The default values will be sey by the following CLI:

```
.....default signal-quality { 2g | 3g | 4g }
```

Default Values :

signal-quality 2g rssi -111, -95, -85, -75

signal-quality 3g rssi -111, -105, -99, -89

signal-quality 4g rsrp -140, -120, -105, -90

- Case #76363 IPv6 - Valid and preferred lifetimes of delegated prefixes are too long and ignore the lifetime given from WAN side.
- Case #76367 IPv6 - Router lifetime is not set to 0 (RFC 7084) when the WAN - PPPoE link is down for unknown reason
- Case #76369 IPv6 - Provider clearing of WAN PPPoE connection (randomly) did not change the old IPv6 prefix (RFC 7084)
- Case #77379 Implementation of the Quectel EC20 4G module
- Case #78190 New Products PBX Plug 212 and PBX Plug 602 (STEP 1)
- Case #78811 adding flexibility in case of misconfiguration of option 121: the router shouldn't ignore the option 3

New option added to the following commands:

```
CLI(config-if)> ip dhcp client opt121-default-route  
CLI(config-if)> no ip dhcp client opt121-default-route
```

- Case #78909 Vodafone Ge Phase 3 CWMP Requirements
- Case #79503 Monitoring USB errors and Sierra Wireless resets over time through CLI and Trap

The output of the command 'debug usb show-connected-devices' has been extended with the statistical information related to the USB errors.

- Case #79952,83217 Implementation of SIP302 to RE-INVITE conversion
- Case #79957 No AOC sending over DSS1

Following CLI node has been changed:

```
dialpeer/voice/voip/sip-aoc-ie  
Set AOC Tx mode <cpk-generic | generic | xml | raw | pulse-charge> - default: cpk-generic
```

- Case #80165 Call forwarded to offnet from ALU IP PBX connected to CNG does not have speech path
- Case #80271 SIPConnect R130 Work Package Phase 6 : Call Forwarding feature - SIP Connect CR01

Following CLI nodes have changed:

```
dialpeer/voice/voip  
(voip)>call-forwarding ?
```

```

<mode> - call-forwarding mode <default | local | relay> (default:default)
forwarded-ip - forward call to the received address in local mode
sip-gateway
(sipgw)>call-forwarding ?
<mode> - call-forwarding mode <local | relay> (default:local)
forwarded-ip - forward call to the received address in local mode
sip-server
(sipserv)>call-forwarding ?
<mode> - call-forwarding mode <local | relay> (default:local)
forwarded-ip - forward call to the received address in local mode

```

- Case #80560 MIB: Update of LBB Platform - PBX Plug 602 and 212 idem FR 80575 new Product evolution
- Case #80575 OID oacOneOsDevices in MIB ONEACCESS-GLOBAL-REG must be modified to handle all LBB devices
- Case #80805 VIA headers values separated by commas should be splitted into different Via Headers

Following CLI node has changed:

```

sip-gateway
(sipgw)>header-separated-with-comma
help: record-route,route,service-route,via SIP headers separated with commas

```

- Case #80864 SIP 302 handling with identical called number and new forwarded IPPBX in the contact header
- Case #81095 V36Q voice level
- Case #81216 Availability of IP QoS congestion-management for new packages (MULTI_IBC_FT)
- Case #82273 In PPP Authentication, extension of the #mac<i># usage wherever the string is positioned
- Case #82326 (ONE42x Only) Enabling of Cache Forwarding with current enabled/compatible services through CLI - default is OFF. Under License SP-FWD=1
- New command has been added to enable the appropriate license:

```

licence activate sp-fwd

```

- Case #82485 Behavior change: SIP NAT activation on All interfaces is no more as default - but activated with CLI. Default is now voice-related interface

```

voice-global

```


sip nat interface ?

interface - Set the NAT behavior for SIP: 'any' when set to any interface, otherwise the dedicated interface is taken into account [default:default].

- Case #84209 Enabling the display of message in the login-banner provided by TACACS+ server for TELNET and CONSOLE

- V5.2R1E5

- Case #49483 SIP AOC Teles implementation
- Case #70168 [MULTI - LBB230] Routing on the second core like LBB320/310
- Case #70532 Conditional PBR

New option added to the following commands:

```
CLI(cfg-prmap-c)> set interface <type> <unit> [track<object>]
```

```
CLI(cfg-prmap-c)> set ip next-hop <ip-address> [track<object>]
```

- Case #71252 Productclass and serialnumber suffix on default-username are not available in the virtual Template PPP
- Case #72129 Input for auto-update username & password

New CLI is implemented to enter username and password:

```
1) vxTarget(cfg-update)>username
username password
2) vxTarget(res-update)>username
username password
3) vxTarget(tar-res-update)>username
username password
4) vxTarget(sw-update)>username
```

- Case #72334 CLI Users created in V5.2 can't be used in V5.1

Following CLI has added to check with which format users have been created:

```
show password
```

- Case #73676 VQM Project Delivery

Following commands have been added:

```
[no] memory/free/low-watermark
[no] vqm
add node alarm-server
    record
    shutdown
add node no alarm-server
```

```
shutdown
show/voice/vqm/statistics
clear/voice/vqm/statistics
```

- Case #74671 Add a Gb SFP on the One425

Added SFP configuration parameters below interface gigabitethernet 1/0:

```
sfp <no negotiation>|<negotiation auto>
sfp duplex <auto|full|half>
sfp flowcontrol <on|off>
```

- Case #74672 VDSL2 daughterboard on the One700-2P
- Case #74797 Log IPsec IKEv1 Up/Down Tunnel for legal purposes via syslog

Following events have been added:

```
event filter add ipsec ikev1 phase1 <event log options>
event filter add ipsec ikev1 phase2 <event log options>
event filter add ipsec ikev1 all <event log options>
event filter add ipsec ikev2 phase1 <event log options>
event filter add ipsec ikev2 phase2 <event log options>
event filter add ipsec ikev2 all <event log options>
```

- Case #74958 Include Authorization header into initial registration.
- Case #74968 Possibility to read remotely the boot flags

Boot flag is printed in show system status output

- Case #75439 Straighten Pseudo-random function to assure no-reproducibility (between 2 devices and same device)
- Case #75484 Creation of model ONE700 1PRI A/VDSL2
- Case #75902 Creation of a MULTI/IBC package for the LBB231
- Case #77134 IOT with Ericsson IMS
- Case #77375 Automatic creation of Probe-ID for PacketSmart.
- Case #77822 MAC Filtering per SSID

Following commands have been added:

```
configure terminal
dot11 acl-method <global | per ssid>
interface dot11radio 0/0.[1-4]
    acl-mode <deny | allow | none>
    acl-add <mac-addr>
```

```
acl-del <mac-addr>
```

Sets the mode of the MAC address filtering and add entries to the list

allow: MAC filtering only allows the MAC addresses in the access list (default behaviour)

deny: MAC filtering denies the MAC address in the access list

none: MAC filtering disabled

- Case #78422 Fast-busy tone on ISDN ports
- Case #78446 Cloud Apps (main feature)

A new extension to the match command has been added to specify application instead of a combination of ip, access-list, etc.

```
CLI(config-cmap) > [no] match protocol <application name>
```

- Case #78548 add transparent behavior for * in sip-uri (private and rfc2396)
- Case #78749 Voice level V36P
- Case #78964 Support of the Sierra Wireless module MC7354 on the One1540
- Case #79995 Possibility to override the maximum-connections value (default 10000) at firewall level for all the policies/policy rules

Added command to override the maximum-connections value at policy/policy-rule level:

```
max-conns-override 'value' {percent}
```

- V5.2R1E4

- Case #66749 CLI: configuration of interfaces stored in sequential order (Part 2)
- Case #72085 mapping display name FROM / PAI
- Case #73019 Evolution of CLI "http-server user add ..."

The current CLI "http-server user add" is modified as below:

```
http-server user add <username> {<password> | serial-number} <access-level> [invite-  
password-change] [already-encrypted] [if-match-password <password>]
```

When "serial-number" keyword is entered the password value will be set with string available in the serial number field of PIA

The change of password will be done only if "if-match-password" keyword is present and if current password matches the <password> value for related <username>

- Case #73511 Support of CNAME for ISDN protocols

The following command has been modified to: (Same for BRI)

```
interface pri 5/<x>  
  isdn  
  operator { euroisdn | euronumeris | 4ess | 5ess | dms100 | ni2 | hkbn }  
  [no] cname-encode-method { protocol | raw-disp }  
exit
```

```
exit
```

- Case #73636 TR-69 “Product-Class” extension with WiFi-DB presence and 'Commercial-name' (PRQ v1 + v2)

Following CLI is enhanced

```
CLI(cwmp)>product-class-specification <specification>
```

```
<specification> - options: cert-or-mb-type|mb-type|product-name|mb-type-w|commercial-name
```

- Case #73680 SIP phone provisioning on Proxy package
- Case #73948 IBC: Follow-me fails in unloop mode
- Case #73976 IBC - Follow-up of PR#53307: call transfer initiated from ibc are not unlooped
- Case #74107 [VQM] WP1 - VQM Event - Second leg implementation

Following commands have been added to enable VQM reports :

```
conf terminal
vqm
record <rfc6035 | rfc6035-extended>    default command is rfc6035
[no] alarm-server <host | @IP>
[no] shutdown
exit
exit
```

For VQM statistics, following commands have been added:

```
clear voice vqm statistics
show voice vqm statistics
```

- Case #74161 Enhance the 3G-defect defense by giving the possibility to deactivate it by CLI - default is activated (if 3G module is present)

Following CLI commands have been added:

```
configure terminal interface pstn outgoing-call cellular-radio power-on-detection reset after
<minutes>
- range for <minutes> = 5-65535
- The device will reset after configured minutes if no module is detected.
configure terminal interface pstn outgoing-call cellular-radio no power-on-detection reset
- The device will never reset if no module is detected.
configure terminal interface pstn outgoing-call cellular-radio default power-on-detection reset
- Reset to default behaviour : <minutes> = 5
```

- Case #74396 interfaces not displayed in order while running statistics

- Case #74784 New IPPhone for IBC: Mitel 6867i replaces Aastra 6755i
- Case #74884 MWI on FXS ports - Need to support illumination via application of 90V

Following CLI change has been introduced:

```
voice-port 5/<n>
CLI(voice-port)> analog-mwi { disable | enabled } [on-hook-only | specific-tone-only | vmwi-
only | vmwi-tone] [notification | transition] [date-time | message-id | calling-type | visual-ind |
num-msg | all]
```

- Case #75909 Hook flash services with FXS

Following command has changed:

```
voice-port 5/<n>
analog-user-profile <non-intelligent | intelligent [recall-only | profile1] >
max on dialing-timer was also increase from 30s to 200s
<dialing-timer> - Set VOIP dialing timer: 1..200 (in sec.) default : 10
```

- Case #76038 SBC_NANO with trunk-group non-pilot number not allowed to place outgoing calls IPPBX to PSTN
- Case #76440 Call transfer using on hook not working

Following command has been added:

```
dial-peer voice voip <index>
CLI(dp-voip) [no] sip-hold-on-refer
```

- Case #76938 Enable tracing for usage of Packet Fragmentation outside tnet
- Case #76945 Unlimited dial tone for second call

Following option has been added:

```
voice-port 5/<n>
analog-user-profile <non-intelligent | intelligent [recall-only | profile1 | profile2] >
```

- Case #76953 New CLI command to force the signal level when the CIDCW occurs
- Case #77406 Use local memory pool instead of common memory pool in IP fragmentation
- Case #77819 Add command to include Interface-core (EAH Apps) into ZBFw zones

Following command has been introduced:

```
interface core 1
[no] ip firewall zone
```

- Case #78003 SIP Gateway is required to support the Virtual-Ethernet Interface.

Virtual-ethernet interface has been added to sip-gateway and sip-server:

```
sip-gateway
```

```
gw-interface virtual-ethernet 1 intrusive monitoring dialer-watch-list toto
no shutdown
exit
sip-server
interface virtual-ethernet 2 intrusive monitoring dialer-watch-list titi
no shutdown
exit
```

- V5.2R1E3

- Case #69226 Show statistics tacacs per server

2 cli commands are added:

```
show tacacs [vrf vrf_name]
clear tacacs [vrf vrf_name]
```

- Case #70383 Possibility to store the SNMP v3 users in a separated file (default) or in the configuration

This new CLI has been added:

```
vxTarget(configure)>snmp user-store
<storage-type> - Storage type: <file | configuration>
```

Added below new key word for all SNMP V3 user creation

```
<key-encryption> - Key encryption: clear-text (to be encrypted) | encrypted
```

Example:

```
vxTarget(configure)>snmp user usrAuthPriv_sha_aes_256 grpAuthPriv v3 priv aes 256
d53994005e8f031ae98a1353abbe93a82b33a9b2fb7772b34a34ac882cf57496
<key-encryption> - Key encryption: clear-text (to be encrypted) | encrypted
<cr>
```

- Case #72637 ONE425 Fiber
- Case #73944 ONE425 Fiber variant with 4BRI 4 FXS ports
- Case #73960 Increase Router protection when memory is too low for instance with large # of Routes - Phase 2.1 - memory water mark

New CLI command added:

```
memory free low-watermark <threshold_low> <threshold_high>
```

- Cases #74246, 74360 NetControl (QoS Framework) enhancements
- Case #74618 Force End of dialling when detecting in-bloc during an incoming call

Following command has been added:

```
interface pri 5/<n>
```

```
isdn
  [no] incoming-dialing-inblock
exit
exit
```

- Case #74784 New IPPhone for IBC: Mitel 6867i replaces Aastra 6755i
- Case #74855 ONE425 A/VDSL2 4B4V Wn
- Case #75095 Get configurable the maximum length of Called Number to be sent to the PRI PBX

Following command has been added:

```
interface pri 5/<n>
  isdn
  [no] called-nb-max-length <nb>
exit
exit
```

- Case #75304 One425 with AVDSL and Fiber
- Case #75644 Systematically put IP address of the user in remote address field of TACACS request packet
- Case #76388 allow BGP neighbor disable-connected-check

New Cli:

```
[no] disable-connected-check
```

- Case #76435 VDSL Firmware V154
- V5.2R1E2
 - Case #62331 Phonebook on Aastra phones
 - Case #65583 RFC4040: OA overwrites SDP of incoming INVITE with his own payload type

Following command has been updated:

```
CLI(sipgw)> [no] payload-64k-unrestricted <96-127> [10 | 20] [nb-redundancy <1-3>
redundancy-payload <96-127>] [asymmetric-payload | symmetric-payload]
```

where:

asymmetric-payload (default parameter): The UDI-64K is sent to remote according to the remote capacities, and the UDI-64K is received according to the programming as indicated in the SDP during the call establishment.

symmetric-payload: The UDI-64K is sent to remote endpoint and received according to the first offer (remote capacities or programming). This can apply when answering to a call initiated by the remote side.

- Case #66090 Counters in show policy-route-interface are common to policy,

whatever the interface it is applied on

- Case #69360 Congestion management issue on PBXPlugV2
- Case #70312 Support of FXS-160 daughter boards on ONE100D
- Case #70419 Package PROXY for ONE1560 with Sizing ONE90
- Case #70420 Enable SIP Proxy in MULTI Package (ONE2510) with ONE90 sizing
- Case #72951 Support of ISDN D-channel assignment & B-channel Allocation Direction

Use the following command to assign the D-channel TS on the PRI interface. To remove this function and set the default behaviour, use the no form of the command.

```
CLI(isdn)> d-channel <timeslot>
```

where "timeslot" is a number from range [1-24] for T1 and [1 – 31] for E1 with default "d-channel 16" for E1 and "d-channel 24" for T1

The coherence is done during the "no shutdown" command.

Use the following command to select the direction of the B-channel allocation for calls initiated by the ONE700 to the ISDN network when the ONE700's port acts as NT interface. To remove this function and set the default behaviour, use the no form of the command.

```
CLI(isdn)> bchan-number-order {ascending | descending}
```

The commands can be changed only when the ISDN interface is in "shutdown" status.

- Case #73168 early media not hear / no isdn setup ack when receive setup in block mode without A1 sending complete in ETSI mode

A new command is added to send back SETUP ACK instead of CALL PROC when route match on dialing without Sending Complete in other case than overlap

```
interface pri/bri 5/x
  isdn
  [no] force-setupack ! route match on dialing without Sending Complete will force sending back a SetupAck message i.o. a regular CallProc message.
```

- Case #73408 SIP status code change request: 480 to 486 and 500 to 480

Following commands have been added:

```
voice-global
  [no] map-q850-profile <n>
  [no] q850-cause <code-id> q850-cause <code-id>
```

To configure the profile used by a voice-port, set the following command. To disable the code-to-code mapping, use the no form of this command.

```
voice-port 5/<x>
  [no] map-q850-profile <n>
```

- Case #74512 for bridge as well B2B & Enhanced-B2B, re-register-after-invite-403 CLI command shall force sip-gateway to go to registering state for a 403 on

Invite_RQ

- Case #74513 For sip-proxy bridge, host portion of received P-Asserted-Identity shall be translated to defined device-host-name
- Case #74761 Enable tracking of static route inside a VRF (IPv4 - Phase 1)

All CLI commands for configuring and removing IPv4 routes in VRF are modified to take “track” as an additional parameter.

- Case #75063 hostname is missing in IPv6 options
- Cases #75668, 66334 EEMv2 Phase 2

Following commands have been added:

```
CLI(config-applet)> event [ tag <event-tag> ] syslog pattern <regular-expression> [ priority <priority-level> ] [severity <level>]
CLI(config-applet)> event [ tag <event-tag> ] timer { countdown time <seconds> | cron cron-entry <cron-entry> | watchdog time <time-value> } [ name <timer-name> ]
CLI(config-applet)> action <label> cli command <cli-string>
CLI(config-applet)> action <label> regexp string-pattern string-input [ string-match [string-submatch1] [string-submatch2] [string-submatch3] ]
CLI(config-applet)> action <label> add <variable-name | integer > <variable-name | integer >
CLI(config-applet)> action <label> multiply < variable-name | integer > <variable-name | integer >
CLI(config-applet)> action <label> subtract < variable-name | integer > <variable-name | integer >
CLI(config-applet)> action <label> set <variable-name> <integer | variable-name>
CLI(config-applet)> action <label> if $_regexp_result { eq | gt | ge | lt | le | ne } <string-op-2> goto <label-2>
CLI(config-applet)> action <label> threshold <threshold-name> alarm {set | clear} $_regexp_result { eq | gt | ge | lt | le | ne } <string-op-2> [occurs <n>] goto <label-2>
CLI(config-applet)> action <label> puts <string>
CLI(config-applet)> action <label> syslog [server <a.b.c.d> | X:X:X:X::X | hostname] [ priority <priority-level>] msg <msg-text> facility <string>
```

- Case #75786 IMA over E1 / min_active_links should be able to be set to 2
- V5.2R1E1
 - Case #59126 DHCP Request Unicast replace DHCP Discover Broadcast (after down/up ETH flap)

CLI added:

```
[no] ip dhcp [vrf <vrf-name>] client auto-restart eth
```

- Case #69771 BFD and static routes

BFD will not track the static routes with next hop type gateway and this nexthop address match the BFD neighbor address.

- Case #71738 "switchport vlan mapping remove" does not keep cos bits downstream

- Case #72497 Insufficient Flash disk space to support software upgrade from OPV
- Case #74003 New CLI command required to activate the new DHCP pool behavior in case of DHCPrequest for blank binding database

CLI added:

```
[no] nack-on-request"
```

- Case #74534 IPSec performance improvements for ONE1540/LBB230 devices

Improved usage of crypto HWA by:

performing encryption and authentication in a single pass

offloading authentication checks in ESP to the HWA

- Case #74565 Add Software License Management

Following commands have been added:

```
license key add <key_string>
license key remove [ <key_string> ]
show license key
```

- V5.2R1C13

- Case #59764 Support for SIP Session Timer RFC 4028

Following commands have been added:

```
dial-peer/voice/voip/
[no] sip-session-refresh

sip-gateway
[no] sip-session-refresh

sip-server
[no] sip-session-refresh
```

- Case #65679 Time slots configuration on PRI / possible PRI sub-interface to be used for voice-routing

Following commands have been added:

```
interface/bri/isdn
[no] channel-group
channel-no
timeslots

interface/pri/isdn
```

[no] channel-group

channel-no

timeslots

- Case #68091 RTCP-XR development

Use the following CLI commands to enable/disable this feature:

Dial-peer voice voip <n>

sig-protocol sip

[no] rtcp-xr-report { method <notify | publish> } { collector <host | @IP> }

- Case #70339 tacacs-server key doesn't allow keys longer than 46 characters

Following command has been updated to identify the server:

tacacs-server { <ipv4-address> | <ipv6-address> | <host-name> } [<auth-port>] [<key>]
[clear-text | encrypted] [timeout <1-600>] [<interface> <unit>] [vrf <vrf-name>] [**index**
<index>]

tacacs-server-key <index> [<key>] [clear-text | **encrypted**]

- Case #70396 SIP Register Authentication Behaviour

To enable/disable this feature, the new following CLI has been added:

voice-global

[no] sip-reg-refresh-opaque

- Case #70937 Support of 30 "dial-peer voice voip" interfaces

In the following commands, the range has changed from 0..7 to 0..30

dial-peer/voice/pots/implicit-routing

voip [0..30]

voip-group [0..30]

[no] dial-peer/voice/voip [0..30]

dial-peer/voice/voip/implicit-routing

voice-group [0..30]

voip [0..30]

voice-routing/route/

dial-peer voip [0..30]

voip-group [0..30]

- Case #71821 ISDN/SIP IWF - P2M - S0 bus # CNG shall release accepted Call-without-channel Call-Leg

Following commands have been added:

```
interface/bri/isdn
[no] connection-without-channel

interface/pri/isdn
[no] connection-without-channel
```

- Case #72489 Requested extension of CLI command sip-gateway user-agent

Following command has been added:

```
sip-gateway
user-agent include string field1 <> field2 <> field3 <>
```

- Case #72553 Auto-Update cannot access PPP login credentials of cellular controller profile

```
Added auto-update / use-ppp-login cellular
```

- Case #72932 SIP Trunking via SIP P-ASSERTED-ID header

Following command has been changed:

```
dial-peer/voice/voip/trunking-mode
add for parameter mode: p-asserted-id
add node incoming
```

- Case #73072 EEM v2-Phase 1

Following new actions and event got added:

```
action if
action else
action end
action add
action multiply
action set
event timer
action regexp
action if goto
```

- Case #73460 MAC address table Timeout

The following command has been added:

```
[no] bridge-group mac-learning aging-time <time in seconds>
```

- Cases #73646, 73975 Integration of the Lantiq VRX268 v151 firmware

Updated Lantiq VRX software to version: T2970/00151 06/10/14 11:37

The software contains the following FW versions:

- POTS: VDSL FW 567B06, ADSL FW 563B11

- ISDN: VDSL FW 565606, aDSL FW 567002

- o Case #74013 Voice level V36M

- V5.2R1C12

- o Case #66370 Radius request does not use specified Loopback source interface

- o Case #66749 Configuration of interfaces stored in sequential order

- o Case #67154 Performance on LBB140 on VDSL is not achieving 30/70 Mbps with CFW and QoS

- o Case #68813 Increase Router protection when memoy is too low for instance with large # of Routes

Added the CLI option to restart the neighbor during max-prefix condition.

```
neighbor {ip-address | peer-group-name}
```

```
maximum-prefix maximum [threshold] [restart restart-interval] [warning-only]
```

- o Case #69398 Cellular modem resets triggered due to network issues does not work and statistics are also not visible on LBB4G

. "show system statistics cellular 0" now shows the following extra statistics:

Module reset statistics

manually triggered resets : 0

_ini state timeouts : 0

_msInfo state timeouts : 0

internal HWR driver errors : 0

(U)SIM invalidations : 0

unsolicited resets : 0

. "show cellular-radio network" now shows the following extra statistic:

Unknown reset of modem : 0

. "show cellular-radio network" now actually counts the "Hardware reset of modem" statistic

- o Case #69688 Wifi automatic channel selection (among channels 1, 6, 11) - complement

- o Case #69739 Remote SSH command

- o Case #69838 Build On Demand instrumented versions

- o Case #71282 PCI DSS compliancy : New Events reporting Logging attempts to the

Device

Added new CLI to enable logging for login success/failure

Syntax of CLI as follows:

```
One100D-CPE(configure)>
```

login - Logging for login accounts

```
One100D-CPE(configure)>login
```

on-failure - Logging for failed logins

on-success - Logging for successful logins

```
One100D-CPE(configure)>login on-success
```

log - Enables/Disables logging for login accounts

```
One100D-CPE(configure)>login on-success log
```

```
<cr>
```

```
One100D-CPE(configure)>login on-failure
```

log - Enables/Disables logging for login accounts

```
One100D-CPE(configure)>login on-failure log
```

```
<cr>
```

- Case #72033 CWMP - Multiple trigger monitored-interface # To be taken in account, defined trigger monitored-interface shall detect an "Received known activation IP" event

```
(cwmp)>
```

```
(cwmp)>
```

source-crurl - Source interface for ConnectionRequestURL

```
(cwmp)>source-crurl
```

<if-name> - <ethernet | fastethernet | loopback | null | bri | bvi | gigabitethernet>

```
(cwmp)>
```

- Case #72914 EAH for ONE92

EAH Support for one92 boards: SATA device support and memory mapping change.

Introduction of Qflex

Only oaLinux 3.2.6 is compliant with this release.

- Case #73072 EEM v2-Phase 1 (applet exec on timer event, pattern matching in cli output, condit. exec within an applet) (Partial)
- Case #73451 new Device ONE525-2V (2FXS, 2ndCore for PacketSmart, 60 calls, 100 Kpps) (OneOS Part)

- V5.2R1C11

- Case #47190 Possibility to redirect a show tec-sup in a file on the flash

Added new file option for CLI command "show tech-sup"

```
command: show tech-sup
```

```
file - Uses file to store the result on the flash.
```

- Case #65333 SIP-NOTIFY with "CHECK-SYNC" or "RESYNC" event

A new CLI command is introduced

```
sip-gateway
```

```
[no] resync [conf-changed-only]
```

The optional parameter < conf-changed-only> indicates:

if present the router will only reboot if any of the files listed in the device configuration have changed on the HTTP server when notify is received.

if absent the router will reboot when the notify is received.

- Case #66440 MIB GDOI
- Case #67035 SNMPv3 - Encryption algorithms

New CLIs to support 3des, AES encryption protocols are added.

Example:

1. Privacy parameter configuration for Normal users based on default EngineId.

```
snmp user testu testg v3 priv
```

```
3des - Use 168 bit 3DES algorithm for encryption -- New Addition
```

```
aes - Use AES algorithm as encryption algorithm -- New Addition
```

```
des - Use DES algorithm as encryption algorithm
```

2. For updating the privacy protocol params based on the Remote EngineId / IP address, i.e for V3 Informs

```
vxTarget(configure)>snmp user testu testg v3 remote ip-address 10.4.32.219 priv
```

```
3des - Use 168 bit 3DES algorithm for encryption -- New Addition
```

```
aes - Use AES algorithm as encryption algorithm -- New Addition
```

```
des - Use DES algorithm as encryption algorithm
```

- Case #67067 xconnect-qos-map supports IPV6
- Case #67933 Request to have the command sip-183-alerting available again to resolve an no dialtone issue with old PBX

Following commands have been added:

```
Configure terminal/interface/bri/isdn
```

```
[no] progress-inband-when-rx-callproc
```

```
Configure terminal/interface/pri/isdn
```

```
[no] progress-inband-when-rx-callproc
```

- Case #68091 RTCP-XR development

Following modifications have been done on node Configure terminal/dial-peer/voice/voip

Add node [no] rtcp-xr validate the sending of RTCP-XR frames

Add node [no] rtcp-xr-report validate the sending of RTCP-XR statistics to SIP

Add parameter method <publish|notify>

Add parameter collector address where Voice Quality Report will be sent

Add parameter local-grp string up to 120 characters

Add parameter remote-grp string up to 120 characters

- Case #68093 Option 160 for auto-update

Following command has been added in Configure terminal/auto-update

```
[no] learn-url
```

New command introduced under auto-update>resource-update:

```
MyTestRouter(res-update)> post-update-action applet <id>
```

The command above executes an EEM applet after successful completion of the resource update. For the time being, the EEM applet named 'auto-update' is always called and the <id> parameter is a dummy parameter with no effect.

- Case #68245 IANA port in NetAPM

The existing flow exporter CLI command has been updated:

```
flow exporter
```

```
option application-table timeout <short>
```

```
exit
```

```
<short> parameter is an optional parameter.
```

- Case #68693 support of new AVDSL-Lantiq R7 FW ("T2972/00147 24/06/14 13:26")

Support for VDSL upstream retransmission according to G.998.4

The file ltq_vr9.bin should be placed in the /BSA/binaries directory to overrule the VRX firmware built into OneOS (when a firmware is built-in)

The retransmission parameter already exists for both adsl and vdsl, with independent action. For adsl, it can only be set for the downstream direction. For vdsl, it can now also be set for the upstream direction. To set back to its default, use the default keyword, where the next keyword upstream or downstream is now mandatory.

C11 is still compatible with previous OneAccess AVDSL-Lantiq Rx firmware.

Default value is disabled. Syntax (adsl or vdsl):

```
interface adsl
retransmission downstream <enable | disable>
default retransmission downstream
```

```
interface vdsl
retransmission downstream <enable | disable>
default retransmission downstream
```

```
interface vdsl
retransmission upstream <enable | disable>
default retransmission upstream
```


- o Case #69217 AAA Authentication request to include Vendor ID
- o Case #69360 Congestion management issue

Modifications in node Configure terminal/sip_gateway:

Add node [no] timer
 Add node receive_rtp timer of no receive rtp packets
 Add parameter duration

- o Cases # 69455, 69811, 69812 SIP over TCP and SIP TLS with SRTP (authenticated SIP negotiation and secure voice calls)

[These functionalities should be considered as Beta: not fully validated]

Part 1

```

*** sip-gateway node ***

callsig-port <port> (default: 5060) *** existing parameter for udp listening port ***
tcp-callsig-port <port> (default: 5060) *** (tcp listening port)
tls-callsig-port <port> (default: 5061) *** (tls listening port)

sip-transport <udp|tcp|tls> (default udp) *** (when sip-transport udp is selected,
command is not displayed)

tcp-release-timeout <10 - 86400> , default: 30 *** (keep-alive timer for opened tcp
connection - applies for tcp and tls mode )

*** sip-server node ***

callsig-port <port> (default: 5060) *** existing parameter for udp listening port ***
tcp-callsig-port <port> (default: 5060) *** (tcp listening port)

sip-transport <udp|tcp> (default udp) *** (when sip-transport udp is selected, command
is not displayed)

*** dial-peer voice voip node ***

[no] registration-on-tcp-failure [default: no] ***

sip-transport <udp|tcp|tls> *** (sip-transport command is always displayed)

no-sip-transport (default) *** (means that sip-transport in sip-gateway node will be
considered)

N.B.:sip-transport tls CANNOT be applied when

    first and sole occurrence in the whole config

    corresponding SIP Stack is in a "no shutdown" state. In that case, a warning message
    will be delivered.

tcp-release-timeout <10 - 86400> , default: 30 *** (keep-alive timer for opened tcp
connection - applies for tcp and tls mode )
  
```

Part 2

```

*** sip-gateway node ***

sip-tls

    authentication <unilateral|mutual|none> (default: unilateral)

    pki-profile <basename>

    re-handshake [0..86400] (default 0 = no re-handshake)

    version <all|ssl3|tls1|tls11|tls12> (default all)

[no] certificate verification validfrom [auto] (default auto)
  
```

```
[no] certificate verification validuntil [auto] (default auto)
exit
*** dial-peer voice voip node ***
sip-tls
  authentication <unilateral|mutua|none> [default: unilateral]
  pki-profile <basename>
  re-handshake [0..86400] (default 0 = no re-handshake)
  version <all|ssl3|tls1|tls11|tls12> (default all)
[no] certificate verification validfrom [auto] (default auto)
[no] certificate verification validuntil [auto] (default auto)
exit
```

Part 3

```
*** sip-gateway node ***
[no] srtp <sdes|dtls> [fallback] [crypto-profile <1..4>] (default: sdes, no fallback,
profile AES128-SHA1-80)
Note: dtls and fallback options are refused while CLI command coherence checking.
*** dial-peer voice voip node ***
[no] srtp <sdes|dtls> [fallback] [crypto-profile<1..4>]
Note: dtls and fallback options are refused while CLI command coherence checking.
*** new srtp-crypto-profile node ***
srtp-crypto-profile<1..4>
  index <1..3>
  cipher-suite <NULL-SHA1 | NULL-SHA1-32 | NULL-SHA1-80 | AES128-SHA1 | AES128-SHA1-32
| AES128-SHA1-80> [default: AES128-SHA1-80]
  exit
exit
```

- Case #69456 BPDU guard extension to block port (part 2)

Following modifications have been done to initial development:

- command "no errdisable recovery cause bpdu-guard" does not disactive the auto-recovery
- replace CLI command "no spanning-tree bpdu-guard" by "spanning-tree bpdu-guard disable"
- change error message "interface down due to an error" by "interface down due to BPDU Guard".

- Case #69893 snmp-server source interface VRRP

snmp-server unicast has been extended to

```
snmp-server unicast source {ifname | ip }
```

- Case #70167 Port-Security - limit MAC addresses per port (MAX-HOSTS configurable per port)

Feature has been completed with VLAN interfaces

- Case #70231 Detail and improve "show system hardware" (Part 1)

- Case #70317 CLI to activate / deactivate CFW

New configuration command added for enabling/disabling cwf/fastpath:

```
[no]sp-fwd
```

- Case #70422 ISDN-Analog/SIP IWF and B2B/bridge # tgrp URI parameter is ignored by SIP application
- Case #71120 Use native with other vlans in the same interface
- Case #71216 Default WiFi channel = 6 instead of 11 [4G products only]
- Case #71339 The router will reboot when attempting to configure Ethernet CFM on the Gig 1.0 interface.

Ethernet OAM is now available for MULTI packages

- Case #71713 Support of xconnect
- Case #71812 Ip-PBX to IMS direction - PAI are not treated/forwarded by sip-gateway

Following command has been added:

```
voice-global
sip-proxy-options
[no] transparent-p-asserted-id
```

- V5.2R1C10

- Case #45788 LED Status Read via CWMP
- Cases #61440,64165 CPU load counters

Added optional parameter core number in CLI command:

```
show processes cpu history ?
<i> - core number: 0 or 1
<cr>
```

- Cases #63036,70907 Load congestion management with discrimination of critical flows
- Case #64165 Display CPU usage for multicore (show, history, snmp)

MIB: Add new CPU load counters for 1s and for 1mn (new) MIBs objects for Multicore , Monocore CPU and type of CPU core (control, forwarding , mixte)

CLI: "show system status" and "show process cpu history" commands shows all information and statistics for all core used.

Added optional parameter core number in CLI command:

```
show processes cpu history ?
<i> - core number: 0 or 1
<cr>
```

- Case #67507 DATA ISDN BACKUP on PRI / MLPPP
- Case #69341 TR-098 objects needed for PPPoE credentials
- Case #69456 BPDU guard extension to block port.

Following commands have been added:

Enable bpdu Guard:

```
CLI(config-if)> spanning-tree bpduguard enable
```

Disable bpdu Guard:

```
CLI(config-if)> no spanning-tree bpduguard enable
```

Configure timer for automatic recovery:

```
errdisable recovery interval <timer_interval_in_seconds>
```

Set default value for the timer:

```
errdisable recovery interval default
```

Shows the default error-disable recovery state:

```
show errdisable recovery
```

- Case #69704 Voice level V36K
- Case #69688 Wifi automatic channel selection (among channels 1, 6, 11)

The automatic frequency selection is enabled by adding a new attribute <least_congested> on the command channel

```
interface dot11radio 0.
```

```
channel {channel number | frequency | least-congested}
```

- Case #69890 Storm-Control enhancement: limit broadcast, multicast & unknown unicast traffic to % of available bandwidth

Following command has been changed

```
CLI(config-if)>[no] storm-control {broadcast|multicast|unicast} level <level>
```

```
CLI>show interfaces [interface] counters storm-control
```

- Cases #70078,70220,70201 ADSL synchronization not stable

Updated Lantiq VRX software to version: T2970/00146 30/05/14 15:48

The software contains the following FW versions:

- POTS: VDSL FW 567B06, ADSL FW 563611
- ISDN: VDSL FW 565606, aDSL FW 567002

- Case #70471 IBC package FT on LBB141-LBB142
- Case #70997 show ip inspect sessions local does not work

Added the show command:

```
show ip inspect session local
```

- Case #71209 LBB310 part 1
 - Case #71308 New package ONEOS90-VOIP_PROXY_11N_FT
 - Case #71816 No more ONEOS10 VOIP packages except ONEOS10_SIP-11N only for 128MB device. ONEOS6 packages only for 128MB devices.
- V5.2R1C9
 - Cases #60546,70536 Extension of Switchport function official only on ONE1440 for test (not verified) on other devices

Following commands have been extended:

```
CLI(config-if)> [no] switchport vlan mapping {default | untagged | any } dot1q-tunnel <1-4095> [eth-typ { 0x9100| 0x88a8| 0x8100 }] [cos <0-7>]
```

```
CLI(config-if)> [no] switchport vlan mapping [remove] <1-4095> [eth-typ { 0x9100 | 0x88a8 | 0x8100 }] [cos <0-7>] dot1q-tunnel <1-4095> [eth-typ { 0x9100| 0x88a8| 0x8100 }] [cos <0-7>]
```

```
CLI(config-if)> [no] switchport vlan mapping any [eth-typ { 0x9100 | 0x88a8 | 0x8100 }] [cos <0-7>] drop
```

```
CLI(config-if)> [no] switchport vlan mapping inner any [eth-typ { 0x9100 | 0x88a8 | 0x8100 }] outer <1-4095> [eth-typ { 0x9100 | 0x88a8 | 0x8100 }] [cos <0-7>] dot1q-tunnel <1-4095> [eth-typ { 0x9100 | 0x88a8 | 0x8100 }] [cos <0-7>]
```

```
CLI(config-if)> [no] switchport vlan mapping [remove] inner {any | <1-4095>} [eth-typ { 0x9100 | 0x88a8 | 0x8100 }] remove outer <1-4095> [eth-typ { 0x9100 | 0x88a8 | 0x8100 }] [cos <0-7>] dot1q-tunnel <1-4095> [eth-typ { 0x9100 | 0x88a8 | 0x8100 }] [cos <0-7>]
```

- Case #60547 Disable mac-learning on bridge-group

Following commands have been introduced:

```
CLI(configure)> [no] bridge-group <1-255> mac-learning
```

- Case #61094 EOAM EFD triggered by efm bandwidth and efm bonding lines

Following commands have been added under interface configuration:

```
ethernet cfm mep mep level <0 - 7> [<inward | outward>] mpid <0 - 8191> vlan <0 - 4094> [standard <y1731 | dot1ag | hybrid>]
```

```
    [efd [active-user-speed <0-22784>]]
```

```
    [alarm-delay <2500 - 10000>] [alarm-reset <2500 - 10000>]
```

```
    [alarm-notification <all | mac-remote-error-xcon | remote-error-xcon | error-xcon | xcon | none>]
```

```
    [cos <0 - 7>]
```

```
    [rdi-tx-disable] [ccm-tx-disable]
```

```
    [ttl <1 - 255>] [inactive]
```

```
ethernet cfm mep mep level <0 - 7> [<inward | outward>] mpid <0 - 8191> vlan <0 - 4094>
```

```
[standard <y1731 | dot1ag | hybrid>
    [efd [active-link-number <1-4>]]
    [alarm-delay <2500 - 10000>] [alarm-reset <2500 - 10000>]
    [alarm-notification <all | mac-remote-error-xcon | remote-error-xcon | error-xcon |
xcon | none>]
    [cos <0 - 7>]
    [rdi-tx-disable] [ccm-tx-disable]
    [ttl <1 - 255>] [inactive]
```

- o Case #61095 MAC address filtering on Ethernet switch ports

Following commands for physical interfaces and sub-interfaces (VLAN) of the ethernet switch ports have been added:

```
CLI(config-if)> acl-mode { allow | deny | none }
CLI(config-if)> acl-add <AA>:<BB>:<CC>:<DD>:<EE>:<FF>
CLI(config-if)> acl-del <AA>:<BB>:<CC>:<DD>:<EE>:<FF>
```

- o Case #62670 DHCP Server: Management of DHCP Inform
- o Case #63036 Load congestion management with discrimination of critical flows (for LBB140 only)
- o Case #64072 Command ipv6 load-sharing per-session

Added the option "per-session" to the existing command "ipv6 load-sharing":

```
CLI(configure)>ipv6 load-sharing per-session
```

- o Case #65699 CR13 for T1 needed

Hk-tel option has been added:

```
(configure)>interface pri 5/x
(config-if)>isdn
(isdn)>operator ?
Set network operator for
EUROPE: euronumeris|euroisdn,
or USA: 4ess|5ess|dms100|ni2.
or HONG_KONG: hk-tel.
```

- o Case #65861 Increase password encryption algorithm and storing

Updated CLI commands:

```
user add <username> <password> { user | manager | administrator | <level: 0..15> }
[encrypted | type <number> | encrypted type <number> <salt> ]
user password <new-password> [ type <number> ]
```

- o Case #66459 CFM configuration based on dot1q tunnel
- o Case #67601 Suppression of sequence in ACL

New CLI command:

```
CLI(conf-acl)> no sequence [ <seq_number> | <low_seq_number> ] { <high_seq_number> }
```

- o Cases #68440,68820 Received History-Info header should be parsed, treated and computed to set Redirecting Number IE for outgoing ISDN Setup message

Following CLI has changed:

```
dial-peer voice voip 0 ?
sip-diversion-header - Select SIP method for Diversion

(voip)> sip-diversion-header ?
<method> - Select SIP method applied: <diversion [def]]history-info>

(voip)> no ?
sip-diversion-header - Disable SIP method for Diversion
```

- o Case #68541 PDP activation retries

Following nodes were added under the cellular controller node:

```
[no] pdp-activation retry <index> after min <min> max <max>
default pdp-activation retry <index>
```

- o Case #68632 4G features (phase2)

For both MC7710 and MC7750:

- always-on and dialer mode (with the QMI protocol)
- Firmware upgradability
- Multiple PDP contexts
- fallback to 2G/3G
- IPv6
- Authentication on virtual-Ethernet

- o Case #68698 (Not completed: Step 1) CLI to deactivate Fast Path [alpha delivery: CLI may changed]

```
To disable the FastPath:
no system mcdp corefp activate immediate

To enable the FastPath:
system mcdp corefp activate

FastPath is enable by default. The command show running displays the FastPath disabled
```

- Case #69608 Restore factory settings and preserve saved configuration in a parametrable path
- Following command has been added:

```
CLI(config-management)> path <path-name>
```

- Case #69766 Speed 10-100 Mb auto-negotiated

Following command has been changed:

```
CLI(config-if)> speed [10 | 100 | auto [10 | 100]]
```

- Case #70214 TR-098 objects needed for PPPoE credentials - ATM-AAL5 part
- Case #70402, #70316 CFW activation by default on the LB140
- Case #70419, #70420 Enable SIP Proxy in ONE2510 and ONE1560 with ONE540 sizing
- Case #70523 Mapping MB92 package advip_11n and proxy_11n to prepare EAH integration in MB92

- V5.2R1C8

- Case #57849 Classification of traffic using 2 access lists, one of them using "fragments" (Std Path only)
- Case #58945 Manage all interfaces on all VRFs in ipAddrTable (MIB-II)

```
clear reboot counters
```

- Case #59223 Create CLI command to clear corrupted reboot counters
- Case #61435 DPI - show command required to display the list of protocols recognized by the DPI

```
show dpi protocol-id [protocol-name]
```

- Case #61680 Possibility to export Netflow tickets towards 2 collectors

Now we can configure two exporters in a flow monitor, for example, using the following existing commands:

```
flow monitor wan_mon
record netflow-extended
exporter collector1
exporter collector2
exit
```

A new command is created to allow to configure a different flow template for each flow exporter:

```
flow exporter collector1
record netflow-compact
```



```
exit

flow exporter collector2
record netflow-extended
exit
```

If a record is specified in both flow exporter and flow monitor which are used to monitor traffic on an interface, the record of the flow exporter overwrites that of the flow monitor. That means that flow records will be reported in the format specified in the flow exporter.

- Cases #64012, #64682 Adaptive jitter

```
vxTarget>conf t
vxTarget(configure)>dial-peer voice voip 0
vxTarget(voip)>jitter-compensation adaptive
vxTarget(voip)>playout-delay
<nominal> - jitter nominal 10..1000 ms default 100 ms
vxTarget(voip)>playout-delay 80
<maximum> - jitter maximum 40..1000 ms default 200 ms
vxTarget(voip)>playout-delay 80 150
<minimum> - jitter minimum 10..80 ms default 40 ms
vxTarget(voip)>playout-delay 80 150 30
```

- Case #64652 ACSSEC - Hostname Verification (TR-069). Hostname and validity verification based on the server certificate during an SSL connection

```
conf t
cwmp
[no] acs verification hostname
[no] acs verification validFrom [auto]
[no] acs verification validUntil [auto]
exit
exit
```

- Case #64653 PPP Dialer - ACSWAN-DefAccount+DefAccountRetry

```
(config-virt-ppp)>default-username
(config-virt-ppp)>count-retry
(config-virt-ppp)>wait-time
(config-virt-ppp)>count-auth-fail
```

- Case #65008 Add of CLI command same as "spy" in tshell mode
- Case #65256 ZBFW sizing extension

Maximum number of connections in the ZbFw is hardware dependent now and configured value is checked in CLI.

- Case #65731 Least Load First method to load-balance traffic on multiple WAN links
- Case #65735 ECMP between 2 different WAN links (ADSL=PPPoE & Satellite=DHCP)
- Case #66512 Monitoring of 2 simultaneous interfaces when they are exclusive (i.e. ADSL-ATM and VDSL-PTM) - IP LED tracking

```
[no] ip led track-watch-list <WATCH-LIST NAME>
```

- Case #67308 Dimensining of EEM
- Case #67794 WXB240 with BYPASS daughter board based on MB92 motherboard
- Case #67976 Modify NAT algorithm to manage 1 for 1 static NAT (and extend the relevant 5.2R1 edition to 20000 sessions)
- Case #68362 SBC Nano sip-proxy Enhanced-B2B # While received PPI/PAI headers on sip-gateway are treated by application, they are not inserted at sip-server interface
- Case #68635 Management of POE daughter board.on One540
- Case #68668 tLDP/Pseudowire

CLI configuration commands:

```
mpls enable
mpls disable
mpls restart
mpls ldp hello-hold-timer <holdTimer>
mpls ldp keepalive-hold-timer <holdTimer>
mpls label-range <rangeStart> <rangeEnd>
mpls neighbor <peer-ip> <password>
mpls ldp router-id loopback <loopback-if | tunnel-if | ip address>
no mpls ldp hello-hold-timer
no mpls ldp keepalive-hold-timer
no mpls ldp neighbor <peer-ip>
no mpls ldp router-id
xconnect peer-ip <peer-ip> vc-id <vc-id> [ldp-peer-ip <ldp-peer-ip>] [control-word]
xconnect sublevel
backup peer-ip <peer-ip> vc-id <vc-id> [ldp-peer-ip <ldp-peer-ip>]
Status-redundancy <master|slave>
```

CLI show commands:

```
Show mpls l2transport vc
```

```
show mpls l2transport vc detail
show mpls l2transport binding
show mpls ldp neighbour
```

- Case #68680 SBC Nano sip-proxy bridge # DTMF-redundancy attribute received on sip-server interface causes a 480 SIP message
- Case #68820 SIP/ISDN IWF # Received History-Info header should be parsed, treated and computed to set Redirecting Number IE for outgoing ISDN Setup message
- Case #69506 Keep the current lantiq A/VDSL firmware stored in bsa/binaries during "CLI> restore factory-setting" operation
- V5.2R1C7
 - Case #35852 Teles: ISDN FACILITY (CFx) translated to Feature Access Code in ONE Router

mgt-service paramete added in voice-global/dialed-supp-service-profile

- Case #43869 Sip-server: no verification @IP (no) access-policy added in sip-server.
- Case #48892 DNS SRV Mechanism – redundancy.
 - add rfc2363 in sip-gateway/dns-resolution
 - add max-retries-to-failover in sip-gateway
 - add sip-force-dns-ttl in sip-gateway
- Case #50194 Invite authentication

Following has been added: **authentication-mode** in sip-server

```
Authentication modes: every <n> request(s), random
```

Use the following CLI command to set the authentication mode on sip-server:

```
sip-server
authentication-mode { 401 | 407 } [random | every <n>][method <string>]
```

where:

{ 401 | 407 }: SIP return-code to start authentication process

[random | every <n>]: optional parameter used to set the frequency of the authentication process

<string> is an ascii string of xxx (to be defined) characters containing a list of following SIP methods separated by a comma ',' character. Possible SIP methods are: register, invite.

- Cases #50353, 63621 ACL NAT and CFW sizing extension
- Case #52112 Selective reboot of DSP: Voice application Work Packagevaluenext added in voice-test-auto/function

- o Case #56532 Support of RFC 3263 related to DNS SRV features. Additional proprietary features to force the TTL values coming from DNS-A and DNS-SRV responses and to force SIP registration procedure to next outbound-proxy after SIP registration transactions failed.

“rfc3263” indicates the compliancy with rfc 3263 dns-srv behaviour

“sip-force-dns-ttl” permits to force the TTL value when receiving DNS-A and DNS-SRV

“max-retries-to-failover” permits to force registration procedure to next proxy after number of failed attempts during REGISTER transactions

```

sip-gateway
dns-resolution <first | first-only | ims | current> [timeout <1..32>] [method <all | register>]
[rfc3263]
[no] sip-force-dns-ttl <value> Range: [1 .. 8640000] in seconds
max-retries-to-failover <value> Range: [1 .. 10]

```

- o Case #58577 BGP process optimization.
- o Case #59038 Support of RFC 2543 for incoming RE INVITE for 1PCC/3PCC transfer as OXE.
- o Case #59314, #55773 Capture feature to send packets to remote Host (running netcat server) - PBE: implementation of tcpdump
- o Case #60519 Different behaviours for the BYE message

sip-bye-response changed in dial-peer/voice/voip

- o Case #61392 Fast-busy tone not supported

Following has been added:

```
(no) map-q850-profile
```

- o Cases #62682, 65162 DynDNS for private IP Address & Configuring Interval for Dyn dns

Following commands have been added:

```

[no] ip dyndns private-ip
ip dyndns update interval maximum <days: 0-365> <hours: 0-23> <minutes: 0-59> <seconds: 0-59>
no ip dyndns update interval maximum
ip dyndns update interval minimum <days: 0-365> <hours: 0-23> <minutes: 0-59> <seconds: 0-59>
no ip dyndns update interval minimum

```

- o Case #63706 Connexion in SSH enhancements.

```

Added interactive mode for providing username and password when using the SSH client.
The new way of using the ssh client is:
ssh [user[:password]@]{<hostname>|<ip_address>}.

```

When no username or password is provided, the user will be prompted for these

- o Case #63965 Detecting local CNG or remote CED/Ansam tone, Re-Invite for T38

Following command had been added:

(no) fax-detection-caller

- o Case #63988 Project: Deliver QoS HWFQ.
- o Case #63989 Project: Deliver Netcontrol.

The following new commands have been added:

1. Under 'configure terminal' mode, following new commands are introduced:

```
[no] netcontrol file <filename>
```

2. Under global mode, the following new commands are introduced:

```
show netcontrol status
```

```
show netcontrol qos-framework
```

```
show running-config netcontrol
```

```
save running-config netcontrol
```

- o Case #63990 Project: Netflow evolution Delivery
- o Case #63991 Project: Deliver OneAPM v3.1
- o Case #64084 TELEFONICA ADSL firmware for ONE410.
- o Case #65164 RTR Probe based on UDP echo instead of ICMP

The following new commands have been added in the config mode for RTR UDP echo configuration and unconfiguration:

```
[no] judpEcho dest-ipaddr <IP address> dest-port <port number> src-port <port number>
```

- o Case #65252 Disable the diversion Header

Following commands have been added:

```
(no) header-filtering
```

```
(no) deny-filter
```

- o Case #65536 WRED wrong configuration ranges for min and max threshold value

The possible ranges for min and max threshold, changed to be in accordance with the maximum value of queue-limit (= 1024):

```
min threshold: [1 .. 1024]
```

```
maxthreshold: [2 .. 1024] (low value of 2 is because max-th must be higher than min-th)
```

- o Case #66241 Voice Pre/Post Process improvement to take in account Local Area Code (LAC) support.

COLP: There are some options for local-area-code <value> <type>

```
<value> - Set local-area code:max 35 digits [0-9]
```

<type> - Set LAC-type option<calling-number|called-number|all[def]>

```
voice-global
num-plan-management
[no] local-area-code <value> <type>
exit
exit
```

- o Case #66010 CPU limitation customization

(no) sip-load-system-control changed in voice-global

- o Case #66178 dialer watch-list monitoring invalid

gw-interface changed in h323-gateway / sip-gateway / sip-server

- o Case #66186 Numplan pre and post-processing functions (as voice-routing) are not applied to divertingNr extracted from a DivertingInfoLeg2 Facility IE

(no) local-area-code has been added in voice-global/num-plan-management

- o Case #66743 One100D hardware changes to support 128M of RAM memory with a new Boot firmware
- o Case #66745 Remove AVDSL Firmware from OneOS by default in order to definitively reduce the size of generic OneOS binary and provide new process to dynamically load the AVDSL firmware (OneOs11 package only)
- o Case #66764 FastPath is deactivated during configuration.
- o Case #66770 None last fragmented IPv6 packets smaller 1280 Byte are not discarded

The global level configuration command has been added:

```
ipv6 tiny-fragments-filtering <enable|disable>
```

The default value is "disable"

- o Case #66904 Broadsoft X-FeatureControl header field shall be taken in account by the "dialed-supp-service-profile mgt-service"

```
voice-global
dialed-supp-service-profile <n>
mgt-service <local | remote> [<p-ie-display | x-featurecontrol>]; default=local
```

- o Case #67153 BFD multihop

CLI commands modified:

IPv4:

```
ip route static bfd <interface> <neighbor> [mhop] [source <source-ip>]
```

IPv6:

```
ipv6 route static bfd <interface> <neighbor> [mhop] [source <source-ip>]
```

- Case #67327 Disabling call hold for Italtel softswitch

Following have been added in voice-port <enable | ignored | rejected | ack-only> default:
enable

```
isdn-call-hold added.
```

```
isdn-call-
```

- Case #67968 Preprocessing problem

code-value parameter changed to optional in voice-global/num-plan-management/country-code

ii_prefix parameter changed to optional in voice-global/num-plan-management/international-prefix

nn_prefix parameter changed to optional in voice-global/num-plan-management/national-prefix

- Case #67943 / 67803 LED com: status adjustment on voice-port tracking-condition / LED com status on BLB1000A

Default value in

```
voice-led/track-conditions/voice-gw <any |all | no>
```

and

```
voice-led/track-conditions/voice-port <any |all | no>
```

changed to [any]

- Case #68043 Vectoring feature

The VRX software is upgraded to 0138: T2970/00138 10/12/13 16:17

This image contains the vectoring enabled firmware based on the R6 maintenance release 2 version.

VDSL FW 5.6.6.F.0.6

ADSL FW 5.6.2.7.0.1

The following 5 parameters exist for both adsl and vdsl, with independent action. They can only be set for the downstream direction. To set back to their default, use the default keyword.

1. bitswap

Default value is enabled. Syntax (adsl or vdsl):

```
interface adsl 0  
bitswap downstream <enable | disable>  
default bitswap
```

2. retransmission

Default value is disabled. Syntax (adsl or vdsl):

```
interface adsl  
retransmission downstream <enable | disable>
```

```
default retransmission
```

3. sra

Default value is dynamic. Syntax (adsl or vdsl):

```
interface adsl 0
sra downstream <atinit | dynamic | dynamicSOS>
default sra
```

4. trellis

Default value is enabled. Syntax (adsl or vdsl):

```
interface adsl 0
trellis downstream <enable | disable>
default trellis
```

5. virtualnoise

Default value is disabled. Syntax (adsl or vdsl):

```
interface adsl 0
virtualnoise downstream <enable | disable>
default virtualnoise
```

vectoring

This parameter only exists for vdsl. The default value is off. Syntax:

```
interface vdsl 0
vectoring <off | on | friendly>
default vectoring
```

- Case #68123 [Tools enhancement] ISDN Simulator CAN generate non dummy FACILITY messages

parameter test_facility_diversion added in voice-test-auto/set-flag

- V5.2R1C6

- Case #51468 IPV6 Phase 3 - Local ACL

Local ACL in IPv6:

```
CLI(configure) > [no] ipv6 local access-list <acl-name> { in | out } [<interface>]
```

- Case #57228 Netboost P2

Netbooster OneOS version is now set to 2.0.4 (was previously 2.0.0).

SBAMS is now set to 2.3 (was previously 2.1).

OneOS compatible with Netboost V2

New packetsmart release has to be released.

- Case #58521 Enhancement of WebGUI

- Case #62236 Buffers to support queue limit >50 for hardware with more than 512Mo
- Case #62735 HTTPS for Broadsoft DMS

Help message to https URL has been added to the existing URL and Index URL command for Config update , Software update, Resource update and Tar Resource update.

```
OneCPE(auto-update)>config-update 1
OneCPE(cfg-update)>url
<resource-url> - resource URL in format http://[<username>:<password>@]<path> or
https://[<username>:<password>@]<path>
OneCPE(cfg-update)>index-url
<resource-url> - resource index URL in format http://[<username>:<password>@]<path> or
https://[<username>:<password>@]<path>.
```

- Case #63224 Performance inhancements
- V5.2R1C5
 - Case #47577 Actelis MetaASSIST management integration via EOC
 - Case #49750 Issue when using CFX diversion on IAD

The new behavior allows to change/modify the calling number (CLI) if needed before processing the CFX activation/deactivation/checking process.

Use the following command to set this feature:

```
voice-global
[no] call-forwarding { <before-routing | during-routing > }
exit
```

The default command should not be shown when the CLI command "show running-configuration" is typed:

When the command is set to "before-routing", the request for CFX activation/deactivation/checking could be processed before the voice-routing process.

When the command is set to "during-routing", the request for CFX activation/deactivation/checking could be processed during the voice-routing process, after the the voice-routing in-bound process and before the voice-routing out-bound process.

- Case #49751 Register Failed

New cli command:

```
voice-global
sip-proxy-option
[no] end-to-end-registration
```

- Case #53307 External Call Forward: make free channels on router
- Cases #54714,54962,57918 Domain resolution for SIP stack

Following command has changed:

```
sip-gateway
dns-resolution <first | first-only | ims | current> [timeout <1..32>] [method <all | register>]
! default parameters = {current} & {timeout 4} & {method all}
! default command = {dns-resolution current timeout 4 method all}
```

- Case #56840 How to show green on the voice LED when some BRI are up?

```
voice-led
track-conditions
voice-port < all | any | no > [default: all].
voice-gw < all | any | no > [default: all].
exit
exit
```

- Case #58600 IAD should not release a call on reception STATUS message

Following command has changed:

```
Node <interface bri|pri> <isdn>
(isdn)>setup-ie-datetime ?
no-second - Do not set second field of ISDN Date/time IE [optional - non default value].
<cr>
(isdn)>setup-ie-datetime no-second ?
<cr>
```

- Case #59296 DNS resolution no-ttl: flush DNS entry when SBC is not reachable

```
sip-gateway
fqdn-resolution-protocol < dns | dns-srv > [<tll | no-ttl>]
```

- Case #61145 CISCO CUBE-like incoming call screening missing in Nano-SBC implementation.

```
(voip)>dial-peer voice voip 0 ?
.....
sip-incoming-uri - Define SIP inbound routing according to SIP fields
.....

vxTarget(voip)>no ?
sip-incoming-uri - Reset SIP inbound routing according to SIP fields

vxTarget(voip)>sip-incoming-uri
<field> - SIP incoming uri fields <from|to|request|via>
```

- Case #62029 Configuring T38 payload

The command added and associated to the fax packetisation is under dial-peer voice voip:

```
target(voip)>t38-ptime
```

```
<t38ptime> - fax t38 packetisation: 20,40,60ms (default 20ms)
```

```
The default value of the packetisation is 20ms, and the step 20ms.
```

- Case #62331 Directory key on Aastra phones
- Case #62370 P-Time Value for RTP Voice Coding (till 150 msec)
- Case #62668 Storm-control (Limit broadcast , multicast & unknown unicast)

New commands:

```
system deny-of-service unknown [enable|disable]
```

```
system deny-of-service unknown threshold [<value>|default]
```

configuration appears in “show running-configuration” and “show system tuning”

number of dropped unknown unicast frames are displayed in “show bridge-group”

- Case #62669 BPDU Guard

New commands:

```
spanning-tree bpdupfilter enable
```

```
no spanning-tree bpdupfilter enable
```

configuration appears in “show running-configuration” and “show bridge-group”

- Case #63287 Support of SNMPv3 read with IPv6 in VRF
- Case #63965 Outgoing fax call for T38, detecting local CNG or remote CED/Ansam tone, CPE shall send re-Invite for T38.
- Cases #64106,64386 Selective Transcoding

Following CLI changed:

```
voice-global/
```

```
sip-proxy - Configure sip proxy mode
```

```
(voice-global)>sip-proxy ?
```

```
<mode> - bridge (default) | back-to-back | bridge-transparent | enhanced-back-to-back
```

```
new param enhanced-back-to-back
```

- Case #64413 Develop the DHCP-option 119,120
- Case #64826 Insertion of site=ip.ip.ip.ip into From Header

New CLI:

```
dial-peer voice voip <n>
```

```
[no] sip-add-remote-location
```

- Case #64832 DOCSIS data-only functionality in best-effort mode
- Case #64937 MC 5.2 First Binary MB90/MB91
- Case #64973 Introduction of MB92
- Cases #65838,64595 MB420 Adsl and Vdsl / One410

Following changes have been brought to CLI:

```
interface adsl 0
activation mode {all | t1413_ghs_switching | iterate [timeout 'timeoutinsec'] }
all - all
iterate - iterate [timeout '10 - 300']
T1413_GHS_switching - T1413_GHS_switching
[no] driver parameter 'string' - dct attribute in the vrx
[no] iop 'section' 'string' - up to 20 lines possible for adsl and for vdsl
'section' - waitForConfiguration | waitForLinkActivate
interface vdsl 0
[no] driver parameter 'string' - dct attribute in the vrx
[no] iop 'section' 'string' - up to 20 lines possible for adsl and for vdsl
'section' - waitForConfiguration | waitForLinkActivate
```

- Case #66188 4G_LTE phase 1

Following CLI commands have been added:

```
"configure terminal controller cellular": create a cellular controller.
"configure terminal controller cellular apn"
"configure terminal controller cellular execute"
"configure terminal controller cellular exit"
"configure terminal controller cellular mode"
"configure terminal controller cellular protocol"
"configure terminal virtual-ethernet cellular": attach a virtual ethernet interface to cellular
```

- V5.2R1C4

- Case #55843 Description field needed in a static route

FDescription field with name keyword has been added for ip route command.

```
vxTarget(configure)>ip route vrf VRF1 6.6.6.0 255.255.255.0 1.1.1.1 10 name
Name - Up to 128 characters describing this static route
vxTarget(configure)>ip route vrf VRF1 6.6.6.0 255.255.255.0 1.1.1.1 10 name "route to one-
access"
tag - <1-4294967295> Route tag value to be matched
```

```
<cr>
vxTarget(configure)>ip route vrf VRF1 6.6.6.0 255.255.255.0 1.1.1.1 10 name "route to one-
access"
vxTarget(configure)>exit
vxTarget>
```

- Case #58170 ICMPv6 Router Solicitation not sent during IPv6 SLAAC

added an optional parameter [add-rs] to the existing command:

```
CLI(config-if)> ipv6 address autoconfig [default] [add-rs]
```

- Case #61402 New ONE90 SIP EAH package
- Case #63513 Auto-negotiation not supported with SFPs

- V5.2R1C3

- Case #50653 New definitions mapping for the SCA SLA zone
- Case #51469 ACL Reflexive filters

CLI changes include additional optional parameter reflexive:

```
CLI(config-ipv6-acl)> [no] permit ip <src-ipv6-prefix> <dst-ipv6-prefix> [dscp <0-63>] [log]
[sequence <seq>] [reflexive]
```

```
CLI(config-ipv6-acl)> [no] permit { tcp | udp } <src-ipv6-prefix> [<src-port> [<src-port-end>]]
<dst-ipv6-prefix> [<dst-port> [<dst-port-end>]] [dscp <0-63>] [log] [sequence <seq>][reflexive]
```

```
CLI(config-ipv6-acl)> [no] permit icmp <src-ipv6-prefix> <dst-ipv6-prefix> [icmp-type] [icmp-
code] [dscp <0-63>] [log] [sequence <seq>][reflexive]
```

- Case #60792 Alias command

The following new commands have been added:

```
no alias [<alias-name>]
show aliases
```

The following command has been updated to display alias config:

```
show running-config
```

- Case #61941 Support of VLAN 0 or VLAN null
- Case #62438 Limiting MAC addresses per port

At interface level (only Bvi, Fastethernet, Gigabitethernet):

```
max-hosts <max number> [<timeout (sec)>]
no max-hostShow
```

At global level:

```
show max-hosts [<interface>]
clear max-hosts [<interface>]
```

```
debug max-hosts
```

- Case #63226 vlan tag insertion / removal

New CLI command to disable the switching hardware:

```
no bridge-group hardware-bridging
```

NB: You must reboot your device after executing this command.

- Case #63256 One700 – 4E1 support
- Case #63562 ACL NAT and CFW sizing extension
- Case #63814 New package for ONE410
- Case #63829 OSPFv3 commands needs modification to make it equivalent to RIPng
 - "router ospf6" command is modified as "ipv6 router ospf"
 - Under "router ospf6" command mode "redistribute ripng" command is updated as "redistribute rip" and help is updated as "rip - IPv6 Routing Information Protocol (RIPv6)"
 - Under "router ospf6" command mode "distribute-list <name> out rip" command help is updated as "rip - IPv6 Routing Information Protocol (RIPv6)"
 - "debug ospf6" command is modified as "ipv6 router ospf"
 - Under "ipv6 router rip" command mode "redistribute ospfv3" command is updated as "redistribute ospf" and help is updated as "ospf - "OSPF - IPv6 Open Shortest Path First (OSPFv3)"
- Case #64321 Add netbooster statistics

New command is added:

```
show application netbooster statistics tcp-details/dre-details/proxy-events-details [clear]
```

Minimal version number of netbooster is 2.0.0

- Case #64529 Router shows a incorrect target device under 'show soft-file info OneOs'

- V5.2R1C2

- Case #58178 EOAM EFD on EFM 0 - outward facing MEP - routed configuration

Following are CLI commands/options supported by Dialer Watch list and EEM module to support this feature:

A. Dialer Watch list Module CLI Commands:

To support this requirement following configuration command for MEP configuration are provided under dialer watch-list:

```
CLI(configure)> dialer watch-list [logical-any | logical-all] <name>
```

New Command:

```
CLI(watch-list)> [no] mep mpid <mepld> level <meLevel> direction <inward|outward> vlan <vlanId> interface <interface-type unit>
```

B. EEM Module CLI Commands:

To support this requirement following configuration command for MEP configuration are supported on EEM track commands:

New Command:

```
CLI(configure)> track <track id> mep mpid <mepld> level <meLevel> direction <inward|outward> vlan <vlanId> interface <interface-type unit>
```

```
CLI(configure)> no track <track id>
```

Debug Commands:

```
CLI> debug track mep level <low | medium | high | verbose>
```

```
CLI> no debug track mep
```

- Case #61231 CWMP support for setting PPPoE Username and Password
- Case #61494 SFP inventory data: laser wavelength and Telekom part number shall listed in Inventory
- V5.2R1C1
 - V5.2R1B1 has been accepted for tests and is now released as V5.2R1C1
- V5.2R1B1
 - Case #60762 Change device name and SNMP MIB from ONE90 to ONE1540
 - Cases # 61587,61581 Lantiq upgrades unexpectedly on 91 Mbit down and 52 Mbit up, 300B packets

The VRX firmware image is upgraded to T2967/00128.

Lantiq API: 4.11.11-0a1

Lantiq MEI: 1.2.1

Lantiq firmwares:

fw_alt_1 -> /firmware/xcpe_548006_544401.bin

fw_alt_2 -> /firmware/xcpe_548006_544512.bin

fw_alt_3 -> /firmware/xcpe_550E06_551001.bin

fw_alt_4 -> /firmware/xcpe_534A16_535B12.bin

default POTS = fw_alt_1

default ISDN = fw_alt_2

Note that, for ISDN, the default has changed from firmware-alternate 4 to 2.

- V5.2R1B1_P2
 - Case #52036 IPV6 Phase 3 - IPV6 DNS Proxy

```
[no] ipv6 dns-proxy dns-server <IPv6_address1> [IPv6_address2] [IPv6_address3] [vrf <vrf-name>]
[no] ipv6 dns-proxy dns-server learn [vrf <vrf-name>]
[no] ipv6 dns-proxy dns-server learn priority <dhcp | ra> [vrf <vrf-name>]
[no] ipv6 dns-proxy dns-server learn from <intf1> [<intf2>] [<intf3>] [<intf4>] [vrf <vrf-name>]
[no] ipv6 dns-proxy dns-server learn default-server <IPv6_address> [vrf <vrf-name>]
[no] ipv6 dns-proxy fqdn <domain-name> use-server <IPv6_address | learnt-by > <dhcp | ra>
[no] ip dns-proxy dns-server family-priority <ipv4 | ipv6> [vrf <vrf-name>]
```

- Case #52333 Static Neighbour Discovery on IPv6

```
ipv6 neighbor <ipv6 addr> <interface> <MAC addr>
no ipv6 neighbor <ipv6 addr> <interface>
show ipv6 neighbor <ipv6 address>
```

- Case #55971 clear ip nat sessions @IP

The following command is added:

```
clear ip nat sessions <ip address>
```

- Case #58176 Ethernet OAM extension for IEEE 802.1ag

The following configuration command is added:

```
ethernet cfm cc level <lvl> vlan <vid> [interval <time>] [loss-threshold <msgs>] [cos <cos>]
[md-format <format>]
```

- Case #58688 ip nat static configuration limits and restriction

The following command is added:

```
ip nat static <inside-local> {<inside-global> | self} user-list <acl-name> [<range>]
```

- Cases #59184, #610605 Implementation of a common buffer

Following commands are added:

```
ip qos max-sessions <value> (The limits depends on the equipment)
default ip qos max-sessions
```

- Case #60595 Porting and code cleaning of NetAPM for UDcast

NetAPM is updated to v2.1.8

- Case #61285 Telnet client does not take source interface as dialer

Following parameters are now accepted for telnet command:

```
vxTarget>telnet 15.15.15.11 ?
<port> - Port number -default 23-
atm - ATM interface
bri - BRI interface
```


tunnel - Tunnel interface
 virtual-access - Virtual-Access interface
 pstn - Pstn interface
 isdn - ISDN interface
 bvi - BVI interface
 l2tunnel - L2TP Interface
 dot11radio - Dot11Radio
 loopback - Loopback interface
 fastethernet - Fastethernet interface
 ethernet - Ethernet interface
 efm - efm interface
 dialer-mlppp - Dialer-Mlppp interface
 vrf - VRF name
 gigabitethernet - Gigabitethernet interface
 <ip-version> - IP version: ipv4 | ipv6
 virtual-ethernet - IEEE 802.3 Virtual Ethernet
 dialer - Dialer interface

- Case #61444 1560 packages added
- Case #61826 Voice packages for One440 have been added

New DSP V4R6E56A and voice level updated to V36G2

- Case #62153 Add AVDSL support for one440
- Case #62188 BNG specific package has been added

- V5.2R1B1_P1

- AVDSL support is added
- Socrates SHDSL support for multi Shdsl links is added
- NetAPM is updated to v2.1.7
- Case #37542 MSAN-NT: WRED with 802.1p

Implementation of the following commands under policy-map / class:

```
CLI(..)> random-detect cos-based
CLI(...)> random-detect cos <cos-value:0..7> <min> <max> <pmark>
CLI(..)> no random-detect cos-based
CLI(..)> no random-detect cos <cos-value:0..7>
```

- Case #47416 X.31 is available on ONE100D products

- o Case #51811 IPV6 Phase 3 - ACL Inspect- StateFul

Following commands are now available to activate and configure stateful inspection:

```
CLI(configure)> [no] ipv6 inspect stateful
CLI(configure)> ipv6 inspect tcp synwait-time <seconds>
CLI(configure)> default ipv6 inspect tcp synwait-time
CLI(configure)> default ipv6 inspect tcp idle-time <seconds>
CLI(configure)> default ipv6 inspect tcp idle-time
CLI(configure)> ipv6 inspect tcp finrst-time <seconds>
CLI(configure)> default ipv6 inspect tcp finrst-time
```

Following commands for debug and statistics are available:

```
CLI> show ipv6 inspect stateful sessions
CLI> show ipv6 inspect stateful statistics
CLI> clear ipv6 inspect stateful statistics
CLI> debug ipv6 inspect stateful
```

- o Case #52915 IPv6 - ACL => Configuration with "any" instead of "::/0"

Both "any" and "::/0" are now supported in IPv6 ACL configuration for source and destinations IPv6 addresses.

- o Case #53334 IPv6 - debug => "debug ipv6 icmp" command to be implemented

"debug ipv6 icmp" command is added to show the ICMPv6 incoming and outgoing packets.

- o Case #53575 IPv6 DNS internal resolver

Following commands are available for DNS server configuration and management:

```
ip name-server <IPv4_address1> [IPv4_address2 IPv4_address3] [vrf <vrf-name>]
ipv6 name-server <IPv6_address1> [IPv6_address2 IPv6_address3] [vrf <vrf-name>]
ipv6 name-server learn-priority STATIC <1-4> DHCP <1-4> RA <1-4> IPCP <1-4> [vrf <vrfname>]
ipv6 name-server learn-priority default [vrf <vrfname>]
ip name-server family-priority [vrf <vrfname>]
ipv6 name-server family-priority [vrf <vrfname>]
```

Following commands for debug are available:

```
show ipv6 name-server [vrf <vrfname>]
show ipv6 name-server by-learn [vrf <vrfname>]
show ipv6 name-server config [vrf <vrfname>]
resolv <fqdn> [vrf <vrfname>]
debug ip name-server [vrf <vrfname>]
```

- o Case #54587 Show of distance and tag for ip route

For the command "show ip route <route>", the relevant administrative distance and tag are printed. Previously, this information was only available in the command "show debug rib"

- o Case #56673 Lack of possibility to track a subnet and/or a route with VRRP V6

Support of IPv6 destination configuration under dialer watch-list:

```
CLI(watch-list)> [no] ipv6 <address/ prefix length> [exact-match]
```

- o Case #57181 Trap and rtr

Unsupported options for action type are removed from CLI command "rtr reaction-configuration".

Below are the new list of options that will be visible for the above command:

```
vxTarget(configure)>rtr reaction-configuration 1 action-type  
none - Take No Action  
trapAndTrigger - Trap and Trigger Action  
trapOnly - Trap Only Action  
triggerOnly - Trigger Only Action
```

- o Case #57846 DHCP server option 43
- o Case #59049 Implement tunnel limitations based on SCA
- o Case #59245 Netboost P2: netbooster update via TR69
- o Case #59895 Split DNS support: new dns-proxy command needed to support separate DNS for specific domain requests

3 new command are now implemented:

```
ip dns-proxy dn <suffix> use-server <address server>  
ip dns-proxy dn <suffix> use-server learnt-by <dhpc/ipcp>  
no ip dns-proxy dn <suffix>
```

- V5.2R1A8

- o Case #42906 VoIP Gateway Intrusive mode

Following command is added:

```
intrusive-entity stability-timeout <2 - 600>
```

- o Case #48104 coder-selection-priority not functional

Use the following command to activate or deactivate the Call Admission Control (CAC) service:

```
sip-gateway[sip-server]  
[no] bandwidth-control ratio <ratio%> [rate {current-rate | max-rate}] [switch <g711-call>]  
[initial-rate <codec>]  
<codec> - Coder: g729ab | g711a | g711u | g726r32 | clear-channel | g722
```

The additional and optional parameter "initial-rate" is included to set to determine the <initial

bandwidth> value when the call is initiated.

- o Cases #51824, #51810 DHCPv6 Stateful server

New configuration commands in ipv6 dhcp pool have been added:

```
CLI(configure)> ipv6 dhcp pool <poolname>

[no] range <min-ipv6-address> <max-ipv6-address> [lifetime <valid-lifetime> <preferred-lifetime>]

[no] address <ipv6-address> <client-duid> [lifetime <valid-lifetime> <preferred-lifetime>]

[no] prefix-delegation <ipv6-prefix/prefix-length> <client-duid> [lifetime <valid-lifetime> <preferred-lifetime>]

exit
```

Added rapid-commit option:

```
CLI (config-if)>ipv6 dhcp server <pool> preference <preference value> [rapid-commit]
```

Added new CLI commands to show and clear dhcpv6 bindings:

```
CLI> show ipv6 dhcp binding [vrf <vrf-name>]

CLI> clear ipv6 dhcp binding [vrf <vrf-name>]
```

Updated CLIs for VRF support:

```
CLI(configure)>[no] ipv6 dhcp relay information check [vrf <vrf_name>]

CLI(configure)>[no] ipv6 dhcp relay source-interface <interface name unit> [vrf <vrf_name>]

CLI> show ipv6 dhcp statistics [vrf <vrf_name>]

CLI> clear ipv6 dhcp statistics [vrf <vrf-name>]
```

- o Case #51825 Prefix Delegation binding-filtering (SAVI)

To configure/delete an interface as trusted, use the following command under interface configuration menu:

```
CLI(config-if)> [no] ipv6 savi-dhcp trust
```

To enable/disable SAVI on a not trusted interface, use the following command under interface configuration menu

```
CLI(config-if)> [no] ipv6 savi-validation untrust
```

To add/delete static IPv6 entries to the SAVI binding/filtering table, use the following command in general configuration menu:

```
CLI(configure)> [no] ipv6 savi-entry <IPv6 prefix/IPv6 prefix length> <Anchor> <Interface name/Interface Unit>
```

The following debug functions have been added:

```
CLI(configure)> [no] debug ipv6 savi

show ipv6 savi

show ipv6 savi bst (binding state table)

show ipv6 savi ft (filtering table)

show ipv6 savi statistics
```

- Case #52978 TCPAM 64 & 128 over G.SHDSL.bis

Following commands to the dsl-group configuration have been added:

```
paf-fragment size <size> [64<=size<=512]
extended-rates
```

- Case #56263 IMA identifier

IMA Id is now configurable

- Case #57692 Auto-update issue with running firmware

New CLI command:

```
One150>conf t
One150(configure)>auto-update
One150(auto-update)>software-update 1
One150(sw-update)>running-software
<soft-file-name> - Running software path name
One150(sw-update)>running-software flash:/BSA/binaries/OneOs.new
```

- Case #58530 Update of CLI events

Sub-family "system" is added for "event filter add sys startup" command.

```
vxTarget(configure)>event filter add sys startup ?
<subfam> - <all | system>
<fam2> - <adsl | atmfast | atmsar | gshdsl | ima | monitor | opsys | ping | reboot | sdsl | suni |
wifi>
vxTarget(configure)>event filter add sys startup system show
```

- Case #58698 EAH is available
- Cases #58712,#56904 DNS proxy: min TTL settings

The following command has been added:

```
[no] ip dns-proxy min-ttl <0...604800>
```

- V5.2R1A7

- Cases #55347,55349 Cache forwarding is now available on EFM and dialer interfaces
- Case #57288 "ipv6 enable" is missing on isdn-dialer interface

Following commands are now supported for isdn-dialer interface:

```
[no] ipv6 enable
[no] ipv6 address prefix <ipv6-addr>/<prefix-len>
[no] ipv6 address <ipv6-address> link-local
[no] ipv6 address prefix <ipv6-addr>/<prefix-len> eui-64
```

```
[no] ipv6 address <ipv6-prefix>/<prefix-len> anycast
```

- Case #57521 "event manager run <applet-name>" CLI should not be under "configure terminal"

Event manager run applet-name is removed from "configure terminal" and moved to global mode.

The configuration is done as below:

```
vxTarget(configure)>event manager
STRING - SNMP server hostname
A.B.C.D - IPv4 address of SNMP server
X:X:X:X::X - IPv6 address of SNMP server
applet - Register an Event Manager applet
vxTarget(configure)>
```

While the usage is done as below:

```
vxTarget>event manager ?
run - Run an event manager applet
vxTarget>event manager run ?
<applet-name> - Applet name
vxTarget>event manager run applet1
vxTarget>
```

- Case #58202 SNMP debugs needs to be enhanced
- The following commands are added to enable/disable and show MIB debugs:

```
debug snmp mib
show debug mib
```

- V5.2R1A6

- Case #39699 Add possibility to configure distance in IPv6 static routes

New CLI command:

```
ipv6 route <ipv6address/mask> <ipv6address|interface> [distance]
```

- Case #56965 Force UDP on IPsec

It's now possible to configure the device to force using udp (nat-t) if the remote side supports it even when there is no nat in between.

```
[no]crypto isakmp nat-traversal udp-encapsulation force
```

- V5.2R1A4

- Cases #52032, 52034 IPv6 Phase 3 - OSPFv3 and RIPng (with VRF) Feature Implementation

- V5.2R1A1
 - Case #44745 Event Driven
 - Case #48189 Sub VPN - BFD in VRF
 - Case #50267 IPV6 - VRF OSPF
 - IPv4 - CFW L3 - ZBFW compatible
 - IPv6:
 - Interface Tunnel GRE
 - Local Policy Routing
 - BGPv4 + prefix List
 - Load Sharing per Packet
 - Reverse Path Forwarding
 - IPoEoA - PVC AAL5 - with vlan
 - ICMPv6
 - DHCPv6 Stateful client
 - Autoconf as Router
 - TCP Global config
 - PPP over ISDN
 - Others:
 - Case #47509 VRRP tracking with BFD
 - XAUTH + Mode CFG
 - VRF-RIP
 - CFW included (not tested yet)
 - Case #38841 Audiphone SIP
 - SSH Client

3 - RELEASED ONEOS BUILDS

3.1 - Binaries

The software binaries available are: **Std** (Standard)

Software Packages All						
ONEOS Binary Prefix	ADVIP	SIP	IBC (SIP trunks)	PROXY	MULTI	SPECIAL
ONEOS6	Std	Std	Std	Std, XL		
ONEOS9		Std, FT				
ONEOS10	Std	Std				
ONEOS11	Std	Std	Std	Std		
ONEOS12	Std	FT	FT	FT		
ONEOS14		FT				
ONEOS15	Std	Std	Std	Std		
ONEOS16	Std	Std, FT	Std, FT	Std, FT, XL		
ONEOS35	Std					WX
ONEOS90	Std	FT	Std	Std, FT, XL	Std, FT, IBC_FT	EAH, EAH_FT
ONEOS92				Std	Std, FT	EAH
ONEOS100DG	Std					

Note: blank cells mean that the corresponding binary is not delivered.

4 - FIRMWARES AND ASSOCIATED FILES

4.1 - Amazon FW

Amazon FW T2977/00290

Amazon ADSL annex A firmware (default) Firmware-alternate 5: 3.4.7.11.0.1

Amazon ADSL annex A firmware (default FT) Firmware-alternate 6: 3.5.4.4.1.1

Amazon ADSL annex B firmware (default) Firmware-alternate 4: 3.4.6.3.0.2

Amazon ADSL annex B firmware Firmware-alternate 3: 3.4.1.7.0.2

4.2 - Lantiq FW

Lantiq AVDSL software T2970/00156

Lantiq VDSL default firmware Firmware-alternate 1: 5.6.8.12.1.6

Lantiq ADSL annex A default firmware Firmware-alternate 1: 5.6.4.1.1.1

Lantiq VDSL default firmware Firmware-alternate 2: 5.6.5.6.0.6

Lantiq ADSL annex B default firmware Firmware-alternate 2: 5.6.7.0.0.2

4.3 - GSHDSL FW

GSHDSL FW: IDC 1.6.3.2

4.4 - Boots

Device	Minimum	Latest
ONE20D, ONE80XM, ONE100D	V3.4R3E23	V3.4R3E31
ONE100D RAM-128Mo	V3.4R3E33_X	V3.4R3E33_X
PbxPlug30	V3.4R3E33	V3.4R3E33
ONE50, ONE150	V3.4R3E25	V3.4R3E32
ONE50, ONE150 RAM-128Mo	V3.4R3E33	V3.4R3E33
ONE70, ONE270, ONE700	V3.4R3E28	V3.4R3E32
ONE151, LBB13x, ONE410	V3.4R3E32	V3.4R3E36
PbxPlug8v2	V3.4R3E36	V3.4R3E36
ONE440, ONE445	V3.4R3E36	V3.4R3E38C
ONE420	V3.4R3E37	V3.4R3E40C
ONECELL35, WXB140	V3.4R3E30	V3.4R3E30
ONE90, ON540, ONE1540, LBB23x	V5.2R2E10	V5.2R2E15C
ONE92, ONE1560, LBB32x	V5.2R2E16	V5.2R2E18C
ONE100DG, ONE1440v2	V3.4R3E30	V3.4R3E31
WXB240	V5.2R2E17	V5.2R2E17

4.5 - DSP version

V4R6E88A

4.6 - Latest MIB Delivery

Latest MIB delivery: v52r1e10

4.7 - Voice level

V36U

4.8 - NetAPM

NetAPM v3.3.3

Latest OneAPM release V3.1

4.9 - Minimum oaLinux version

oaLinux 3.2.7

4.10 - Sierra Module Support

MC7710: supported since V5.2R1C9

MC7304: supported since V5.2R1C11

MC7354: supported since V5.2R1E5

Quectel EC20 4G Wireless module: supported since V5.2R1E6

MC7455 supported since V5.2R1E8

5 - RESTRICTION OR STATUS

- BAP/BACP over BRI MLPPP is not supported
- OneAccess web configurator not tested with 802.11n
- 61284, 61915 Xconnect on Virtual Ethernet is not functional
- 62041 IPv6 routing on WiFi not supported
- 69163 Switch Port Extensions are only R&D qualified for ONEOS100DG
- 71816 - ONEOS10 and ONEOS6 packages are only delivered respectively on ONE150 and ONE100X devices with 128MB RAM
- 76331 64MB Products are no more supported as a generic usage in V5.2R1

6 - COMPLETE LOG OF CHANGES

- V5.2R1E10_M2
 - Firmwares and associated files update
 - DSP version updated to V4R6E88A
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E54, V4.3R4E54_FT8, V5.1R5E12_FT5, V5.1R5E20_FT7, V5.1R5E28_FT11 (except 84110, 85004, 84661, 88663, 89055), V5.1R5E35_FT1 (except 86271), V5.2R1C7_FT5, V5.2R1C9_FT11_T6, V5.2R1E4_FT10 (except 89574) , V5.2R1E5_FT3, V5.2R1E8_FT6
 - Delivered customer tickets:
 - Case #89961 After several days of good operation, 4G/3G connection goes down and won't come UP again on, unless device is rebooted
 - Case #90395 Call-leg to FXS voice-port triggered by voice backup mechanism is released by internal "Clear_CO" of primary BRI interface
 - Case #90788 Sometimes 4G does not reconnect (ONE540)
 - Case #90891 Change in 4G configuration profile not taken, even after reboot. Device remains inactive and not recoverable.
 - Case #91036 L2TP tunnel not established over 3G link (OK with 4G-LTE)
 - Case #91302 Possibility to upgrade Quectel EC20 module with the new Quectel Firmware

- V5.2R1E10_M1
 - Firmwares and associated files update
 - DSP version updated to V4R6E88A
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E54, V4.3R4E54_FT8, V5.1R5E12_FT5, V5.1R5E20_FT7, V5.1R5E28_FT11 (except 84110, 85004, 84661, 88663, 89055), V5.1R5E35_FT1 (except 86271), V5.2R1C7_FT5, V5.2R1C9_FT11_T6, V5.2R1E4_FT10 (except 89574) , V5.2R1E5_FT3, V5.2R1E8_FT6
 - Delivered customer tickets:
 - Case #83028 Crash in IKE task

- Case #83859,91029 Freeze the FXS port for insufficient pots groups (STEP 2)
 - Case #88261,85523 VOIP-SESSIONS UNCLEARED / Not possible to progress more than 2 calls in PRI
 - Case #88873,91282,91293 Crash caused by DSI
 - Case #89865 Line speed on virtual ethernet in 3G is unexpectedly limited at 247kbps
 - Case #90022 For xml body largest than 32 Kbytes, "ip nat service sip udp" function adds an extra "CR LF" at end of constructed body
 - Case #90052,91580,87314 Crash when ETH cable is plugged as DSI within task tNetTask (STEP 2)
 - Case #90080 VOIP sessions not closed with stress context
 - Case #90692 DSP does not free resources under voice load when sip sessions are rejected from the network
 - Case #91528 Sensitivity of DTMF detector is too high(etsi mode) and causes spurious DTMF detection .
- V5.2R1E10
 - Firmwares and associated files update
 - Voice level updated to V36U
 - DSP version updated to V4R6E88
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E54, V4.3R4E54_FT8, V5.1R5E12_FT5, V5.1R5E20_FT7, V5.1R5E28_FT11 (except 84110, 85004, 84661, 88663, 89055), V5.1R5E35_FT1 (except 86271), V5.2R1C7_FT5, V5.2R1C9_FT11_T6, V5.2R1E4_FT10 (except 89574) , V5.2R1E5_FT3, V5.2R1E8_FT6
 - Delivered customer tickets:
 - Case #42272 Changes in SHDSL EOC inventory
 - Case #72002 No tracking for interface virtual-ethernet (4G)
 - Case #73144 snmp source interface can be set in EXEC (instead of CONF) mode
 - Case #76850 "no dialer-group ip out" command not working

- Case #77088 CLI: values in the help for configuration of ip fragment is wrong
- Case #78190 New Products PBX Plug 212 and PBX Plug 602 (STEP 2)
- Case #80310 SIP Plug - Memory Allocation Error every month - memPartAlloc: block too big - suite TAC#74947
- Case #82309 802.1X WLAN authentication - request to support Radius server backup (Except One300)
- Case #82590,87974 Static routing to default gateway received by DHCP
- Case #83833 [e/ibgp]"redistribute connected" is not functioning for ipv6 add-family after clearing ipv6 bgp session, when it's enabled for both add-families
- Case #83846 show ip dhcp statistics does not count ACK sent in response to INFORM
- Case #84373 scp server and privileges (STEP 1)
- Case #84425 New Local parameter for Tacacs Authorization
- Case #84521 xml body largest than multiple of 9000 Bytes causes DSI/memory crash
- Case #84696 traceroute - ICMP TTL Exceeded and Destination Unreachable returned from secondary IP address
- Case #84871 Ingress OAM traffic counted as unknown protocols and in class-default
- Case #84945,85269 Distribute-list out for OSPFv2 is not working prefix-list
- Case #85212 Tacacs with 2 servers accounting timing issue.
- Case #85714 "bandwidth" command missing in "interface virtual-ethernet" context (STEP 2)
- Case #85995,85091 message #INFO# are displayed on console port while command "show tech-sup file" is applied
- Case #86276 Exception in Data Path Core in mcPolITsk
- Case #86754 Fragmented packets discarded when fast-path activated
- Case #86761,88291 Fxs voice-port is still detected off-hook, DDSP-session is still assigned to FXS voice-port
- Case #86855 Crash in task ZbFwFollowUp (Crash caused by: Unix-like panic called (cause : m_hardcopy_align2)): illegal data access outside scope of ZBFW.
- Case #86987 restart-on-bw-update in dialer interface nonfunctional

- Case #87134 event manager configuration change can be done outside configuration mode
- Case #87136 BGP SNMP traps to include neighbor IP information
- Case #87270 Space missing in list of interfaces for dot11radio 0/0
- Case #87282 ipv4 and ipv6 local access-list not applied correctly to loopback interface
- Case #87314 NAT performance seriously degraded with high number of active sessions (STEP 1)
- Case #87447 HTTPS certificate security too weak - no connection possible from FireFox or IE recent version
- Case #87468 Virtual ethernet interface keeps flapping on customer site for an unknown reason
- Case #87615 SW limitation for EFM/VDSL interface
- Case #87760 ip load-sharing per-session and fragments
- Case #87870 PPPoE fails to recover in a 5 WAN scenario preventing LLF traffic load-sharing to work
- Case #87881,88203 checking OneOS before reboot without oneosrun
- Case #87919 Two different names are used for the same variable "tracking identifier session"
- Case #88105 Long SIP/VIA branch parameter is not handled
- Case #88280 NAT limitation - only 30000 sessions
- Case #88332,84634,85617 ONE545 Crashes contemporarily
- Case #88398 Phantom neighbor affects BGP session
- Case #88418 Crash - cause: Unix-like panic called (cause : m_hardcopy_align2)- task: vrrpd11
- Case #88418 Crash - cause: Unix-like panic called (cause : m_hardcopy_align2)- task: vrrpd11
- Case #88493 Packets with destination an internal @IP are counted twice in "show policy-interface"
- Case #88537 set ip next-hop option not taken into account in PBR for virtual-ethernet in some specific cases
- Case #88587 ppp negotiation of atm 0.1 failed due to atm 0.2 interface in shutdown

- Case #88693 Changing the config-update download-behaviour parameter causes a reboot
- Case #88748 For "dialer watch-list" feature, it is not possible to configure an @IPv6 for a bgp neighbor
- Case #88761 message "AAA:Radius:No response.. err: S_objLib_OBJ_TIMEOUT" displayed in "debug radius" logs
- Case #88810,89074 Fail to one-way speech after CALLHOLD/RESTORE
- Case #88821 Some probe packets are randomly not sent on virtual-ethernet interface
- Case #88898,89200,84480,84328 Wrong Interface total equal to 50000 kb/s for ATM interface (STEP 2)
- Case #88922 Tlb Load Exception crash in TELNETD due to "no ip dhcp-server" config command
- Case #89016 After some hours of incoming calls, "DDSP failure 249 frames lost(ezfull) dsp" message appears
- Case #89079,89130 For a "phone_number_sz:" largest than 10 Bytes, SIP stack does not parse History-Info header
- Case #89182 HTTP session timeout not occurring
- Case #89536 Crash caused by DSI in task tNetTask; when inserted "vrf dialer" command
- Case #89669 PBR keeps the next hop learnt by dhcp when interface is down
- Case #89699,89700 After Iperf traffic routed on the interface Tunnel, ping is KO and BGP is flapping (Dual and ZBFW + Spf context)
- Case #89702 Not possible to change privilege level for parameters under "dial-peer voice voip" and in general above 3 levels.
- Case #89911 Device is not responding to ICMP while showing the output of 'show track' and waiting for user to press a key
- Case #89986 QoS repartition (%) is quite different with small change of bandwidth
- Case #89921 When disabling cfm on one of the interface the router reboots without crash dump
- Case #89961 With one "Netherlands 4G operator", 4G/3G connection goes down and won't come UP again on, unless device is rebooted (STEP 1)
- Case #89973 Sometimes with the command "show system status" the sum

between current and non critical task is false

- Case #89986 QoS repartition (%) is quite different with small change of bandwidth (19000->18816)
 - Case #90041 show policy-interface displays errors, indicating huge amount of drops which is not true
 - Case #90064,73491 CLI modified at startup - not understood after reboot & save (STEP 3)
 - Case #90178 new MIB related to NBAR protocol
 - Case #90436 memPartFree Error and Http server stuck, after change through WEBGUI of general settings
 - Case #90443, 84203 No Calls possible during Call Disconnection -> 30s Time between Disconnect and Release
 - Case #90827 no setup-ie-datetime command applied twice in OneOs
- V5.2R1E9
 - Firmwares and associated files update
 - Voice level updated to V36T
 - DSP version updated to V4R6E87A
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E54, V4.3R4E54_FT8, V5.1R5E12_FT5, V5.1R5E20_FT7, V5.1R5E28_FT10 (except 84110), V5.1R5E35, V5.2R1C7_FT5, V5.2R1C9_FT11_T6, V5.2R1E4_FT8_T7, V5.2R1E5_FT3, V5.2R1E8_FT2
 - Delivered customer tickets:
 - Case #30314 Deleting long file-names is not possible, the CLI displays that the string is too long.
 - Case #74798 debug ip pim group x.x.x.x does not work : no debug displayed
 - Case #76842,76846 [ONECell35] "dialer-group" configuration silently ignored
 - Case #77468 ACL-Remarks will be overwritten
 - Case #79810 "bridge-group" CLI-help syntax is wrong
 - Case #80661 Cannot query interface l2tunnel 25..255
 - Case #80895 interface option "Atm-aal5" is missing for command "clear

counters"

- Case #81053 "no ssid" command deletes dot11radio 0/0.1 interface
- Case #81480 netflow record shows false IP TOS = 0x00 value for incoming traffic from WAN (STEP 2)
- Case #81714 IP accounting & NAT - incoming traffic not counted
- Case #82270 Crash with multiple dialers configuration
- Case #82498 Dialer stops login attempts after changing ATM-AAL5 interface encapsulation
- Case #82838 strange /32 ghost IP routes not flushed
- Case #82916,84869 EEM - Support for variable substitution in input for Action CLI
- Case #82991 Delayed reboot requested message not displayed in telnet or ssh session
- Case #83049 Bridge to native VLAN and VLAN 7 in ATM-AAL5 IF at the same time
- Case #83084 Config restore from One425 added some lines to bsaStart
- Case #83228 one SONAME buffer lost per SSID every time a WIFI interface is shut or no shut
- Case #83302 No media channel opened for SIP/182 Queued
- Case #83658 Regex on all CLI output
- Case #83689 WPR/NAC feature improvements - ARP-PING dhcp release must release NAC IP session
- Case #83697 WPR/NAC feature improvements - NAC "filter-id" must be mapped to a class-map
- Case #83799 Default route remains in routing table even if corresponding IF is shutdown
- Case #83806 Bad message "DHCPv6 relay running on interface bvi1, aborting"
- Case #83843 Unexpected error messages displayed in VRRP IPV6 when router role switch from master to backup
- Case #83877 DTMF detection during dialing and DTMF transmission is now conform to "etsi"
- Case #83946 Radius - wrong debug AAA message when "no radius-server"

command has no effect

- Case #83947 ip dhcp excluded-address for a range not accepted in case of one ip already excluded
- Case #84013 Codec negotiation in "enhanced back-2-back" mode should avoid DSP usage (STEP 1)
- Case #84097 BYE too quickly sent by IBC when a trunk ringback_message is enabled
- Case #84144 outbound proxy failover not compliant with Telstra standards
- Case #84163 CLI how to check whether sp-fwd is enabled or not (show command)
- Case #84329 OSPF inter area stub routes are not taken into OSPF database after clearing OSPF process
- Case #84480,84328 Show policy_interface isn't displaying the details if the protocol port is down (STEP 1)
- Case #84493 "ip led track-interface L2tunnel 1" gets lost
- Case #84536 fast-path remain in inactive state after debug + no debug all
- Case #84705 [OSPFv3]OIA route learnt from 2 ABRs which are connected in same area with DUT gets removed after clearing OSPF
- Case #84843 Use of Route-Map in Distribute-list for all routing protocol
- Case #84869 Possibility to use variable in EEM in CLI command action
- Case #84931 [OSPFv3]Device is choosing default VRF's ip add as router-id for non-default VRF & vice-versa
- Case #85145,85138 "debug ip nac" dramatically slows down router
- Case #85188 BRI in tei-negotiation mixed mode - layer 1 remains UP after cable unplugged
- Case #85192 [OSPFv3]Distribute-list is getting applied for all available CLI options, in OUT case without adding them
- Case #85194 Cache-forwarding displaying unexpected message when ACL IN/OUT applied on Uplink (CF: not enough stats allocated,session can't be attached)
- Case #85208 "clear ip nac sessions" crashes the router
- Case #85210 DEBUG IP NAC not displayed with a "show debug" command
- Case #85264 Unable to remove an IPv6 Prefix from OSPFv3 database

- Case #85341 Unexpected IPSEC SA's created after reboot
- Case #85345 Tacacs keys available in clear text in the SNMP MIB
- Case #85387,86460,86562,86858 Logging ssh dsa key generation
- Case #85392,85015 Incorrect output of command "show dpi protocol-id <name>" when dpi port-map configured
- Case #85400 For routed Invite_RQ issued from extracted Contact header of 302 (Call-forward local), remote address is not determined
- Case #85420,90432 No IP in & out on FastEthernet 0/0
- Case #85421 SHOW IP NAC REDIRECT sometimes fails and crashes router
- Case #85501 L2Tunnel interface "bandwith" keyword doesn't accept values bigger than 10000
- Case #85550 Crash observed in the Tokheim setup OAB: memory leak in CWMP.
- Case #85658,86018,86042 During voice calls it occurs that MoH is not played after pressing "on hold" or "conf" or "transfert"
- Case #85676 Prevention of manual reboot if firmware not found
- Case #85697 QoS drops packets
- Case #85714 "bandwidth" command missing in "interface virtual-ethernet" context (STEP 1)
- Case #85716 "ip telnet disable" CLI command is not applied by a cwpw Download for Vendor Configuration File
- Case #85720 SP-FWD "show ip cache-forwarding statistics" and others are not available in ADVIP release
- Case #85735 L2Tunnel interface shaping doesn't work
- Case #85796 SHDSL EFM controller config failure
- Case #85861 Output of 'show cwpw' can contain invalid ASCII characters for the "CWMP Logs available:" chapter.
- Case #85869 [LBB14x - V5.2] Configuration upgrade failure through ACS
- Case #85919 Brennercom customized release for big Notify messages in SBC nano
- Case #85924 high count of SONAME buffer lost - net-pool common leak - risk of freeze

- Case #85935 E28_FT6 crash by DSI in tVoiceVOIP - H323 context
- Case #85991 partly corrupted output for "show tech-support file" when command is executed from SNMP
- Case #86030 Incoming call through ADSL makes One700 crash
- Case #86033 For B2B/enhanced-B2B setting, Service-Route/Record-Route received by sip-gateway is applied by sip-server
- Case #86059 encrypted BGP password length
- Case #86119 WiFi LED status - wrong behavior
- Case #86120 "exec -echo" command stopped after " ! "encountered 23 times
- Case #86142 Error message when configuring ipv6 dhcp
- Case #86185 Route to tunnel destination not properly updated on virtual-ethernet interface (with customer config)
- Case #86244 second fragment lost in a NAT context (works well if monitor capture running)
- Case #86276,77656 Exception in Data Path Core in mcPollTsk
- Case #86369 No accounting message sent to a AAA when command "reboot" is launched
- Case #86446,88220 ZBF feature is not supported on virtual-ethernet interface
- Case #86542 CLI help incomplete in distribute-list RIP
- Case #86564,86565 Wrong counter (0 instead of 1) associated to diversion field in SIP
- Case #86636,84540 Crash in dyndnsd task (Crash caused by : Assertion failed: adrs_is_valid(p) in function do_check_inuse_chunk file /tmp/gnutools/10136/target/config/comps/src/oaComps/system/memoryMgr/oaSysMemMgr.c, line 2486)
- Case #86698 EFM interface missing in PBR for command "set ip next-hop-dhcp-default-router "
- Case #86724 Config reviewed due to encrypted radius-server password longer than 64 characters
- Case #86766 Timer expiring during BRI component initialization causing BRI freeze
- Case #86948 Inconsistent CLI value for "Tracking Identifier session number"

- Case #87110 ISDN FACILITY message of Call forward is not mapped into sip-diversion header in voice level V35 and V36
- Case #87128 Unattended ISDN BRI call transfer fails (Blind call transfert)
- Case #87232 SBC NANO - Call to Hunt Group - packet drop on sip-gateway & sip-server - CPU limitation
- Case #87235 "Show sntp" output not correctly displayed in column
- Case #87390 DNS SRV failover mechanism, missing "init" step causes too many register retries
- Case #87399 Crash - task tVoiceVOIP - caused by Assertion failed: adrs_is_valid(p) in function do_check_inuse_chunk - External Watchdog
- Case #87415 inappropriate messages Wifi error message after a wrong configuration
- Case #87440 IPv6 access List - sequence # doesn't work as expected
- Case #87503,87316 Support for 1Gbps RAD Smart SFP modules.
- Case #87505 One270 gig interface freeze on RFC 2544
- Case #87534 SDP offer containing 2 "media" lines shall be answered for 2 "media" lines
- Case #87620 OSPFv3 : configuring on BVI interface non functional
- Case #87658,87675 OSPFv3 stopped working
- Case #87775 Add possibility to capture Virtual Ethernet (psmart services) and thus 4G flow
- Case #87947 Crash - cause: DSI, task: tNetTask; PC=0x00b3f560 (oaEthSwTest + 0xC828C)
- Cases #87963,73491 CLI modified at startup - not understood after reboot & save (STEP 2)
- Case #88136,76898 Radius messages are routed from WAN interface instead of loopback (STEP 2).
- Case #88307 Static /32 route using virtual-ethernet interface is unable to route corresponding traffic
- Case #88419,85423 Contact field of 302 Moved Temporarily ignores the ToN national of ISDN facility
- Case #89170 Crash -cause: DSP failure dsp:0: Abort Error: AllocExtBuf OutOfMemory -task: DDSPUser0

- Case #89554 Daily morning crash tNetTask
- Case #89660 reboots with specific config

- V5.2R1E8
 - Firmwares and associated files update
 - Voice level updated to V36S
 - DSP version updated to V4R6E85
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E54, V4.3R4E54_FT8, V5.1R5E12_FT5, V5.1R5E20_FT7, V5.1R5E28_FT8, V5.1R5E33, V5.2R1C7_FT5, V5.2R1C9_FT11_T6, V5.2R1E4_FT6, V5.2R1E5_FT3
 - Delivered customer tickets:
 - Case #60598 TCP sessions in FIN_WAIT_2 state after failed CWMP download
 - Case #68008 Logging process to save boot sequence warning and errors (STEP 1)
 - Case #69274 Catch(DBG DB Mem) "memPartFree: invalid block" in tDhcp6sTask with Dialer and DHCPv6 context
 - Case #74027 crash by DSI in TELNETD - maybe due to show ip route command
 - Case #74988,84669,85386 Unable to get access to OWA home page from client connected from WiFi
 - Case #76425 "ESM flag" support requested for LTE.
 - Case #77750 crash DSI in tNetTask
 - Case #79136 Syslog message format problem
 - Case #79912 Bad value for IF-MIB::ifDescr.5701 = STRING: Pstn2/0.-1
 - Case #80860 Banner extension - too many blank lines
 - Case #80975 Crash seen during reproduce of PR 79705 in tEmCliExecTask
 - Case #81424 FATAL ERROR : 0xFCC0FCC0 - tNet task stuck, current job=0x00000000 last job=0x001832a8
 - Case #81810 30 seconds after EFM going down the message 'Consecutive

Tx Stall Defense Activated' is dumped and all traffic is blocked for 2 seconds

- Case #81994 SNMPv3 + ACL IPv6
- Case #82020 Description of ATM-AAL5 sub interfaces changes ATM-AAL5 interface description
- Case #82022 Too many sip registration requests
- Case #82144 EEM applet time limitation can be modified by CLI (by default set to 20s)
- Case #82263,82431,82575 QoS of default VRF have better performances than other VRFs
- Case #82745 Add LTE interface to the One525 + integration of the Sierra Wireless MC7455.
- Case #82858 OSPF : nonconformity to RFC
- Case #82867 cwmp issue - LocalTimeZoneName path not found
- Case #82868 cwmp issue - "InternetGatewayDevice.ManagementServer" instance - No sub tree found !
- Case #82871 Crash caused by : Unix-like panic called (cause : arpintr) --- foolowing PR#81430
- Case #82961 UDP Encapsulated ESP packet discarded when checksum value is not null
- Case #83000 Support the use of REGEX with expanded ip community-list
- Case #83101,84277 crashed in task tEemCliExecTask
- Case #83157 OS upgrade case sensitive - no warning generate if file name doesn't match
- Case #83236,83112 'Can't open input file "flash:/BSA/bsaPersist.ini"' when entering configuration mode
- Case #83241 Package OneVoIP for low cost PRI (STEP 1)
- Case #83246 Cache forwarding for ONE270/700
- Case #83284 Radius attribute containing IP address of connecting user
- Case #83378 Help in CLI does not mention "holding-packets" for arp global command.
- Case #83404,84948 Issues with LinkOAM process versus Alcatel DSLAM
- Case #83405 PPPoE negotiation failure

- Case #83449 CPE supporting 2 dns-proxy instances(vrf) cause DNS query flooding
- Case #83485 Cannot use Enable command to enter configuration mode when TACACS is unavailable.
- Case #83524,83370 "refresh-time 1 0 0" added to configuration when IPV6 DHCP pool is created (STEP 2)
- Case #83600 Support of 4G on ONE2510
- Case #83652 ghost route after LAN mask update on vrrp
- Case #83660 Rate of traffic available for all interface in both direction
- Case #83709,84174,83737 The LBB doesn't send arp frames when a /32 route is received from peer
- Case #83740 CWMP set-param set with read only
- Case #83747,84078 "CLI_INT: memPartFree" while Backup/restore to/from server (only when cmd initiated from WebGUI)
- Case #83859 Insufficient pots-group resource (STEP 1)
- Case #83872 show tacacs - statistics per server not working for accounting traffic
- Case #83940 After flapp of PSTN interface we see several IP addresses with mask /32 in RIP database
- Case #83995 One Access freezes with error on console: send_msg_to_iwf_voip: too many msg into qVoiceVoip [1100]
- Case #84162 Crash when running command "show system mcdp corefp session" with incorrect session number
- Case #84175 DHCP relay - DHCP request from xerox printer discarded due to bad packet format
- Case #84178 Not possible to upload file from device to HTTP server using copy command.
- Case #84218 crash when removing BVI
- Case #84249 LBB210: crash "Tlb Load Exception" in "SSH_scp4294967295" task due to double file descriptor closing
- Case #84264 [OSPFv3]Device fails to delete OSPF routes from RIB/FIB after removing OSPFv3 "no ipv6 router ospf"
- Case #84291 Freeze of ATM/PPP

- Case #84399 Conflict in router RIP with routes learnt from RIP neighbor and routes redistributed from OSPF
- Case #84462 command "bind ssh temp-acl" is not available under configure terminal
- Case #84505 Customized private-cloud file (402 lines) not loaded in CloudApp
- Case #84553 crash Memory Allocation Error memPartAlloc: block too big every 30 minutes
- Case #84564,85053 Numerous crashes when there is a concurrent SSH or Telnet session
- Case #84685 Calls from external trunk to IBC fail
- Case #84707 cwmp "firmware image update" mechanism for TAR file does not remove OneOs.old before to untar file
- Case #84775 FTP not shown in the list of dpi detected protocols
- Case #84803 GRE Tunnel keepalives do not work as expected
- Case #84833 Command "logging syslog..." : cosmetic typo error in the online help
- Case #84840,73335 half of IP routing table in provided on SNMP polling
- Case #84880 RIP: failure of static route redistribution based on tag value
- Case #84914 For not answered Invite_RQ, sometimes SIP stack does not respect defined "Timeout" and SIP Transaction Layer timestamp
- Case #84919 channel least-congested not working after reboot
- Case #84954 BRI interface having "dso-alloc older" still offers "B0 channel-preferred" for SETUP ACK response
- Case #84982 partly corrupted output for "show tech-sup file" command.
- Case #85030 sip-gw stays down after attached ip interface comes up again
- Case #85074 Enable for compatibiliy, RIP timers configuration with values as "10 30 30 120" - which should be theoritically refused
- Case #85106,85143 Sending and receiving tags in RIPv2 and OSPFv3
- Case #85235 Crash when IPV6 network statement added on BGP
- Case #85246 CLI sessions frozen when same command with pagination launched on concurrent sessions

- Case #85415 Due to "SIP_INVITE_CO" received from SIP stack, automat cannot clear voip-session while corresponding call-leg is cancelled
 - Case #85430 Due to hunting setting in pots-group, autoisdn is losing Release Cause for last try / BRI int in pots-group
 - Case #85464 IBC : FXS port blocked while not picked up after ringing
 - Case #85481 sip-proxy does not bridge the 200-OK corresponding to established voip-session criterias
 - Case #85509 SIP REFER is sent even if the cli tr-tr-tranfert is set to local
 - Case #85752 Sierra Wireless MC7455 not recognizing Sim
 - Case #86019 Cannot receive calls in PRA connected to One-30 [COLP holding text]
 - Case #87948 SIM not recognized or mobile issues on different CPEs
- V5.2R1E7
 - Firmwares and associated files update
 - Voice level updated to V36R
 - DSP version updated to V4R6E84
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E54, V4.3R4E54_FT5, V5.1R5E12_FT5, V5.1R5E20_FT7, V5.1R5E28_FT7_T13 (except 79136, 80195 82871 83652 83954), V5.1R5E33 (except 73719, 77047, 78434, 79136, 80195, 81953, 82862, 83474, 83806), V5.2R1C7_FT5, V5.2R1C9_FT11_T6, V5.2R1E4_FT5, V5.2R1E5_FT2
 - Delivered customer tickets:
 - Cases #57637,83022,78304 crash while performing automatic backup (configuration+database)
 - Case #64789 "show ip accounting" formatting is not consistent with some IPv4 address
 - Case #68553 Configuration of dialer's link-local IPv6 address AND/OR the interface identifier
 - Case #68555 add MTU-Option in IPv6-RA
 - Case #68575 Add Route information option to IPv6-RA messages

- Case #72122 E20_FT4 tree command does not permit "|WORD" to display only lines including WORD
- Case #72739 CWMP:GetParamName syntax error
- Cases #73491,83162,71572,71686,83390 New AAA authentication behavior when the server is not reachable (STEP 1)
- Cases #76196,82614,82425 crash caused by "Data Storage (DSI)" in Current task "SSH_CLI30"
- Case #76837 Increase Router protection for low memoy- Case with large # of Routes - Phase 2.2 - OSPF
- Case #76881 Crash DSI in tEEMTask
- Case #76898 Web Portal Redirection and Network Access Control (NAC) required for WiFi HotSpot use case (STEP 1)
- Cases #77202,76004,78704,80372 unlimited upstream bandwidth despite configuration at physical level
- Case #77206 Memory leak in CWMP functionality when ACS is unreachable.
- Case #77439 availability of "silent start" as described in ITU REC G.986
- Case #77767 IBC: impossible to move a legacy-subscriber to a Sip-subscriber
- Cases #77824,81701,78142,77880 Crash in task "Ike" caused by Unix-like panic called
- Case #78011 BFD peering in VRF stays in down state
- Case #78062 Defense "tNet task stuck" @task oaMontNet after executing show debug memory with debug(cwmp or ip packet) enabled
- Case #78391 Support the router preference option in IPv6-RA
- Case #78393,78058 IPv6 - VRRPv3
- Case #78408 Memory leaks in IPSEC observed.
- Case #79404 Need increase NOTIFY BLF lenght - see packets with 38774
- Case #79988 PPP reconnection if encyption of password is changed
- Case #80208 In case of Multi SIP trunks (multi UDP ports), Only 1st Trunk is applying 3GPP mechanism for initial registration
- Case #80249 Record route headers in 200 OK are ignored
- Case #80418 ifSpeed value not correct for dot11 interface 0/0

- Case #80449 sip-proxy bridge # NAT ALG mechanism is not applied to rtcp attribute
- Case #80524 Crash "cause DSI" in task SSH_CLI36 when in 3G context, launching different SSH operations
- Case #80544 Information about the Routing Error messages displayed after WAN shutdown without debug
- Case #80626,85078 Connect-timer CLI command enhancements and wrong implemented release cause for Not answered outgoing call
- Case #80773 Crash on task "NSCC" / isdn_TE_Hadapt_show - DNS-SRV timeout process
- Case #80997 Reboot without crashlog after modification of DHCP sever pool options
- Case #81040 Provisioning of IBC using CSV file not working
- Case #81106,83370 Wrong minute values for IPv6 dhcp pool refresh-time --> error on configuration or boot-up, but executed anyway (STEP 1)
- Case #81396 Aleatory, Invite_RQ issued from bridge/translate function is rejected by SIP stack
- Case #81418 Telnet timeout timer during session setup is reset by every character been sent
- Case #81472 Need to disable/enable the HTTP server after each reboot
- Case #81480 netflow record shows false IP TOS = 0x00 value for incoming traffic from WAN
- Case #81631 Even SIP stack parses Replaces parameter for received refer-to header, sip application does not treat it
- Case #81644 Problem deactivating sip-tls in sip-gateway
- Case #81647 Problem activating TLS at dial-peer level
- Case #81673 HW product limitation, max_cdr_number is reduced from 100 to 10 on PBXPlugV2
- Case #81710 "WebGUI_VF_Defect_ID_244
- Case #81874 Adding private-cloud.cfg leads to errors
- Case #81942,81943 Ethernet OAM - Dying Gasp not working
- Case #81946 ZTE device Autoprovision is KO with MAC address other than 4c:**

- Case #81999 IBC: Diversion field is persistent in a direct call
- Case #82004 Lost of "intraforwarding" CLI under dot11radio 0/0.x with MULTI_IBC version
- Cases #82028,82087 Crash DSP failure dsp:0: Abort Error: Exception occurred at 0x387d6
- Case #82045 IP address abandoned when an ARP response is received from an irrelevant IP during DHCP IP address assignment process for network containing 0 in the body.
- Case #82054 eSBC device lock-up
- Case #82073 The synchronization still on BRI TE (5/4), do not switch to fallback free_run, when no cable on it
- Case #82133 rate counters remain at zero on sub interface for multicast traffic
- Case #82221 SBC nano, Display portion of Referred-by is not filled at sip-gateway interface
- Case #82241 History-Info inside 302 Moved Temporarily is not constructed properly
- Case #82267 For a Bridged 302 Moved Temporarily, hostportion of Diversion Header is not updated by sip-gateway configuration
- Case #82315 cmd 'show soft-file info' of OneOS90 binaries does not warn as "this file is not intended for this device"
- Case #82376 Changing "encapsulation dot1q" of ATM-AAL5 interfaces doesn't work
- Case #82398 One700 has errors after switching from SBC1/SBC2 and back
- Case #82400,83470 Crash - task "tNetTask" - when Dialer goes DOWN with IPv6 PPOE config
- Cases #82423,80101 Support of Dual GE Uplinks on ONE1560
- Case #82425 crash by DSI in SSH_CLI21 task: in the functio wdCancel / wdStart
- Case #82460 Commands related to SMTP service within some IBC_SEC packages are missing
- Case #82461 with 'http-server vrf' (or alike) command, configuring some parameters already configured is returning an error instead of warning
- Case #82471 Crash "same address in table" with Current task "tNetTask"

during multi flow traffic tests

- Case #82473 missing information in "show interface dot11radio 0/0.x" => impact in WebGUI
- Case #82491 carsh "DSI" with current Task : "mcPollTsk"
- Case #82627 notification for atm 0.1 is prompted even with context where no 'atm' interface is defined
- Case #82708 DHCP server on Giga 0/0 should not reply to DISCOVER received on tagged VLAN 100
- Case #82848 Due to scanning of @IP LAN from remote station, interface dialer falls down
- Case #82854 Incorrect Time of event displayed in EEM history
- Case #82892 SNMP group with "-" When creating SNMP group, the character "-" is accepted but when creating SNMP user in this group, the character "-" is not accepted
- Case #82906 Reason parameter of Diversion header for a 302 Moved Temporarily is not the same value as ASN.1 parser
- Case #82907 Even transparent-p-asserted-id is set inside voice-global, sip-gateway bridging Invite_IN/Invite_RQ sets UserInfo portion as From/Contact
- Case #82938 Memory leaks in CWMP functionality.
- Case #82949 The task name in the 'show debug memory' output not stable: not useful for analyses.
- Case #83104 Support of "OTG" for SIP Trunking
- Case #83223 Problem with Call-ID longer then 128 byte
- Case #83248 Router not forwarding packets when switchport feature is used with fast-path enabled
- Case #83309,85878 Usernames longer than 15 charac. rejected in telnet
- Case #83374 IPv6 route to directly-connected interfaces gets lost
- Case #83472,83158 PB WiFi
- Case #83501 PPPoA does not work with subInterface greater or equal to 22
- Case #83529 Error/warning when configuring ibc keypads already configured
- Case #83660 Rate of traffic available for all interface in both direction
- Case #83795 Crash - task SSH_CLI36 with crash cause DSI

- Case #83835 Crashlog "tNet task stuck, current job=0x00180210 last job=0x00180210" in oaMontNet task
 - Case #83874 Logging severity level truncated
 - Case #84190 TACACS server banner is not displayed for SSH
 - Case #84193 "storm-control unicast" is no more operational
 - Case #84341,80524,83795 Crash in SSH_CLI46 task (Crash caused by : Data TLB Error)
 - Case #85118 IPSEC SA not active after radio DOWN/UP.
 - Case #85164 Crash in IKE task
 - Case #88601 DUT restarts during NAT/PAT update
- V5.2R1E6
 - Firmwares and associated files update
 - Voice level updated to V36Q
 - DSP version updated to V4R6E75
 - NetAPM version is now v3.3.3
 - Lantiq AVDSL software updated to T2970/00156
 - Quectel EC20 4G Wireless module is now supported
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E54, V4.3R4E54_FT5, V5.1R5E12_FT5, V5.1R5E20_FT7, V5.1R5E28_FT5, V5.1R5E32, V5.2R1C7_FT5, V5.2R1C9_FT11_T6, V5.2R1E4_FT4, V5.2R1E5_FT1 versions except 76004 77202 78704 81639
 - Delivered customer tickets:
 - Case #49873 CLI configuration over TR-069 : new CWMP Vendor Specific parameter/RPC. (Cisco-Like)
 - Case #68038 New CLI snmp-server tftp-server-list <ACL>
 - Case #69280 show ipv6 neighbors command column layout needs some spaces/Tab in formatting
 - Case #71166 Interoperability with Cisco TACACS + Service
 - Case #71313 DHCP - sub option 43.1 length verification

- Case #71640 FXS ports are not available for accepting call
- Case #72852 ping ignores size parameter
- Case #72918 unexplained 90 counters SONAME increase
- Case #73282 No error message during exec if missing parameter
- Case #73408 SIP status code change request: 480 to 486 and 500 to 480
- Case #74060 crash by DSI in TELNETD during copy to TFTP URL
- Case #74403 First Messages of Critical applications not prioritized
- Case #74418 BGP trap messages are not always displayed in debug ip packet out.
- Case #74434 Wrong SetParameterValuesFaultStruct
- Case #74579 STUN related paramters have to be removed for the One425 device for Vodafone
- Case #75030 LBB4G 4G signal quality
- Case #75042 Crash - cause: Unix-like panic called (cause : looutput no HDR); task: vrrpd11
- Case #75182 Event 1st registrar session knows ip address of outbound-proxy, automat returns an error to send 2nd registration session
- Case #75299 CWMP - DiagnosticState is not set to None in case of modifying any writeable parameter of IPPingDiagnostics object
- Case #75320 CWMP - Data type mismatch of InternetGatewayDevice.Services.VoiceService.i.VoiceProfile.i.Line.i.X_ONE ACCESS.ForceScreening
- Case #76363 IPv6 - Valid and preferred lifetimes of delegated prefixes are too long and ignore the lifetime given from WAN side.
- Case #76367 IPv6 - Router lifetime is not set to 0 (RFC 7084) when the WAN - PPPoE link is down for unknown reason
- Case #76369 IPv6 - Provider clearing of WAN PPPoE connection (randomly) did not change the old IPv6 prefix (RFC 7084)
- Case #76614 LBB210 regular DSI crashes in tNetTask DUP 74060
- Case #76679 Replace access to File System in Nand Flash by access to File System in Ram Disk for CWMP
- Case #76682 To construct UserInfo portion of R-URI and To URI, registered AOR is used instead of received

- Case #76685 Crash in tEemCliExecTask (Crash caused by : MemPartFree : S_memLib_BLOCK_ERROR)
- Case #76852 Show policy-interface - sub policy display in output queuing statistics
- Case #76867 Not completed Register_IN or RQ sequence causes lock up of sip-registrar-session
- Case #76869 ATM/PPP freeze
- Case #76881 Crash DSI in tEEMTask
- Case #76939 Due to High CPU utilization, SIP stack does NOT bridge Invite_IN or Register_IN (sip-server and sip-gateway)
- Case #76988 Malformed access to file system by CWMP task
- Case #77043 DHCP range is limited to 1024 IP addresses
- Case #77221 Fragmentation management robustness enhancement
- Case #77242 While resolved URL (SRV) and Ip address (A) are still available into internal table, OneOs starts a new complete DNS discovery
- Case #77280 combination of IVR and huntgroup in cyclic mode not working
- Case #77390 DSI crashes in tNetTask
- Case #77464 Usage of select with a timeout < 20ms can lead to a creation of multiple tasks named tSelectOaYield
- Case #77578 CPU Load (in tnet task) when software busy with defense against Beacon Stuck may generate Jitter
- Case #77745 Capture tool does not permit to monitor capture 802.11 frames
- Case #77851 Allowing ttf and png formats in HTTP server
- Case #77852 Sending the proper X-Frame-Options HTTP response headers that instruct the browser to not allow framing from other domains
- Case #77853 REQ-GUI58.8 Failed Logins
- Case #77855 REQ-GUI58.1.4: CLIs which will be sent from UI will be encrypted
- Case #77856 2.20. WebGui Setting - Configuration
- Case #77857 REQ-GUI58.2.2: Token concept on client side will be implemented
- Case #77858 REQ-GUI26.5 Structure of backup configuration - white list

- Case #77889 CMWP - wrong implementation of parameter InternetGatewayDevice.X_ONEACCESS.SNMP.User.1.PersistConfiguration
- Case #77909 recurring DSI crashes in tNetTask
- Case #77929 Improve management of information storing in cwmp.ini when crash occurs
- Case #77938 Restore factory-settings from UI
- Case #77973 Short DSL line disruption causes arp resolution issue in UpLink traffic direction (DownLink is OK)
- Case #77988 suspicious ring after transfer when profile1 is configured
- Case #78160 WebGUIProfile lost after reboot
- Case #78169 Dynamic Ip-PBX registration treated/handled by dynamic restricted dial-peer voip shall populate dynamic voice-routing table
- Case #78182 crash DSI in TELNETD - maybe related to show voice voip-call any all - reoccurrence of 74814
- Case #78187 Clarification of SSH and SNMP password specification
- Case #78188 SSH password change during existing connection not clearing the session
- Case #78190 New Products PBX Plug 212 and PBX Plug 602 (STEP 1)
- Case #78218 EXCEPTION 0x300 @task trMemTask after executing no monitor trace with cwmp CLI polling.
- Case #78251 Crash Machine Check Exception in tNetTask after no ip access-group in on dialer interface
- Case #78257 Crash after restoring a file from PC
- Case #78260 Crash with WebGUI when modifying an existing Firewall rule
- Case #78319 test 14.3 webconf restored saved configuration from ONE425 is not activated
- Case #78321 test 14.4 webconf restored saved config from Computer is not activated
- Case #78351 SIP code mapping: Extension of Number of rules under map-q850-profile
- Case #78356 Valid MIC check fails in Activation Wizard due to WCF security
- Case #78463 debug bridge frame out does not show vlan id

- Case #78477 debug ip dhcp displays a null IP address 0.0.0.0 instead of the real IP address
- Case #78499 PBXPlug4/0v2 - cwmp Missing Device.GatewayInfo. values
- Case #78564 HeadAcoustics adaptive jitter issue
- Case #78713,79725 (DualCore Only) packet loss after shut/no shut on WAN interface
- Case #78728 AOC Facility is not send to ISDN Port
- Case #78767 CMWP - Set of DeviceInfo.X_ONEACCESS.WebGUIProfile to voiceOnly must disable WLAN
- Case #78772 WEB GUI: Automated Logout is not working with 5 min
- Case #78816 WebGUI: Automated logout needed when changing IP address range from where you are logged in
- Case #78844 IBC Mailboxfull message is not played when user mailbox is full.
- Case #78864 Cannot remove ip policy-routing command in interface Pstn 2/0.1 context
- Case #78890 WebGUI: sending incorrect commands down to CLI
- Case #78909 Vodafone Ge Phase 3 CWMP Requirements
- Case #79049 RIP: dynamic update of route failed
- Case #79062 HTTP headers for XSS protection and Content-Security-Policy and
- Case #79099 Restore configuration: ZBF rule handling is wrong/not working
- Case #79109 Crash DSI - tVoiceVOIP
- Case #79127 E28_FT2 show voice dial-peer voice voip all - counter of invalid RTP packets
- Case #79239 EMPTY POST cwmp message sent instead of TRANSFER_COMPLETE after downloading WEB tar file
- Case #79294 telnet and ssh freeze after a while due to regular port scan (reboot via SNMP is then required)
- Case #79399 license activate ibc is enabled by default for IBC FT packages
- Case #79437 the cost value is inoperative in ospf point-to-multipoint configuration

- Case #79461 HeadAcoustic test report / adaptive jitter not sufficient on ONE425
- Case #79508 Crash after having modified the IP address of remote LNS server
- Case #79524,80306 C9_FT10 crashbufferdump on LBB320 and LBB140
- Case #79562 SBC Nano One700 Call disconnect after REINVITE sent by METASWITCH
- Case #79656 ACS/TR69: VF_Defect_ID_98 - IPPingDiagnostics leads to reboot disconnecting calls
- Case #79713 VF IBC configuration for CFx in VDF RO
- Case #79811 Crash Program Error in task Console while paging through CLI-help
- Case #79814 Crash caused by: DSI in tCwmpEvnDisp during Firmware update
- Case #79858 RIP: invalid-timer removes the route
- Case #79882 BRI - T302-timer applied only after shut/not_shut
- Case #79916 From a SSH session, show system tasks command disconnects SSH session - Bad packet length error
- Case #79948,81965 frequent FATAL ERROR caused by tNet task stuck in oaMontNet
- Case #79952,83217 Implementation of SIP302 to RE-INVITE conversion
- Case #79957 No AOC sending over DSS1
- Case #79992 Performance issue: UDP throughput only 11000 packets/s (with all VF services activated) at 100% CPU
- Case #80008 Special characters should not be accepted in SNMP privacy password outside quotes
- Case #80032 Intermittent call cancelled due to unexpected SSDU CALL_PROC_RQ
- Case #80141 Exception in Data Path Core in mcPollTsk file mc_system_defense.c (DualCore device)
- Case #80145 Event Manager Applet running countdown timer impacts start up of defined applets running watchdog timer
- Case #80165 Call forwarded to offnet from ALU IP PBX connected to CNG

does not have speech path

- Case #80167 unusefull system message are displayed after crypto key generate
- Case #80208 In case of Multi SIP trunks (multi UDP ports), Only 1st Trunk is applying 3GPP mechanism for initial registration
- Case #80223 VRRP bug - system malfunction by using low preempt values
- Case #80232 CLI Handler returning error even when CLI command is correct with some VLAN command
- Case #80249 Record route headers in 200 OK are ignored
- Case #80255,76336 [LBB145] ISDN in show system hardware
- Case #80269 WebGUI logout executed when Dialer 2 interface is falling to administratively down
- Case #80295 LBB14x Introducing firmware xDSL V156
- Case #80318 Log ACL doesn t work when used to securize SNMP traffic
- Case #80375 Received Restart from TDM/PRI ALU PBX causes a wrong handling of layer 2
- Case #80449 sip-proxy bridge # NAT ALG mechanism is not applied to rtcp attribute
- Case #80459 Memory issue on LBB210 with V5.2R1E4_FT1 version
- Case #80468 OID Product Name in MIB unconsitent with some Products when Product Name does not exist in PIA
- Case #80501 modify OneOS to use available RAM 128 MB
- Case #80545 event filter command missing in configuration after reboot
- Case #80560 MIB: Update of LBB Platform - PBX Plug 602 and 212 idem FR 80575 new Product evolution
- Case #80575 OID oacOneOsDevices in MIB ONEACCESS-GLOBAL-REG must be modified to handle all LBB devices
- Case #80623 PPP negotiation with LNS fails with message Illegal option length with VDSL uplink
- Case #80641 I2tunnel interface description rejected
- Case #80658 Too high memory increasing between two h323 versions on One300

- Case #80690 ACS change of WegGUI profile does not delete
- Case #80698 VOIP_session uncleared during session tests for FLASH detection
- Case #80805 VIA headers values separated by commas should be splitted into different Via Headers
- Case #80838 command show voice voip-call any all seems to generate memory leak
- Case #80846 Problem Setting up New IPSEC SA when one SA already exists
- Case #80864 SIP 302 handling with identical called number and new forwarded IPPBX in the contact header
- Case #80869 sip-gateway waits for SIP stack error to send SIP_Register_RQ to resolved 2nd URL
- Case #80909 static default route with BFD is not redistributed into BGP
- Case #80915,80871 [Following of TAC80718] pimd task doesn't handles properly interface notification
- Case #80924 Event DNS SRV is activated, SIP_RQ into an established transaction/dialog shall not cause a DNS SRV/A resolution
- Case #80950 The parameter self-identity user-fqdn is limited to 35 characters instead of 64
- Case #81030 telnet and console terminal may lock with inaccessible TACACS context (accounting)
- Case #81040 Provisioning of IBC using CSV file not working
- Case #81071 SBC nano sip-proxy bridge # Rx CLIR call (Privacy only) from Ip-PBX overrides transparent-PAI header
- Case #81080 ZTE phone reboot
- Case #81097 Voice Task is running and uses unuseful CPU while no voice is configured
- Case #81102 SBC nano sip-proxy bridge # Rx CLIR call (Privacy only) from Ip-PBX overrides From header
- Case #81116 SBC nano sip-proxy bridge # 401 challenge from SIP client is bridged to IMS core
- Case #81146 Scheduled CFU : Overlapping time frames are accepted

- Case #81216 Availability of IP QoS congestion-management for new packages (MULTI_IBC_FT)
- Case #81283 Radius password limitation
- Case #81307 clip-privacy-uri incoming CLI command must just set Privacy /Presentation Restricted token
- Case #81387 RE: Error/warning during default configuration of BIB use cases
- Case #81392 GetAllParams does not retrieve all parameters
- Case #81393 Download of Vendor Configuration File fails when requested through CWMP
- Case #81400 DHCP server pools look strange
- Case #81482 FATAL ERROR : 0x0 - memPartFree: invalid block 0x1391a090 in partition 0x29ca630
- Case #81490 CLI command verify config-file ... is not present in MULTI IBC V5.2.
- Case #81493 Remote access in SSH with SecureCRT: banner is displayed vertically
- Case #81529 P-A-I of received 18x and 200-OK is not bridged to Ip-PBX
- Case #81631 Even SIP stack parses Replaces parameter for received refer-to header, sip application does not treat it
- Case #81661 For sip-gateway to sip-server direction, UserInfo portion of bridged PAI/PPI becomes transparent
- Case #81673 HW product limitation, max_cdr_number is reduced from 100 to 10 on PBXPlugV2
- Case #81710 WebGUI_VF_Defect_ID_244 - Activate notification for ExternalIPAddress not displayed correctly
- Case #81772 CLI (Console/Telnet/SSH) session hangs during file transfer in case reachability/route is lost for more than 10 mins to FTP server
- Case #81883 ip helper src port is 68 instead of 67 as per RFC
- Case #81894 LBB210 crash by DSI in tNetTask
- Case #81910 Fragment routing problem
- Case #81922 Configuring some parameters already configured is returning SNMP error instead of SNMP warning

- Case #81926 Bad traffic shaping performance on multi version
 - Case #81931 Tunnel interfaces are going down when WAN interface is coming UP
 - Case #81946 ZTE device Autoprovision is KO with MAC address other than 4c:**
 - Case #81980 Report 77578 in V5.2R1 main
 - Case #82100 Quotes around a string in the node crypto pki certificate map are lost which makes the config illegal.
 - Case #82102 2 Default routes learned by dhcp on the same interface
 - Case #82140 Embedded Event Manager CLI task does not finish execution
 - Case #82273 In PPP Authentication, extension of the #mac<i># usage wherever the string is positioned
 - Case #82394 Device crashing, using FactoryReset RPC from ACS
 - Case #82460 Commands related to SMTP service within some IBC_SEC packages are missing
 - Case #82515 Fragment routing problem --- suite PR#81910
 - Case #82594 crash by DSI in tRipTimerTask
 - Case #82662 An additional ism-session assigned for Call_Susp causes an error for Rx Disconnect from terminal
 - Cases #82705, 78063 Loop crashes on BIE Dual Stack configuration
 - Case #82766 Ip-PBX AoR containing + as international prefix is detected without, Register request is rejected by 404
 - Case #82768 [Dual-Core only] police cir with frame-length layer 1 provokes packet loss before being processed
 - Case #82800 Extracted NDI from Invite_In is lost when constructing Invite_RQ
 - Case #84209 Enabling the display of message in the login-banner provided by TACACS+ server for TELNET and CONSOLE
- V5.2R1E5
 - Firmwares and associated files update
 - Voice level updated to V36P
 - DSP version updated to V4R6E74

- Sierra MC7354 is now supported
- Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E54, V5.1R5E54_FT4, V5.1R5E12_FT5, V5.1R5E20_FT7, V5.1R5E28_FT3, V5.1R5E31, V5.2R1C7_FT5, V5.2R1C9_FT11_T6, V5.2R1E4_FT3 except 76004 77202 78182 78304 78704 78844 78941 78989 79127 80167 80287 80295
- Delivered customer tickets:
 - Case #49483 SIP AOC Teles implementation
 - Case #66905 Intelligent FXS port stays in off hook state after VoIP call is released - even after reboot.
 - Case #70166 IPv6 traffic is dropped after a while when using ACL Reflexive and hitting max number ACL session (def: 5000)
 - Case #70168 [MULTI - LBB230] Routing on the second core like LBB320/310
 - Case #70532 Conditional PBR
 - Case #70865 E20_FT1 DIAG TOOL - capture - attach filter to interface - interface names are not sorted
 - Case #71094 There is no configuration option for defining the default-username s password in virtual template ppp
 - Case #71252 Productclass and serialnumber suffix on default-username are not available in the virtual Template PPP
 - Case #71375 Disconnect after STATUS Message from Customer ISDN PBX
 - Case #72129 Input for auto-update username & password
 - Case #72334 CLI Users created in V5.2 can t be used in V5.1
 - Case #72491 OSPF routes (type 5) present in database but not in OSPF route table
 - Case #73284 EFM Dialer interface goes down under stress 500 pps coming from WAN
 - Case #73676 VQM Project Delivery
 - Case #74671 Add a Gb SFP on the One425
 - Case #74672 VDSL2 daughterboard on the One700-2P
 - Case #74797 Log IPsec IKEv1 Up/Down Tunnel for legal purposes via syslog

- Case #74798 debug ip pim group x.x.x.x does not work : no debug displayed
- Case #74860 SSH: Wrong user name when login with shared credentials
- Case #74861 SSH: Login with another user s credentials allowed
- Case #74958 Include Authorization header into initial registration.
- Case #74968 Possibility to read remotely the boot flags
- Case #75121 SNMP: SysObjetID for One50 (LBB130) router is not correct
- Case #75182 Event 1st registrar session knows ip address of outbound-proxy, automat returns an error to send 2nd registration session
- Case #75354 Unable to read and write file on ram disk.
- Case #75439 Straighten Pseudo-random function to assure no-reproducibility (between 2 devices and same device)
- Case #75460 NOTIFY not bridged due to desequencing with SUBSCRIBE/NOTIFY
- Case #75484 Creation of model ONE700 1PRI A/VDSL2
- Case #75775 WindRiver taskLib.c : Use of released memory possibility when a task is destroyed
- Case #75826 Sip-server send a BYE to an erroneous address.
- Case #75900 LBB320 Exception in Data Path Core in mcPollTsk file mc_system_defense.c line 203
- Case #75902 Creation of a MULTI/IBC package for the LBB231
- Case #76033 IPv6-prefixes on WAN (Ethernet) interfaces are kept and not released
- Case #76226 C9_FT7 VRRP virtual mode (default mode) - black hole during 5 minutes
- Case #76401 DIVERSION field still present in INVITE message in V4.3R4E53
- Case #76458 flapping value for SNMP OID dot3StatsMultipleCollisionFrames - Transmission MIB
- Case #76474 Stack size of CWMP tasks executing CLI commands to be checked?
- Case #76496 IPv6 - DHCPv6 : refresh time configuration and help incoherence

- Case #76499 During the shutdown/no shutdown of the interface pstrn, a DSI crash is observed after several hours testing (task DataCollection , function m2IfTbIEntryGet).
- Case #76505 Tokheim testing CSO OAF: crash MemPartFree : S_memLib_BLOCK_ERROR in net_fire_timers .
- Case #76522 memory leak cwmp
- Case #76625 crashlog with deletion of pppoa ATM interface
- Case #76654 deadlock with deletion of pppoa ATM interface
- Case #76679 Replace access to File System in Nand Flash by access to File System in Ram Disk for CWMP
- Case #76682 To construct UserInfo portion of R-URI and To URI, registered AOR is used instead of received
- Case #76721 PIMD crash when deleting Bvi interface
- Case #76773 Random crash during voice tests _ Software Watchdog Timeout - DDSPUser0
- Case #76793 New CWMP error messages on the console when executing the command reboot after 0 .
- Case #76867 Not completed Register_IN or RQ sequence causes lock up of sip-registrar-session
- Case #76905 For SIP incoming dial-peer, to set defined Local Area Code on Calling-number, its default-ToN shall be forced to unknown
- Case #76927 "tree" command has several issues
- Case #76947 Crash caused by : Software Watchdog Timeout - Current task: DDSPUser0 - during voice testing
- Case #77008 Constant system crashing on One540-4G after establishing L2TP tunnel
- Case #77075 Memory decrease of around 20Kbytes/hour on continuous TR-069 polling from OneProvisio server (send CLI)
- Case #77093 LBB231: ibc save database creates files impossible to open
- Case #77134 IOT with Ericsson IMS
- Case #77174 cwmp.ini fails to load from flash to ramdisk after reboot
- Case #77181 Memory leaks observed in SCEW functionality.
- Case #77219 LBB130 reoccurences of DSI in tNetTask crashes

- Case #77240 CWMP Reboot RPC fails
- Case #77244 CWMP Factory Reset RPC doesn't remove /BSA/persist/cwmp.ini
- Case #77246 0 BOOTSTRAP event delivered for same ACS url with hostname
- Case #77276 Crash during validation TAC#73948
- Case #77303 cwmp.ini is copied from flash to ramdisk after every reboot
- Case #77304 config-update fails to write into startup config file
- Case #77338 One way audio after call hold, initiated by Mitel PBX (Invite without SDP)
- Case #77346 cwmp.ini file not available after reboot caused by erase saved-config
- Case #77350 PSTN interface stuck (no dialout anymore) due to Modem reset failed, reason: Hardware reset already being processed .
- Case #77354 several crashes caused by: DSI in getsockname and sendto APIs in SNMP context
- Case #77375 Automatic creation of Probe-ID for PacketSmart.
- Case #77385 Default ipv6 route appears on a specific prefix ipv6 route asked
- Case #77424 New tNetTask problem during the test of PR 77002 DSP crash
- Case #77478 LBB140 regular crash Program Error Exception in tNetTask
- Case #77500 IBC: Blind Transfer provoke a crash
- Case #77509 IBC: Bad format of refer-to in SIP REFER message
- Case #77517 Program Error Exception crash in tNetTask (if_rate_update is overwritten..)
- Case #77568 CWMP Periodic Inform operations/functions causes a slow memory leak of RAM (1% 1.5MB per day, indep. of freq)
- Case #77577 event filter configuration is not correct for the family sys
- Case #77688 Follow-up of PR#73976
- Case #77709 Applied Digest password for registration-method 3gpp is recorded/written in sip-gw-edp.bin file in clear text
- Case #77726 One50 Wi-Fi warning on boot-up : !!! Warning : task tRootTask has a low stack margin = 80, for a stack size = 28776

- Case #77730 Probe owner with space accepted ?
- Case #77779 CLI: command reboot at in V5.2 vs V5.1
- Case #77818 LBB140 multi-line paste on console port is not possible
- Case #77822 MAC Filtering per SSID
- Case #77860 Follow-up FR#74784: WCF function related to new phone key feedback
- Case #77863,83464 Fallback, from Radius, to Local password is not working with SSH
- Case #77921 While sip automat processed NS_NOTIFY_IN from isdn automat, It does not send reinvite items to SIP stack
- Case #77930 "critical" keyword is no more accessible for "Congestion Management" within policy-map: it should be
- Case #77967 Stuck RTP stream on IAD Proxy
- Case #78068 Host header field is not sent in HTTP request GET method (+ variances between Releases)
- Case #78083 Memory leak observed after continuous overnight flap test(10hrs) on adsl uplink with cwmp
- Case #78133 For incoming call applying Overlap mode, Regex-prefix does not take in account length or timer criteria
- Case #78169 Dynamic Ip-PBX registration treated/handled by dynamic restricted dial-peer voip shall populate dynamic voice-routing table
- Case #78171 Public Key authentication possible for any user
- Case #78180 Crash EXCEPTION 0x300 task ZbFwFollowUp after firewall policy modification
- Case #78212 Crashlog DSI in tNetTask while interface Bvi 1 is deleted
- Case #78219 IBC: IP-Phone 6867i Directory input key are hard-coded in french or english
- Case #78252 IBC: 6867i: CLI Phone-configuration softkey quick-call and phone-key quick-calls. s letter is missing
- Case #78304 FATAL ERROR memPartFree: invalid block : while performing automatic backup
- Case #78306 Frequent crashes on One540: Root cause unknown (Crash Cause varying) not reproduced in CSO

- Case #78339 Crash on debug usb show-connected-devices after cellular module software update
- Case #78369 Serie of DSI crashes in tNetTask on LBB140
- Case #78397 IBC: LBB231 reboots while putting a call on hold or trying to make a transfer
- Case #78422 Fast-busy tone on ISDN ports
- Case #78446 Cloud Apps (main feature)
- Case #78452 IBC: LBB231 - Transferring a call by FXS freezes the box, reboot is needed to recover IBC service
- Case #78478 Crash EXCEPTION 0x300 task ZbFwFollowUp after firewall policy modification DUP 78180?
- Case #78481 Systematic DSI crash by using https auto-update with self-signed certificate
- Case #78494 FATAL ERROR: tNet task stuck, in raw log, after few days: context with DHCP server, PIM, Multicast
- Case #78548 add transparent behavior for * in sip-uri (private and rfc2396)
- Case #78606 Crash in ethernet driver's reception
- Case #78651 IBC: Follow-up of PR#73976 - call tranfer fails between two internal phones
- Case #78728 AOC Facility is not send to ISDN Port
- Case #78731 regression PPPoA session unable to come up at boot time
- Case #78763 crash by DSI in task flowd when adding PBR offload configuration
- Case #78896 Bad sync between NAT session clean-out and CFW session clean-out generates crashes
- Case #78905 Unrequested hardware reset / Power On Reset (External Watchdog)
- Case #78953 Daily unexpected restart of LBB with cause Unrequested hardware reset (External Watchdog) without crashlog when network scan is launched
- Case #78964 Support of the Sierra Wireless module MC7354 on the One1540
- Case #79097 crash during show tech-sup command

- Case #79109 Crash DSI - tVoiceVOIP
- Case #79217 Registration-method 3GPP, crash occurrence for registration of 2nd defined SIP trunk
- Case #79284 LBB sends SIP contact with TEL URI in 200OK when received TEL URI in R-URI of incoming INVITE
- Case #79288 IBC: Call received from trunk, transfer to another internal phone badly managed when unloop mode is selected
- Case #79298 Host routes learnt via bgp on ipsec tunnel are duplicate on tunnel and physical interfaces
- Case #79317 Lost of dial tone on One700 24FXS and One270 16FXS
- Case #79360 Crash after a clear PPP session performed on LNS server
- Case #79396 SNTP client warning message displayed in case of server address not resolved, though no debug is set
- Case #79432 net-pool common leak and freeze
- Case #79433 tNet task stuck in oaMontNet task
- Case #79477 SSH Crash caused by Data Storage (DSI) at exit time
- Case #79488 VLAN NULL - encapsulation priority-tagged native
- Case #79492 Call on hold: rtp-permanent command doesn't work
- Case #79501 Crash caused by : Machine Check Exception in task : tNetTask
- Case #79504 Crash caused by Machine Check Exception in Ike, while ssh disable then exit with SHDSL-EFM
- Case #79508 Crash after having modified the IP address of remote LNS server
- Case #79562 SBC Nano One700 Call disconnect after REINVITE sent by METASWITCH
- Case #79565 IBC- V5.2 - Call transfer by FXS reboots the box
- Case #79566 SNMP agent freezes - usually seen with SNMP gen error counter increasing
- Case #79732 show tech-sup command error
- Case #79839 Crash caused by : Memory Allocation Error - memPartAlloc: block too big in task : tNetTask
- Case #79852 Correction of PR#76226 to be applied on Mono-core platform

- Case #79901 VRRP virtual mode (default mode) - black hole during 5 minutes (following PR#76226)
- Case #79995 Possibility to override the maximum-connections value (default 10000) at firewall level for all the policies/policy rules
- Case #80109 MIB: Update of LBB Platform
- Cases #80333, 80807 number of sa (ISAKMP) is too low - Defense: Unix-like panic (transport refcnt error) is triggered (large config or conn. flapping, etc...)
- Case #80718 PIM interface sometimes remains down after reboot
- Case #85257 Crash in Hub_Usb task (Machine Check Exception)
- V5.2R1E4
 - Firmwares and associated files update
 - Voice level updated to V36O
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E54, V5.1R5E54_FT2, V5.1R5E12_FT5, V5.1R5E20_FT6, V5.1R5E28_FT2, V5.1R5E30, V5.2R1C7_FT5, V5.2R1C9_FT10
 - Delivered customer tickets:
 - Case #58819 Wrong flashing of maintenance LED
 - Case #66749 CLI: configuration of interfaces stored in sequential order (Part 2)
 - Case #67546 Sierra module MC8705 firmware upgrade fails from OneOS cli
 - Case #69169 No Response to Telnet Connection Request after some Uptime
 - Case #71925 Warning and info messages after no shut
 - Case #71981 E20_FT4 Telnet session long time authentication issue - related to authentication protection 69154
 - Case #72085 mapping display name FROM / PAI
 - Case #73019 Evolution of CLI "http-server user add ..."
 - Case #73232 CLI freeze after "show voice voip-test" on ADVIP package
 - Case #73511 Support of CNAME for ISDN protocols
 - Case #73636 TR-69 ?Product-Class? extension with WiFi-DB presence and

'Commercial-name' (PRQ v1 + v2)

- Case #73680 SIP phone provisioning on Proxy package
- Case #73836 ISDN SETUP MESSAGE- After Timer T303 expires retransmit SETUP MESSAGE
- Case #73851 Follow-up of PR#69863 - Need a way to deactivate defense protection when 3G module is not detected
- Case #73946 Syntax for multi-core CPU load indicator is not correct
- Case #73948 IBC: Follow-me fails in unloop mode
- Case #73976 IBC - Follow-up of PR#53307: call transfer initiated from ibc are not unlooped
- Case #74092 "show tacacs server" command is logged in the command config history
- Case #74107 WP1 - VQM Event - Second leg implementation
- Case #74109 When isdn level2 passed to up, no report with STATUS message to break the call
- Case #74161 Enhance the 3G-defect defense by giving the possibility to deactivate it by CLI - default is activated (if 3G module is present)
- Case #74321 As one445 device is not defined into onaOneDevices subtree, sysObjectID returns the wrong value
- Case #74356 Crash caused by ISI while testing voice function
- Case #74396 interfaces not displayed in order while running statistics
- Case #74452 Flash not detected on several ports, ok for the other
- Case #74784 New IPPhone for IBC: Mitel 6867i replaces Aastra 6755i
- Case #74821 While sip-transport is default value (udp), SIP TCP assigns "closed" TCP session to sip-server interfaces
- Case #74884 MWI on FXS ports - Need to support illumination via application of 90V
- Case #74885 ZBF-NAT: crash after TCP null scan and TCP SYN flooding
- Case #74905 Reboot - depending of traffic and firewall logging
- Case #75049 For Multi-Contact in register_RQ response, OneOs binds the right Contact value but It arms the smallest value received into 200-OK
- Case #75276 SBC Nano bridge # Host portion of bridged PPI into 200-OK

(COLP) shall be the FQDN of sip-gateway

- Case #75295 Tokheim configuration shows memory leak in IKE task.
- Case #75333 ISDN/SIP IWF # SIP URI of History-Info header does not contain any host portion
- Case #75362 ISDN/SIP IWF # Gigaset CX253 Facility for Call Deflection is not converted to 302 Moved Temporarily
- Case #75388 Firewall parameter ordering is not consistent and Error messages are displayed after loading startup configuration file
- Case #75419 Cancelling an outgoing call causes a "DSI" crash of one270
- Case #75425 4G WAN freeze during resilience test
- Case #75433 ONE425 crashes after ECT then problem in CFB interrogation from Concept phone set
- Case #75434 SBC Nano bridge # Host portion of bridged P-Asserted-Id into 200-OK (COLP) shall be the FQDN of sip-gateway
- Case #75482 Interworking with Concept PA624I/P622 to be enhanced for CFX service
- Case #75564 VOIP sessions locked when two parked B-channels/Call-legs are released by timeout of T307
- Case #75566 Call_Status of ISM session for 2nd Parked/Suspended Call-Id goes to idle state - Unpark/Resume operation is failed
- Case #75568 For Gigaset terminal, as for End-of-3pty conference operation, It holds 2nd call-leg, ECT operation is failed
- Case #75597 History-Info header of 302 SIP message issued from local CFx service does not contain Reason uri parameter
- Case #75624 Dialed-supp-service-profile for mgt-service local cannot deactivate activated CFx by keypad
- Case #75780 Memory Defense triggered following a mempartfree in isakmp_task
- Case #75811 Fill buffer with random or specific ('pattern') values when freeing
- Case #75849 sip-gateway does not come up when interface is attached to a vrf
- Case #75900 Exception in Data Path Core in mcPollTsk file mc_system_defense.c line 203

- Case #75904 Extracted User Info portion of P-A-I into received 18x as well 200-Ok is not used to construct bridged message
- Case #75906 For a "display" cli command inside voice-routing or "show voice debug voice-routing all", one700 is crashing
- Case #75909 Hook flash services with FXS
- Case #75921 IPSEC tunnel (re-)negotiation does not start resulting in all packets meant for the tunnel being dropped with error :13
- Case #75945 always send/switch RE-INVITE t38 or G711 codec if the remote send "488 Not Acceptable Here"
- Case #75951 crash due to double free in IKE
- Case #75981 Call-distribution for voice-group does not take in account Admin Status of voice-port/BRI-PRI interface
- Case #76001 Swap of tunnels source (including PSTN link) crashes after several hundred of sequences (Include different fixes)
- Case #76038 SBC_NANO with trunk-group non-pilot number not allowed to place outgoing calls IPPBX to PSTN
- Case #76053 High call load caused the One700 to unintentionally reject incoming calls.
- Case #76072 snmp agent does not return the correct value (0) for oacSHDSLEndpointCurrMaxAttainableLineRate OID
- Case #76102 Improve memory consumption of OAMM (OneAccess Memory Management)
- Case #76103 SIP Gateway did not work at ONEOS16-VOIP_SIP_11N-V5.2R1E1
- Case #76105 user-list option of "ip nat static-napt" is not accepted on PSTN-interface
- Case #76108 Compared to registered Endpoint, snmp agent introduces a shift of +1 to oacVoiceSipServerPhoneIndex response
- Case #76114 Compared to registered Endpoint, snmp agent introduces a shift of +1 to oacVoiceSipGwPhoneIndex response
- Case #76169 Active call does not showed in "show voice voip-call any all" command.
- Case #76186 Reboot when executing show ip inspect per-host
- Case #76197 After a period of time, "DDSP failure 2 messages lost" error

message occurs

- Case #76251 SIP_GWINVITE_CO_180 & 181, UserInfo portion of P-Asserted-Id is not treated properly
- Case #76373 Follow-up of 73408: Calls distribution not working any more with map-q850-profile
- Case #76390 Just one SIP account registers after boot sequence
- Case #76432 CLI display using dtmf mode not working
- Case #76440 Call transfer using on hook not working
- Case #76483 No reset Counter with command show voice voice-port <bri ou pri> all reset to do nothing
- Case #76492 possibility to deactivate "reboot unreachable function" has disappeared since 4.3R4
- Case #76506 Tokheim testing CSO OAF: DSI crash in task 'TELNETD' in the function "ipsec_show_sa_ipsec".
- Case #76526 Configuration with 2 tunnels containing different source address, IKE: udp_create: <IP>:<port> must exist as a listener too
- Case #76531 warning message "Modem reset failed", reason: Voice service running
- Case #76532 Memory leak in the PSTN session state machine.
- Case #76539 Memory leaks when flapping interface tunnel with IPsec (20KB per occ.)
- Case #76553 device crashing after a tuck up tNet task caused by tNet task stuck
- Case #76557 sip-gateway does not come up when interface is attached to a vrf
- Case #76561 ISAKMP: #WARN# IKE: dropped message INVALID_COOKIE messages, after reboot ISAKMP succeeds
- Case #76588 Defense in IKE task "Crash caused by: Unix-like panic called (cause : refcnt error)"
- Case #76634 DSI crash in the task "tNetTask" in the function "isakmp_get_name_from_cpol".
- Case #76646 DTMF CLIP mode doesn't announce Call Waiting
- Case #76664 IBC SIP does not support/handle "+" as International prefix for

Calling and/or Called Party Number

- Case #76671 crypto CLI enhancements
- Case #76706 Calls do not progress in One700 after switching from SBC in a redundancy with active call
- Case #76714 Enhance WR_MM defense process during initialisation phase
- Case #76790 Message "Switching to Fatal Error Mode for WR_MM" on the console at startup: is this NOK?
- Case #76890 Call transfer doesn't work in the following case
- Case #76893 DHCP Client in VRF mode not answering to DHCP offers (EEM special attention)
- Case #76903 Continuous crashing in IKE process and no IPSEC sa is established (there is a ISAKMP sa)
- Case #76909 Add support of trap to catch memory overwriting in source code area (Conditional Compilation)
- Case #76911 IOT Ericsson MTAS # Algorithm=MD5 is not set for Authorization and Proxy-Authorization header
- Case #76930 Device totally unusable in the test setup with CMU (3G network simulator).
- Case #76938 Enable tracing for usage of Packet Fragmentation outside tnet
- Case #76945 Unlimited dial tone for second call
- Case #76953 New CLI command to force the signal level when the CIDCW occurs
- Case #76969 Add an instrumentation to trace files accessed in Nand Flash File System
- Case #76982 Reboot during show ip cache-forwarding sessions - VRRP context
- Case #77047 Display tNetTask stack in tNetTask stuck crashlog instead of monitoring task stack
- Case #77066 Maximum number of fragments stored for reassembling purpose: 200 --> Pool optimisation
- Case #77084 Reboot during tNet task stuck crashlog
- Case #77088 CLI: values in the help for configuration of ip fragment is wrong
- Case #77140 IP QOS shaper : do not post job to tNetTask if already posted

- Case #77141 Crash during defense process when fatal error is called
- Case #77145 Add a sanity check tool in order to check Nand Flash status
- Case #77168 Follow up of 76390: Just one SIP account registers after boot sequence if access-policy configured
- Case #77216 Remove the randomness in the encrypted password strings in the 'show run' output so that OneOS doesn't think the config is changed every time you enter the 'conf t'. {Temporary solution for Tokheim PR77139}
- Case #77223 arp resolution not working on FastEthernet 1/0 SFP LL2048 in special conditions
- Case #77236 defined UserInfor portion of clip-privacy-uri SIP URI does not override received Calling Party Number
- Case #77239 Reboot in lke task (Crash caused by: Program Error Exception): call to 0x0 in the function "message_packet_log" in the lke task.
- Case #77273 PPP deadlock generates a tNet task stuck with setup using "CMU/IPSEC"
- Case #77293 Error Assert failed blacklist_RegisterWhiteList due to Netflow/dpi
- Case #77298 Memory leak in IKE/IPSEC when PSK is encrypted in the configuration.
- Case #77299 IKE regression on XAUTH server causing illegal free of memory
- Case #77325 IKEv1: ISAKMP negotiation is failing when VRF is used, udp_create
- Case #77327 lke task's memory overwrite detected by OT instrumentation
- Case #77337 IKEv1: Removing dynamic crypto map from tunnel interface, IPSEC SA still exist
- Case #77347 Different issues with "reboot unreachable" command
- Case #77352 P-Asserted-Identity Display is not treated properly for sip-proxy bridge mode (sip-server to sip-gateway direction)
- Case #77360 satellite acceleration - one90 crash by memPartFree: invalid block in task lke
- Case #77365 Multiple message "invalid ipv6 route"
- Case #77385 Default ipv6 route appears on a specific prefix ipv6 route asked

- Case #77406 Use local memory pool instead of common memory pool in IP fragmentation
- Case #77411 Ike task's memory overwrite detected by OT instrumentation in udp_remove
- Case #77580 DSI Crash in IKE Task with Memory Overwrite Task instrumentation
- Case #77590 Reboot in tNetTask during a free of buffer due to buffer overwrite
- Case #77653 For Bridged PAI, Sip application shall respect detected ToN for extracted UserInfo portion
- Case #77719 T307 timer is not applied to right ISM session
- Case #77725 WBX140 Crash caused by: DSI, Event code: 0x0022683C
- Case #77819 Add command to include Interface-core (EAH Apps) into ZBFw zones
- Case #77842 snmp max-message-size not functional (v2 & v3)
- Case #77884 UPDATE 500 Server Internal Error during preannouncing phase
- Case #77904 Sierra module (MC8705) firmware update fails while the system is under heavy load
- Case #77934 OneOS reports bad download bandwidth
- Cases #77955, 78094 Reboot or crashlog after command: crypto key generate dsa 1024 no-confirm
- Case #77959 Command "bandwidth input" has no effect
- Case #77989 New CLI configuration of "ip route ... + dual BFD parameters <Physic_IFE GW>" is not taken into account
- Case #78003 SIP Gateway is required to support the Virtual-Ethernet Interface.
- Case #78015 Sierra module (MC8705) firmware upgrade fails when upgrading boot and application code in consecutive order.
- Case #78018 After several minutes, the number of MBUFs drops below a minimum level on the ethernet interface.
- Case #78022 show voice voip-call active all does not display anything when voice index is higher than 252
- Case #78108 Getting CLI output of "show tech-sup" from OPV using

"CWMP" as send CLI mode is not working

- Case #78138 OneOs crashes during 3G stability test
 - Case #78139 OneOs crashes during 3G stability test in the function "bn_sub_part_words" in the "IKE" task
 - Case #78153 MC8705 module not detected
 - Case #78164 PPI is lost after reboot/ and not available after set from ACS
 - Case #78345 ECMP not working properly with 2 interfaces in DHCP client mode
 - Case #78703 Device freeze on shutdown of tunnel interface when we have 2 crypto map in configuration
- V5.2R1E3
 - Firmwares and associated files update
 - Lantiq AVDSL software updated to T2970/00154
 - DSP version updated to V4R6E73
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E53, V5.1R5E12_FT5, V5.1R5E20_FT6, V5.1R5E29, V5.2R1C7_FT5, V5.2R1C9_FT8 except 73976 75826 76401 76455
 - Delivered customer tickets:
 - Case #58819 Wrong flashing of maintenance LED
 - Case #67310 IPv6 MTU Command is not supported
 - Case #69226 Show statistics tacacs per server - DIAG TOOL wish- E12_FT5
 - Case #70383 Possibility to store the SNMP v3 users in a separated file (default) or in the configuration
 - Case #70386 LBB320 Change of bandwidth behaviour
 - Case #71229 E20_FT1 DIAG TOOL show ip bgp summary inconsistent display
 - Case #71404 Number of ACL session with ip inspect stateful activated
 - Case #72094 PPTP tunnel setup fails if GRE static-ip forwarding is configured (MONO and DUAL)
 - Case #72210 Database RIP - modification of interface configuration not taken in account when modifying the subnet

- Case #72637 ONE425 Fiber
- Case #72966 E48_FT1 crash by DSI in task TELNETD maybe due to show voice voip-call any command
- Case #73031 problem with the fxs-disconnect-timer 800 command in V4.3R4E37
- Case #73334 Source-interface sets IP source address of any CWMP dialog from CPE/CNG but does not bind to this interface
- Case #73836 ISDN SETUP MESSAGE- After Timer T303 expires retransmit SETUP MESSAGE
- Case #73873 DHCP servers arp checking rennumbers device unnecessarily
- Case #73884 POODLE: SSLv3 vulnerability (CVE-2014-3566) -> SSL3 should be disabled
- Case #73944 ONE425 Fiber variant with 4BRI 4 FXS ports
- Case #73960 Increase Router protection when memoy is too low for instance with large # of Routes - Phase 2.1 - memory water mark
- Case #74109 When isdn level2 passed to up, no report with STATUS message to break the call
- Case #74246 NetControl (QoS Framework) enhancement: recognize class with percent (+ 74360)
- Case #74351 CWMP - ACS activation does not work sometimes properly
- Case #74360 NetControl (QoS Framework) enhancement: recognizes class PLATA if uses excess-allowed (with 74246)
- Case #74584 A crashlog occurs after command no interface Bvi 1
- Case #74618 Force End of dialling when detecting in-bloc during an incoming call
- Case #74763 Clearing the IPv6 DHCP binding freezes the CPE
- Case #74784 New IPPhone for IBC: Mitel 6867i replaces Aastra 6755i
- Case #74786 LBB320: monitor capture generates confusing syslog #INFO# Configuration update in progress / applied
- Case #74814 crash DSI in TELNETD - maybe related to show voice voip-call any all - reoccurrence of #70935
- Case #74821 While sip-transport is default value (udp), SIP TCP assigns closed TCP session to sip-server interfaces

- Case #74833 no timer rtp-receive shall disable function instead to set value to 1200 sec and shall be the default value
- Case #74855 ONE425 A/VDSL2 4B4V Wn
- Case #74887 Impossible to reestablish BGP sessions after clearing the sessions locally or at the remote ends
- Case #74916 dns-proxy fqdn command leads cpu process to 100%
- Case #74919 VDSL - TCP connection from host by CPE to BRAS are not terminated correct - SSH, Iperf
- Case #74996 DHCP Server Option Dec 2 0 do not work
- Case #75041 LBB4G Cellular interface MTU reduced to 1430 bytes with Run1.3 (Sierra Wireless MC7304)
- Case #75076 Packets dropped with static-napt and ip nat inside overload
- Case #75095 Get configurable the maximum length of Called Number to be sent to the PRI PBX
- Cases #75106, 75418 Telnet connection impossible from the central site on a PBXPlug30 connected behind a LBB140
- Case #75168 show ip bgp neighbor displays a duplicated EBGp neighbor
- Case #75304 One425 with AVDSL and Fiber
- Case #75319 ?ip dns-proxy dns-server ignore-no-such-name disappears after reboot
- Case #75335 SNMPwalk on ipRouteTable not possible: OID not increasing error
- Case #75396 IBC: Spanish language , voicemail menu is not played
- Case #75413 Firewall: command to remove interface to a zone syntax is incorrect on bvi and tunnel interface
- Case #75501 LBB140 media-type SFP not supported
- Case #75513 C9_FT7 sessions very slowly rerouted to new MAC address after ARP update (gratuitous or timeout)
- Case #75515 Spanish Language Repository: Phone status is displayed in english
- Case #75524 LBB130 bad error message while configuring media-type SFP
- Case #75624 Dialed-supp-service-profile for mgt-service local cannot deactivate activated CFx by keypad

- Case #75626 Display the rtp monitoring status
- Case #75644 Systematically put IP address of the user in remote address field of TACACS request packet
- Case #75675 BGP Route-map filtering in IPV6 not working
- Case #75688 Result of "show system task" over SSH session is not encrypted
- Case #75708 Voice routing fails to route calls from PABX
- Case #75802 bind ssh temp-acl <ACL> <timeout> no more available under conf t in V5.2R1E1
- Case #75807 DHCP server issue after ARP reply of the same device after a DHCP refresh
- Case #75837 IPsec fragment internally dropped - Wan EFM-PPPoE
- Case #75849 sip-gateway does not come up when interface is attached to a vrf
- Case #75851 snmpgetbulk ipRouteMask returns several replications of same OID
- Case #75884 Bandwidth shaping parameter cannot be set to value higher than 100Mbps on BVI interface
- Case #75906 For a display cli command inside voice-routing or show voice debug voice-routing all , one700 is crashing
- Case #75921 IPSEC tunnel (re-)negotiation does not start resulting in all packets meant for the tunnel being dropped with error :13
- Case #75922 Connect timer not working
- Case #75936 The command dialer-group ip <acl-in> in/out doesn t permit a ACL name more than 16 characters
- Case #75950 dialer-group ip command doesn t allow more than 16 letters
- Case #76103 SIP Gateway did not work at ONEOS16-VOIP_SIP_11N-V5.2R1E1
- Case #76121 Internal processing of a packet with as destination the address of a loopback interface is treated as a standard output and finally dropped
- Case #76123 PBXPlug crash by DSI in task TELNETD
- Cases #76267 76332 Defense triggered by "CORE1-local memory alloc" with very high number of sessions

- Case #76288 Problem in the help for the command no bind ssh (under configure mode)?
- Case #76372,83954 ghost IP route via LAN after LAN shutdown - overlapping subnets
- Case #76379 PPPoE won't come up.
- Case #76388 allow BGP neighbor disable-connected-check
- Case #76403 Router stuck during boot
- Case #76407 FTP upload in VRF mode is not working
- Case #76432 CLI display using dtmf mode not working
- Case #76434 Diversion header-filtering under Sip-gateway: no more invite
- Case #76435 VDSL Firmware V154
- Case #76455 Some packets are dropped when two concurrent ping sessions from PE to the LBB320
- Case #76515 UsbCdc_SetControlLineState : error -42 message displayed on console
- Case #76557 sip-gateway does not come up when interface is attached to a vrf
- Case #76673 access to address 0 in rib
- Case #76678 Usb 3G Sierra module: potential memory corruption when the Usb module goes down and up again.
- Case #76699 eem core task invalid pCliEnv
- Case #76704 Crash in the task Hub_Usb , when executing free --> free_withoutSema in the function UsbDevice_Create .
- Case #76706 Calls do not progress in One700 after switching from SBC in a redundancy with active call
- Case #76729 ORO One545-2V crash
- Case #76744 PPTP tunnel setup fails for multiple tunnels if GRE static-ip forwarding is configured
- Case #76848 ICMP TTL exceeded returned from invalid source 127.0.0.1
- Case #76877 Performance degradation / packetloss in Bridge Mode
- Case #76890 Call transfer doesn't work in the following case
- Case #77002 Crashes on DSP on intermediate release

- Case #77028 Timeout for response reboot unreachable command is 5 sec in V5.2R1 but 20s in V4.3R4, R6 and R7
 - Case #77253 Remove message from Console (tNetTask): ERROR: length of buffer must be different from 0
 - Case #77438 PRI layer 1 failure when E1 line flaps
- V5.2R1E2
 - Firmwares and associated files update
 - Voice level updated to V36N
 - DSP version updated to V4R6E72
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E53, V5.1R5E12_FT5, V5.1R5E20_FT6, V5.1R5E28, V5.2R1C7_FT5, V5.2R1C9_FT7 except 66333 67816 72277 73031 73279 74109 74294 74584
 - Delivered customer tickets:
 - Case #15580 L2TP not stable
 - Case #16174 Private : Interface L2Tunnel blocked after network
 - Case #33575 One80M loses one or more MLPPPoEoA Member Links
 - Case #40298 Mlpppoeoa / ACK_SENT lock state while ATM OK
 - Case #55957 MLPPPoE Error: netMblkChainDup Error after flapping PVC
 - Case #59764 Support for SIP Session Timer RFC 4028
 - Case #60725 Timer advertise on vrrp to adjust for IPv6
 - Case #62308 Clarification on DHCP options management
 - Case #62331 Phonebook on Aastra phones
 - Case #65270 One700 has Issues with DTMF while the One300 does not.
 - Case #65578 DynDns: no-ip : statistics not working
 - Case #65583 RFC4040: OA overwrites SDP of incoming INVITE with his own payload type
 - Case #66090 Counters in show policy-route-interface are common to policy, whatever the interface it is applied on
 - Case #66623 Message “no NAT configuration on this interface” when I supress an interface

- Case #66937 Sort IPv6 neighbors by interface type does not work
- Case #66951 show ipv6 route option
- Case #67603 Replacement of sequence in ACL
- Case #67759 IPv6: ipv6 host entries silently discarded
- Case #68275 VRRP v3 doesn't use the configured link local address
- Case #68845 Show system status (grammar)
- Case #69146 crash by DSI in tNetTask - regular LBB130 crashes
- Case #69360 Congestion management issue on PBXPlugV2
- Case #69563 CLI show ip access-list sizing - bad end of line management
- Cases #69599 73274 Crashlog system defense on wifi buffers
- Case #70235 LBB140 ADSL counters
- Case #70312 Support of FXS-160 daughter boards on ONE100D
- Case #70419 Package PROXY for ONE1560 with Sizing ONE90
- Case #70420 Enable SIP Proxy in MULTI Package (ONE2510) with ONE90 sizing
- Case #71578 CWMP - PIT: Time offset on expected PIT on BLB1000A and plugs
- Case #71871 Error while downloading a config
- Case #72058 Crash + anomaly in show bgp table
- Case #72300 CWMP generates hurl_parse no protocol if no acs url configure when IF becomes operational UP
- Case #72352 Following a Call Park/Suspend, received SETUP causes a NS_CONN_IN COLLISION for BRI interface
- Case #72421 SIP authentication based on dialpeer voip x setting doesn't work on SIP gateway and SBC Nano
- Case #72426 Last reboot cause = Unrequested hardware reset / Power On Reset (Power Up or External Watchdog)
- Case #72482 IPSEC crash by DSI in task Ike
- Case #72618 One line remark Limitation in ACL IPv6
- Case #72862 Crash by DSI in task TELNETD while executing show arp command

- Case #72951 Support of ISDN D-channel assignment & B-channel Allocation Direction
- Case #72963 IAD ONE100d / ONE425: Fax transmission fails upon receiving a T.38 offer
- Case #73157 ping6/traceroute6 don t display target IPv6 address
- Case #73168 early media not hear / no isdn setup ack when receive setup in block mode without A1 sending complete in ETSI mode
- Case #73189 Voice Quality Issue with Echo Cancellation and uLaw
- Case #73201 Immediate crash after PPPoE comes up (Dual Core Only)
- Case #73368 ISDN User-to-User Services (UUS1) is not transported in sip packets
- Case #73408 SIP status code change request: 480 to 486 and 500 to 480
- Case #73422 IPV6 prefix is not announce in RA packet with vrrp configuration
- Case #73497 Need to check Total B channel number of Input or Output TS on PRI , because call is transmit
- Case #73581 crash of LBB133 when sip-gateway is configured no shutdown
- Case #73706 RFC4638 PPP max-payload response not handled
- Case #73719 In voice gw configuration outgoing call is refused internally
- Case #73731 sip automat does not store/record extracted diversion_info to construct diversion or history-info header
- Case #73755 Permanent-layer1 function shortcut / bypasses /overrides the unavailability-q850cause 19 function
- Case #73785 For static TEI setting at BRI interface, while defined unavailability-q850cause is 19, ism automat detects State Disconnect Cause:38
- Case #73828 Call forwarding in bridge mode not working
- Case #73869 IBC - FXS phone installation : Mandatory reboot of LBB after changing the main-number within num-plan
- Case #73870 RE INVITE G711
- Case #73875 IBC - FXS phone installation : Mandatory reboot of LBB to avoid anonymous call after changing the main-number under numbering-plan
- Cases #73885 75028 LBB4G generates raw when unplug/plug power supply

- Case #73945 DGC Migration Project - One700 - dial plan management not working
- Case #73989 Error detected in startup configuration: configuration reviewed after upgrade
- Cases #74007 76262 While not defined, timer receive-rtp CLI command causes a release of on-hold call
- Case #74018 DSI crash in Telnetd due to show ip accounting atm 0.1
- Case #74054 crash by DSI in tNetTask
- Case #74080 No dialing after timer, # is needed for an outgoing call
- Case #74098 Spanish Directory search: some keys are hardcoded in french
- Case #74106 Wrong increment of MIB IPv6 counter ipIfStatsTable.ipIfStatsEntry.ipIfStatsOutOctets
- Case #74110 DHCP server - class-id / option 60 terminated by a null byte
- Case #74115 While voice_dpvp_get_oper_by_entity status is down, It returns a noroutematch 0 instead of routedown 4
- Case #74152 VRRP behavior on LBB320 - gratuitous ARP
- Case #74158 LBB310 Crash I2C error - tRootTask
- Case #74159 LBB310 Crash I2C error - tPoll
- Case #74160 Message I2c bus: arbitration error on bus 0 just after boot with GPON dongle (Sagem or Finisar)
- Case #74162 SFP cold-swapping - manual activation needed
- Case #74205 Parameter ip dhcp vendorid is not correctly saved if is used
- Case #74238 regular one300 crash by DSI in tNetTask or tIdle DUP of #74054
- Case #74313 The nano SBC reacts sometimes with a 503 ERROR on the local REGISTER messages of the PBX (FritzBox)
- Case #74331 Incomplete BGP trap when peer is established
- Case #74355 One700 Analog Lamp not lighting
- Case #74356 Crash caused by ISI while testing voice function
- Case #74364 ONEcell35 crash by DSI in tNetTask
- Case #74387 Nano SBC does not send registrations from time to time...

- Case #74452,74840 Flash not detected on several ports, ok for the other
- Case #74464 ISDN/SIP IWF # Indexing in History-Info header is wrong
- Case #74490 For a `display cli` command inside voice-routing or `show voice debug voice-routing all`, one100D is crashing
- Case #74492 Crash (with crashlog) occurs when Firewall and syslog are configured together.
- Case #74496 (Dual-Core only) systematic crash when trying to delete the `ip firewall zone` command from an interface.
- Case #74501 Voice-routing # OneOs records `alt-prefix` with `number-presentation restricted` while this option is not available
- Case #74512 for bridge as well B2B & Enhanced-B2B, `re-register-after-invite-403` CLI command shall force sip-gateway to go to registering state for a 403 on `Invite_RQ`
- Case #74513 For sip-proxy bridge, host portion of received P-Asserted-Identity shall be translated to defined `device-host-name`
- Case #74514 Failed registration of SIP trunk from dial-peer voice voip
- Case #74519 Packets not routed to LAN
- Case #74526 crash DSI in `tNetTask` - LBB130 VLAN config - neither `Bvi intf` nor `bridge-group` (not same as #74054)
- Case #74616 SIP-G cannot register when SIP-S is configured and authentication is defined within the Dial Peers
- Case #74626 With a PBR configuration, VRRP multicast traffic is routed on another IP interface.
- Case #74684 In Bridge Mode with Multicast Packet device traffic stops after a while on LAN and then crashes
- Case #74761 Enable tracking of static route inside a VRF (IPv4 - Phase 1)
- Case #74762 `show ip vrf interfaces` - Missing space between interface and VRF name
- Case #74833 no timer `rtp-receive` shall disable function instead to set value to 1200 sec and shall be the default value
- Case #74834 IPv6 PBR not working
- Case #74838 Caller ID information on Analog lines inconsistent between 5.2R1 and 4.3R7

- Case #74874 Traffic blocking if traffic sent during optical fiber connection (BSP 9x)
- Case #74929 Unable to make inbound calls to IP-PBX
- Case #74947 PBXPlug Crash by Memory Allocation Error - memPartAlloc: block too big - TELNETD
- Case #74979 Ping fails when LAN has native VLAN
- Case #75025 SBC nano bridge # for outgoing Invite-RQ from sip-gw, UserInfo portion of bridged PPI/PAI is the same as for From header
- Case #75027 DHCP Server: problem in loading configuration
- Case #75034 voip_external_cfx_process task at reboot of CNG causes a lock up of ISDN layer 2 & 3 of BRI interface
- Case #75054 Telnetd crashed when modification done in configuration via telnet
- Case #75063 hostname is missing in IPv6 options
- Case #75081 Remote CFx service, OneOs does not add *ServedAddress# behind configured service code into R-URI
- Case #75083 held-only End of 3 pty-conf FACILITY causes an error of DDSP matrix-connexion
- Case #75087 set snmp problem for a probe creation
- Case #75117 set snmp problem for a probe creation
- Case #75138 wrong Calling number using phone AT&T
- Case #75141 fast-path drops when two concurrent ping sessions
- Case #75228 "Switching equipment congestion" after one minute of an active call
- Case #75276 SBC Nano bridge # Host portion of bridged PPI into 200-OK (COLP) shall be the FQDN of sip-gateway
- Case #75333 ISDN/SIP IWF # SIP URI of History-Info header does not contain any host portion
- Cases #75356 75846 LBB320 crashlog Exception in Data Path Core
- Case #75362 ISDN/SIP IWF # Gigaset CX253 Facility for Call Deflection is not converted to 302 Moved Temporarily
- Case #75386 DNS-Proxy resolves "localhost" to public IP address

- Case #75419 Cancelling an outgoing call causes a DSI crash of one270
- Case #75433 ONE425 crashes after ECT then problem in CFB interrogation from Concept phone set
- Case #75434 SBC Nano bridge # Host portion of bridged P-Asserted-Id into 200-OK (COLP) shall be the FQDN of sip-gateway
- Case #75440 IPSEC fragment internally dropped - inbound traffic
- Case #75463 memory leak with PPPoVlan due to WAN PPP instability,
- Case #75467 nat static-napt not working - ok when debug (sp-fwd disabled)
- Case #75482 Interworking with Concept PA624I/P622 to be enhanced for CFX service
- Case #75491 Crash DSI in tNetTask
- Case #75496 static NAT broken - domain / DNS port should not be modified
- Case #75509 Crash "Data Storage (DSI)" during 4G resilience test
- Case #75512 Default route to the interface pstn not re-installed when the pstn interface come again up.
- Case #75546 interface GE 1/0 does not start after down-up cycle when traffic is flowing
- Case #75568 For Gigaset terminal, as for End-of-3pty conference operation, It holds 2nd call-leg, ECT operation is failed
- Case #75597 History-Info header of 302 SIP message issued from local CFX service does not contain Reason uri paramameter
- Cases #75668, 66334 EEMv2 Phase 2
- Case #75726 When an Invalid memory free is detected by the WxWorks Core MemPartLib: a defense_reboot/FATAL_ERROR is triggered (compilation mode 2)
- Case #75786 IMA over E1 / min_active_links should be able to be set to 2
- Case #75863 With no QOS defined, IF queue flush algorithm is doubled and can generate Panic Defense (for instance when modifying tunnel source address)
- Case #75951 crash due to double free in IKE
- Case #76197 After a period of time, "DDSP failure 2 messages lost" error message occurs

- V5.2R1E1

- Firmwares and associated files update
 - None
- Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E51, V5.1R5E12_FT5, V5.1R5E20_FT6, V5.1R5E26, V5.2R1C7_FT5, V5.2R1C9_FT7 except 58819, 60483, 66333, 70730, 71413, 71413, 71578, 71871, 73031, 73274, 73279, 73297, 73387, 73581, 74000, 74071, 74171, 74294
- Delivered customer tickets:
 - Case #59126 DHCP Request Unicast replace DHCP Discover Broadcast (after down/up ETH flap)
 - Case #59967 IPsec connections intermittently go down over 3G and cannot come up again
 - Case #61664 DPI: increase of the number of sessions in cache forwarding table when DPI/NetFlow is activated
 - Case #67208 [new-sizing-session-ZBFW] 2 sessions for un two-ways flow (tcp session) (part 2)
 - Case #68592 Dynamic total RAM size decreases
 - Case #69294 REGRESSION Cache forwarding and FTP
 - Case #69685 Loss of connectivity with IPv6-Ethernet-WAN after around 1 minute after router boot
 - Case #69771 BFD and static routes
 - Case #71738 "switchport vlan mapping remove" does not keep cos bits downstream
 - Case #71934 Crash, possibly PPP related
 - Case #71978 Interface dialer : "Down time" counter not reliable
 - Case #72479 IPv6 route not added after delegating a prefix
 - Case #72497 Insufficient Flash disk space to support software upgrade from OPV
 - Case #72569 Unexpected reload during password recovery ESC, CTRL+Y, CTRL+N with activated cwrp debug
 - Case #72628 Status LED off after loading configuration
 - Case #72724 Crash caused by: PSTN Down: Modem is blocked. Modem reset did not work

- Case #72987 while ADSL uplink is synchronized for Interleaved channel type, both AdslInterleave0 & AdslFast0 index are detected as up for ifOperStatus
- Cases #73021, 73135 Connected Routes not removed from RIB when 4G-PSTN interfaces becomes Dormant
- Case #73299 Identification error for reinit under interface dialer
- Case #73317 PPP-IPCP: stack must not check anymore coherency between frame length and IPCP length field
- Case #73605 Soon any debug is activated (mem/show), a restore factory-setting from CLI causes a crash of device (any type)
- Case #73741 ISDN/SIP IWF # for PRI int., Notify messages related to 3PTY notification are not treated as required by TISPAN 183 036
- Case #73767 DSL configuration issue
- Case #73784 Following an Inform Boot/Bootstrap, ACS sends a TCP-CR which is not treated by CPE
- Cases #73804, 72016 Feature ip qos congestion-management available on any package any LBB14X
- Case #73898 NetControl does not protect ICMP and port-map applications
- Case #73913 ip flow monitor UNICAST not available
- Case #74003 New CLI command required to activate the new DHCP pool behavior in case of DHCPrequest for blank binding database
- Case #74005 SIP ALG doesn't convert P-Preferred ID header
- Case #74042 PPP Uptime CWMP object is always empty even when pppoa is established
- Case #74088 The command snmp config ifDescr-with-space doesn't work ONE9x Only
- Case #74230 router gets blocked after receiving fragmented packet on LAN interface
- Cases #74249, 73671 Crashes on stress, related to Memory Mngt Unit auto-optimization seq not appropriate in intercore exch.
- Case #74279 ICMP packet losts when Fragmenting packets
- Cases #74313, 74387 Nano SBC does not send registrations from time to time

- Case #74355 One700 Analog Lamp not lighting
- Case #74365 crash by memPartFree: invalid block 0x100 in partition 0x1d5f178
- Case #74427 congestion-management - LBB310 congestion-management not triggered - drop in critical class
- Case #74514 Failed registration of SIP trunk from dial-peer voice voip
- Case #74525 DPI: traffic CTERA incorrectly detected and reported
- Case #74534 IPSec performance improvements for ONE1540/LBB230 devices
- Case #74565 Add Software License Management
- Case #74616 SIP-G cannot register when SIP-S is configured and authentication is defined within the Dial Peers
- Case #74837 With only 3G as WAN link, router loses, after a small delay, its 3G connectivity, though 3G signal is good (3 leds).
- Case #74910 Rapid net-pool common leak and freeze in DHCP
- Case #74952 Memory Leaks (and endly Mem Alloc Crash) with Tokheim config
- Case #75204 AT command to retrieve the IMSI number is displayed on output of show cellular-radio command instead of the IMSI
- Case #75217 Unexpected crash of router in tasks ZbFwFollowUp and tNetTask
- Case #75295 Tokheim configuration shows memory leak in IKE task.
- Case #75298 Several memory leaks in tCwmpSession task
- Case #75308 Router get stuck: no more IPSEC sa, sh run is not possible, sh cwmp output stuck
- Case #75383 Memory leak in IPv4 DNS
- Case #75370 Memory leak in tCWMPPerINF task.
- Cases #75372, 75470 Disconnection of an SSH connection causes a crash with MC memory debugging enabled.
- Case #75424 [DualCore only] fragments reordering problems that may for instance freeze Web Video viewing in heavy traffic context
- Case #75446 Tokheim configuration shows memory leak in tOTMTask task.

- Case #75528 3G configuration shows memory leak in tNetTask task.
- V5.2R1C13
 - Firmwares and associated files update
 - Lantiq AVDSL software upgraded to T2970/00151
 - Voice level updated to V36M
 - DSP version updated to V4R6E71
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E51, V5.1R5E12_FT5, V5.1R5E20_FT6, V5.1R5E26, V5.2R1C7_FT5, V5.2R1C9_FT6 except 58819, 59967, 65429, 66333, 71413, 71578, 71871, 71934, 72156, 72338, 72724, 73279, 73297, 73385, 73387, 73569, 73570
 - Delivered customer tickets:
 - Case #54031 ARP weakness - freeze of input output rate counters after 1500 packet limit reached
 - Case #58919 Action_ByeInCollisionSigSip causes a lock up of voip-session and its FXS port
 - Case #59764 Support for SIP Session Timer RFC 4028
 - Case #63866 Improper CLI description for seg-loopback option of a ping atm operation
 - Case #65270 One700 has Issues with DTMF while the One300 does not
 - Case #65408 IPv6 - statistics: Issue with mean input/output rate counters
 - Case #65679 Time slots configuration on PRI / possible PRI sub-interface to be used for voice-routing
 - Cases #67577, 78012 Internal interface Fe2/0 appears in public Mib on Lbb140
 - Case #67743 Malfunction or crash after configuring static DHCP lease and missing dhcp-static pool in show-output
 - Case #67747 Reboot when configuring dhcp network range
 - Case #68091 RTCP-XR development
 - Case #68200 IPv6 WAN Address negotiated, but not added to ATM interface
 - Case #68505 ip nat static-napt tcp with user-list not available on dialer interfaces

- Case #68984 IPv6 ND / RA problems
- Case #69246 OneAPM: customized application wrong name
- Case #69360 Congestion management issue on PBXPlugV2
- Case #69637 IBC: SIP-gateway registered on IBC as a SIP_Phone - outgoing calls impossible
- Case #69735 Wrong route for nomad VPN client when tunnel interface is used
- Case #69848 voice test-route command does not match incoming voip routes
- Case #70322 bad usage of net_timer API causes unwanted halt of scheduled action for interface rate/statistics update
- Case #70339 tacacs-server key doesn't allow keys longer than 46 characters
- Case #70385 Min PCR value has changed from 63820 to 64000
- Case #70396 SIP Register Authentication Behaviour
- Case #70517 SBC Nano SIP trunking # sip-username/prefix of voice-routing route required to treat Ip-PBX registration overrides received UserInfo portion for R-URI and To
- Case #70937 Support of 30 "dial-peer voice voip" interfaces
- Case #70966 Previous VLAN Tagging available around Native Tagging in prev Release does not work V4.3R7 only
- Case #70989 E20_FT1 - some ghost sessions
- Case #71002 E20_FT1 BIVSIP register failure
- Case #71023 show command is responding in french
- Case #71134 2 x RE-INVITE instead of 1 in case of fax incoming
- Case #71151 E20_FT1 BIVSIP crash in tVoiceVOIP by Floating-point Unavailable or Program Error Exception
- Case #71199 E20_FT2 DIAG TOOL - new CLI show system tasks displays nothing - TAC#65008 delivered nothing
- Case #71321 Crash on LBB320 in BVPN configuration
- Case #71343 Crash on LBB320 - PR70674
- Case #71371 WiFi connection not cut when removing a restricted MAC address

- Case #71393 NAT static on 3G interface
- Case #71409 (OneOS92-MULTI only) Tacas authentication succeeds but privilege is null (priv=0)
- Case #71433 unregister / register didn't go out of IAD / buffer leak
- Case #71463 Command no ie-uui in voice port is extended after save run to no ie-uui enabled
- Case #71592 Not enough memory with recent Edition in some ONE300 configuration, makes device crash
- Case #71678 DNS SRV # As there is a next entry available (url/ip @), while Invite request to 1st url/ip @ is not answered, there isn't any new registration to next entry
- Case #71733 ISDN/SIP IWF # Hunting causes auto-ISDN to send 26 as Release cause while it receives 91 from ISM
- Case #71821 ISDN/SIP IWF - P2M - S0 bus # CNG shall release accepted Call-without-channel Call-Leg
- Case #71969 Debug voice r2 on not working
- Case #72288 double reinvite G711 sur appel entrant G3 G3 de FT vers one100D EFM
- Case #72321 Match on DSCP field IPv6 doesn't work in ACL
- Case #72394 ISDN/SIP IWF - 3PTY conf # 2nd 3-pty conf activation is failed
- Case #72400 SIP TCP release timeout doesn't work
- Case #72406 FR 69360 (release ghost calls) step 2: add CLI for statistics
- Case #72421 SIP authentication based on "dialpeer voip x" setting doesn't work on SIP gateway and SBC Nano
- Case #72487 E20_FT4 ISDN management of RELEASE from PABX - suite TAC#70989
- Case #72489 Requested extension of CLI command sip-gateway user-agent
- Case #72509 show soft-file info does not show One410
- Case #72523 pppoe-client over ATM-AAL5 doesn't work with Huawei DSLAM
- Case #72553 Auto-Update cannot access PPP login credentials of cellular controller profile
- Case #72580 IPv6 addresses sometimes kept in not ready tentative state

(DAD incomplete)

- Case #72597 SIP-Server ALWAYS acknowledges every other SIP Registration request even when it should reject it
- Case #72877 IPPing Profile, version 1 as defined in TR-098 is not covered in InternetGatewayDevice.DeviceSummary
- Case #72879 IPPing Profile, version 1 as defined in TR-098 does not contain HDM device type file
- Case #72884 Malformed Inform message leads to unavailability for troubleshooting
- Case #72886 Reported external IP address in TR69 inform message of One425 reveals IP address 0.0.0.0 when readout from ACS
- Case #72903 Changing ACS URL via SetParameterValues: response cannot be transmitted
- Case #72931 Layer 1 Problems regression from
- Case #72932 SIP Trunking via SIP P-ASSERTED-ID header
- Case #72943 Setting faxrelay priority via TR-069 is not compliant to CWMP norm (no sequence should be necessary)
- Case #72945 isdn level 2 never up after flapping on PRI
- Case #73045 RFC2544 throughput test failed with 64 bytes frame size (OneOS9X Only)
- Case #73047 CWMP: Active Notification is not enabled for External IP Address, however device sends VALUE CHANGE in case getting new IP address
- Case #73050 misbehavior of OSPF routes table updating
- Case #73054 Direct-call with timer never stops Dial-tone even after the event call connected
- Case #73061 CWMP - Enable Passive Notification for a parameter (Current Time), CPE does not include this in the next ConnectionRequest inform
- Case #73064 cwmp - CPE sends UDPConnectionRequestAddress in inform after initiating the firmware update via GUI
- Case #73072 EEM v2-Phase 1 update
- Case #73085 ISAM warning for SHDSL
- Case #73110 Console go in tshell mode when telnet session in shell is

disconnected for time out follow-up of 70212

- Case #73174 SNMP trap for BGP not fonctionnating
- Case #73185 CWMP - Provisioned parameters from ACS are not readable out or have default values instead
- Case #73187 CWMP - Set of some parameter with value Complete is accepted from our device which is wrong behavior
- Case #73190 SBC nano sip-proxy bridge # PR 72135 - Implementation not compliant to SIPconnect 1.1 as required for SIP-PBX IWF
- Case #73266 CWMP - Activation from WebGui not working with ONEOS16-VOIP_SIP_11N-V5.2R1C10_NB91225_HB3_T5
- Case #73305 CWMP - PPing Test not working - Daignostic complete not send after finish
- Case #73310 Crash in tDhcp6cTask when change config for IPv6
- Case #73368 ISDN User-to-User Services (UUS1) is not transported in sip packets
- Case #73388 While defined SIP transport is udp, default udp port 5060 is set inside SIP URI of FROM header
- Case #73398 Use semBtake under Interrupt context
- Case #73404 use semaphore before it be initialized
- Case #73458 OneOs does not support MF100 FXS card
- Case #73460 MAC address table Timeout
- Case #73514 IBC: out-call-restriction doesn t work in V5.1
- Case #73518 maximum size of SIP header in command show voice global memory didn t appear on ONE540 V4.4
- Case #73597 Regardless defined VRF instance, DHCP pool inside default-router/vrf and DHCP pool inside defined VRF are not fully isolated
- Case #73621 Change value of sig-conf pulse-dial to 0/59,1/33 10
- Case #73646 Integration of the Lantiq VRX268 v151 firmware in OneOS
- Case #73705 (DualCore only) Packet discard on size change with FathPath on PPPoE
- Case #73708 oacExpIMManagement MIB is not writable and TFTP transfer cannot be launched

- Case #73731 SIP/ISDN IWF # sip automat does not store/record extracted diversion_info to construct diversion or history-info header
- Case #73755 Permanent-layer1 function shortcut / bypasses /overrides the unavailability-q850cause 19 function
- Case #73771 dpi port-map freezes telnet if no file portmap.txt is present in flash:/netapm/ ONE90 only
- Case #73785 For static TEI setting at BRI interface, while defined unavailability-q850cause is 19, ism automat detects State Disconnect Cause:38
- Case #73803 While layer1 to 3 are established, OneOs applies the value of unavailability-Q850cause as if the layer1 & 2 are down
- Case #73828 Call forwarding in bridge mode not working
- Case #73895 EEM applet is unexpectedly triggered after tracking event is deleted
- Case #73917 Unexpected Error message displayed when configuring EEM watchdog [ONEOS90/92 Only]
- Case #74013 Voice level V36M
- Case #74202 Crash when "switchport port-security" is configured
- Case #74212 Restore factory setting freezes randomly
- Case #74298 Crashlogs occurring after VRRP tests (telnet, capture, transfer by tftp in the same time)
- V5.2R1C12
 - Firmwares and associated files update
 - Lantiq AVDSL software upgraded to T2970/00150
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E50, V5.1R5E12_FT5, V5.1R5E20_FT5, V5.1R5E24, V5.2R1C7_FT5, V5.2R1C9_FT5 except 58919 69164 72487
 - Delivered customer tickets:
 - Case #55070 logging timestamp uptime displays wrong uptime
 - Case #62107 IPv6 Interface ID negotiated correctly, but wrong IPv6 address is generated
 - Case #63094 Router reboots with Unix-like panic called cause : m_hardcopy

- Case #63658 Defense on wifi buffers reboot
- Case #66370 Radius request does not use specified Loopback source interface
- Case #66405 Follow-up of 66298: Reboot during load test
- Case #66749 Configuration of interfaces stored in sequential order
- Cases #67154, 71813 Performance on LBB140 on VDSL is not achieving 30/70 Mbps with CFW and QoS
- Case #67978 "excess-rate-priority" command accepted but ignored
- Case #68371 No console message with "power redundancy mode"
- Case #68578 IPv6 uses wrong interface identifier in PPPoE
- Case #68813 Increase Router protection when memoy is too low for instance with large number of Routes
- Case #69246 OneAPM: customized application wrong name
- Case #69438 Last reboot cause = Unrequested hardware reset / Power On Reset (Power Up or External Watchdog)
- Case #69688 Wifi automatic channel selection (among channels 1, 6, 11) - complement
- Case #69739 Remote SSH command
- Case #69741 Defense on wifi buffers in queue 0
- Case #69838 Built On Demand instrumented versions
- Case #73451 new Device ONE525-2V (2FXS, 2ndCore for PacketSmart, 60 calls, 100 Kpps) (OneOS Part)
- Case #70212 How to properly exit TSH on a telnet session ?
- Case #70432 Error during configuration cleaning
- Cases #70634,72970 Telnet / BGP / SNMP frozen again - ICMP ping OK
- Case #70689 Atm0.2: incorrect update of the routing table
- Case #70749 Bad instance for InternetGatewayDevice.LANDevice.1.WLANConfiguration.1.PreSharedKey.X.PreSharedKey
- Case #70935 Reboot by DSI in task TELNETD
- Case #70951 VDSL configuration - get-param InternetGatewayDevice.WANDevice.1.WANDSLInterfaceConfig

- Case #70989 Some ghost sessions
- Case #71003 Invalid value in InternetGatewayDevice.WANDevice.1.WANCommonInterfaceConfig.PhysicalLinkStatus
- Case #71059 Invalid value in InternetGatewayDevice.WANDevice.1.WANConnectionDevice.1.WANDSLLinkConfig.LinkType
- Case #71225 Clear reboot counters CLI overwrites Last Reboot Cause
- Case #71282 PCI DSS compliancy : New Events reporting Logging attempts to the Device
- Cases #71409, 71838 Wan locks after several minutes with configuration including (QoS, IPSec)
- Case #71463 Command "no ie-uui" in voice port is extended after save run to "no ie-uui enabled"
- Case #71525 Exiting SSH session non gracefully generates reboot by DSI in trMemTask
- Case #71551 "ip dns-proxy exclude-address" not respected for TCP DNS queries
- Case #71579 Clock time zone configuration error
- Case #71600 High volume of Last reboot cause = Unrequested hardware reset Watchdog
- Cases #71644, 76501 DHCP issue
- Case #71758 OSPF on the LAN does not work on LBB210 in SDSL EFM configuration (based on dialer).
- Case #71779 When configuration are important (> 1800B): copy/paste to DUT from console session misses ending config [ONE9x]
- Case #71834 Wrong PLMN displayed
- Case #71960 Instrumentation Version
- Case #71982 ip dns-proxy exclude-address: virtual-ethernet interface option missing
- Case #72001 OSPF does not work on LAN if IP on WAN uses the same address as LAN (ip unnumbered bvi)
- Case #72033 Multiple trigger monitored-interface # To be taken in account, defined trigger monitored-interface shall detect an "Received known

activation IP" event

- Case #72086 Inform message and ExternalIPAddress path
- Case #72199 No incoming SIP/TCP connection from sip-server to IP-PHONE
- Case #72208 command "random-detect dscp 32 64 192 10" is rejected by CLI
- Case #72214 During "tacacs-server hostname password" setting, OneOs tries to resolve defined hostname event ip network is not reachable
- Case #72239 OneOs untars downloaded .tar file under /EAH/install sub-directory
- Case #72328 MIB IPV6 table ipTrafficStats : ipIfStatsHCOctets (IPv4 and IPV6) - ipIfStatsHCInOctets (IPV6) counter always zero value
- Case #72406 Release ghost calls - step 2: add CLI for statistics
- Case #72514 Crashlog occurring with Xping sessions with fragmentation
- Case #72520 PPP breaks when duplex traffic overload 125% line speed 4604K on efm line
- Case #72565 "reboot at" accepts 4-digit year, but only evaluates the first two digits
- Case #72597 SIP-Server ALWAYS acknowledges every other SIP Registration request even when it should reject it
- Case #72765 failure if "snmp-server unicast" already exist in configuration
- Case #72845 Memory leak due to connection/disconnection of peer BGP
- Case #72873 Invalid value for InternetGatewayDevice.WANDevice.1.WANConnectionDevice.1.WANPPPC onnection.2.DNSServers
- Cases #72947, 73322 Inbound Address Translation (NAT) with PPOE is not working at high packet rate: >10.000 fps(ONE2510 only)
- Cases #73030, 73565 LBB320 crash by DSI in mcdpMgmtTask
- Case #73077 MIB Update with new LBB platforms
- Case #73152 While defined "snmp server" hostname is not resolved OneOs cannot override an existing entry
- Case #73159 Loss of performances
- Case #73160 ADSL2+_LBB140 vs all DSLAMs_ATU-R Inventory test - lack

of chipset model information

- Case #73195 or reboot operation for default-bsaStart.cfg, CNG reboots due to "crypto key generate dsa1024 no-confirm" CLI command
- Case #73214 ISDN/SIP IWF P2MP # For 2 application cases, REFER method for ECT is rejected by a 603 declined from IMS
- V5.2R1C11
 - Firmwares and associated files update
 - Voice level updated to V36L
 - DSP versions updated to V4R5E75A and V4R6E68A
 - OneAPM version updated to 3.3.1
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E50, V5.1R5E12_FT5, V5.1R5E20_FT4, V5.1R5E24, V5.2R1C7_FT5, V5.2R1C9_FT3 except 55070 63094 69164 70935 71525
 - Delivered customer tickets:
 - Case #47190 Possibility to redirect a show tec-sup in a file on the flash of the LBB
 - Case #57556 Clean statistics when suppression of sub-interface dot11
 - Case #59002 PPP bloking issues
 - Case #59818 Reboot cause: server_dispatch_message(), task: SM
 - Case #62223 Crashes with traffic in multi VRF configuration and dual router architecture
 - Case #65333 SIP-NOTIFY with "CHECK-SYNC" or "RESYNC" event
 - Case #66229 INVITE 302 Moved Temporarily is handled differently in enhanced back-to back compared to back-to-back
 - Case #66320 DSP crash
 - Case #66434 Interface wifi dot11radio 0/0.1 missing in show running-config
 - Case #66440 MIB GDOI
 - Case #66788 SNMP timeout on query from multiple interfaces/vrfs
 - Case #66947 Router can not be configured in a MLPPP configuration
 - Case #67035 SNMPv3 - Encryption algorithms

- Case #67067 xconnect-qos-map supports IPV6
- Cases #67208, 72570 ZBFW new sizing
- Case #67305 Only 1 IPv6 AccessList can be applied to the interface Dialer
- Case #67743 Malfunction or crash after configuring static DHCP lease and missing dhcp-static pool in show-output
- Case #67763 IPv6 name resolution (DNS) nonfunctional
- Case #67854 OneAccess 700 2 port PRI block sip sessions
- Case #67933 Request to have the command sip-183-alerting available again to resolve an no dialtone issue with old PBX
- Case #68090 CWMP # InternetGatewayDevice.DeviceInfo.ModelName Value = One150 for a one445 device
- Case #68091 RTCP-XR development
- Case #68093 Option 160 for auto-update
- Case #68245 IANA port in NetAPM
- Case #68505 ip nat static-napt tcp with user-list not available on dialer interfaces
- Case #68538 Diagnostic test for One150 FXS lines
- Case #68550 ipv6 verify reverse-path stops ANY ipv6 traffic forwarding
- Case #68558 IPv6 ACL can only be set for one direction at dialer 1 interface
- Case #68693 AVDSL Lantiq R7 integration
- Case #69217 AAA Authentication request to include Vendor ID
- Case #69344 Device reboots when executing GPV on CWMP object
- Case #69360 Congestion management issue
- Case #69436 Router hangs if bad bsaStart file is present
- Case #69456 BPDU guard extension to block port (part 2)
- Case #69574 IPv6: Both primary & secondary routers are VRRP masters (only when several @ configured on sub-interface)
- Case #69734 Shutting down an IPsec tunnel interface stops all IPsec services
- Case #69893 snmp-server source interface VRRP
- Case #69898 PRI version changed from (5/0-v2.2) to (5/0-v1.2)

- Case #69905 Wrong modelname in TR69 datamodel
- Case #70151 Wrong sizing of DPI sessions
- Case #70167 Port-Security - limit MAC addresses per port (MAX-HOSTS configurable per port)
- Case #70231 Detail and improve show system hardware info
- Case #70232 Incoming call mapped on the wrong dial-peer voice voip
- Case #70283 Connected route (GRE tunnel) present in sh debug rib but absent from routing table
- Case #70317 CLI to activate / deactivate CFW
- Case #70422 ISDN-Analog/SIP IWF and B2B/bridge # tgrp URI parameter is ignored by SIP application
- Case #70489 MCID activation failing
- Case #70543 For command ip ssh auth-retries <1-3> the default value 3 is not working correctly
- Case #70555 As extracted username is not registered, re-register-after-invite-403 is not applicable
- Case #70589 For Invite request without answer (last learnt URL), sip application doesn't start any DNS SRV query
- Case #70720 OSPF: Router reboots while modification of @IP
- Case #70797 Received End of 3-pty conference Facility doesn't cause any re-Invite for both established call legs.
- Case #70821 Fail over, dns A query for 2nd URL is generated too early
- Case #70971 Incoming failed fax call from Fritz ISDN card to Brother fax machines
- Case #70977 Router reboots in BVPN configuration
- Case #70979 Received CLIR call at sip-gw end causes an answer for COLR instead of COLP
- Case #71002 BIVSIP register failure
- Cases #71004,71006 Invalid value in some CWMP objects
- Case #71023 show command is responding in french
- Case #71035 When devalidate time-slot, number of channel is not decrease
- Case #71112 DHCPv6 server didn't deliver ipv6 address

- Case #71120 Use native with other vlans in the same interface
- Case #71123 Reboot caused by critical memory level reached
- Case #71142 Router reboots when activating sip-server
- Case #71151 Reboot in tVoiceVOIP by Floating-point Unavailable or Program Error Exception
- Case #71216 Default WiFi channel = 6 instead of 11
- Case #71261 Reboot with SBC Nano bridge-transparent using SIP Over TCP
- Case #71277 Bad UDP checksum
- Cases #71321, 71337 Router reboots in BVPN configuration
- Case #71339 The router will reboot when attempting to configure Ethernet CFM on the Gig 1.0 interface.
- Case #71439 OpenSSL Security Advisory 05 Jun 2014
- Case #71440 re-Invite from Ip-PBX, to construct PPI header sip application doesn't set phone-number-sz and host-sz values
- Case #71485 Legacy phone on FXS ports not ringing
- Case #71515 CIR = PIR not allowed
- Case #71532 A loud humming noise is produced when call is put on hold
- Case #71584 Mask /31 does not work on WAN interfaces
- Case #71598 SIP sessions not released
- Case #71602 SubVPN - stats: packets dropped by Congestion Management
- Case #71616 Discards in show interfaces
- Case #71713 Support of xconnect
- Case #71730 Rx Bye request for one of Call-Leg doesn't restore audio flow for other leg while retrieve is done
- Case #71757 At startup, lines passive-interface Dialer x not accepted in OSPF configuration
- Case #71794 server that stops answering in the middle of the connection
- Case #71801 InternetGatewayDevice.DeviceInfo.ModelName Value = One999 for a one100D device
- Case #71812 Ip-PBX to IMS direction - PAI are not treated/forwarded by sip-

gateway

- Case #71824 Verisign Version 3, cross-signed certificates are not supported by CWMP function
 - Case #71829 CallWaiting, a loud mitraillette noise is produced when call is put on hold
 - Case #71837 WLAN in show system hardware
 - Case #71942 Ethernet OAM can not be configured because of crash [DualCore]
 - Case #71959 DHCP relay problem
 - Case #71996 VLAN tag not removed from outgoing frames
 - Case #72016 ip qos congestion-management... not managed
 - Case #72018 storm-control unicast nok
 - Case #72073 power local xx does not reduce the power output
 - Case #72092 ip ftp source-interface not working with copy
 - Case #72097 show ip qos congestion-management
 - Case #72123,87952 Router reboots in functiun nd6_na_input
 - Case #72199 No incoming SIP/TCP connection from sip-server to IP-PHONE
 - Case #72226 SSH crashes with cmd: show voice h323-gateway or show tech-sup
 - Case #72238 Mistake in 'show interfaces'
 - Case #72394 2nd 3-pty conf activation is failed
 - Case #72456 Activation does not work properly, if firmware update is done during activation
 - Case #72617,71752 SNMP SET for jitter fails
 - Case #73451 new Device ONE525-2V (2FXS, 2ndCore for PacketSmart, 60 calls, 100 Kpps) (OneOS Part)
- V5.2R1C10
 - Firmwares and associated files update
 - Lantiq AVDSL software upgraded to T2970/00146
 - Voice level updated to V36K

- DSP versions updated to V4R5E75 and V4R6E68
- Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E49, V5.1R5E12_FT5, V5.1R5E20_FT2, V5.1R5E23, V5.1R5E20_FT3, V5.2R1C7_FT5, V5.2R1C9_FT2 except 66788 69164 70317 70720 71216 71602
- Delivered customer tickets:
 - Case #45788 LED Status Read via CWMP
 - Case #53588 CPE does not manage correctly nonce value in the REGISTER messages
 - Case #58666 Error response to DNS_SRV query, DEFV_REG_SEND_MSG_REPEAT timer overrides Reg-interval-timeout
 - Case #59818 Crash - cause: server_dispatch_message(), task: SM
 - Case #60519 Different behaviors for the BYE message
 - Case #60808 SIP gateway registration lost
 - Case #61440 CPU load counters
 - Case #62148 SIP Forward_ERROR
 - Case #63036,70907 Load congestion management with discrimination of critical flows
 - Case #64012 Implementation of adaptive Jitter Buffer to cover the HA results
 - Case #64104 OneAccess providing incorrect ifSpeed
 - Case #64165 Display CPU usage for multicore (show, history, snmp)
 - Case #64682 Feature adaptative jitter
 - Case #65132 crash memPartFree
 - Case #65242 CFU NOK when ringback-message enabled within ibc external trunk
 - Case #65334 Multicast configuration OA100 sync issue
 - Case #66010 CPU limitation customization
 - Case #66121 The command fqdn-resolution-protocol dns no-ttl verified doesn't exist in release V5.1R5E17
 - Case #66229 INVITE 302 Moved Temporarily is handled differently in enhanced back-to-back (NOK) compared to back-to-back (OK)

- Case #66255 the FXS port doesn't work the same using a corded phone or a cordless phone
- Case #66298 SIP incoming call failure cause 47 resource pb
- Case #66320 Crash recurrent
- Case #66388 Audio port not translated(NAT)
- Case #66778 timer of Ras intrusif is not the value of CLI
- Case #66868 SIP-OPTIONS with PROXY package Issue
- Case #66893 To accept then response to ISDN facility, BRI voice-port shall have dialed-supp-service-profile set and any voice-global setting
- Case #66998 Reason header field: lower-case q instead of upper case Q for Q.850 for protocol value
- Case #67056 Errors in ADSL counters
- Case #67089 Extension of the QoS precision improvement implemented on the LBB320 to other hardware platforms
- Case #67166 REGISTER didn't go out of IAD / SIP stack return error (in congestion on input) /buffer leak
- Case #67263 Crash du to memory allocation error
- Case #67507 DATA ISDN BACKUP on PRI / MLPPP
- Case #67587 AppInside: request for documentation or development?
- Case #67614 SIP Proxy doesn't use full contact uri for INVITE
- Case #67662 calls handling of 17 userbusy
- Case #67754 IPv6: debug ipv6 packet in nonfunctional
- Case #67765 IPv6 DNS-Proxy not responding on link-local address
- Case #67848 Crash warning message after reboot on a WiFi config
- Case #67877 Device blocking after big ISDN setup message with double IE \$18 + IE \$1c
- Case #67932 activation diversion with facility message does not work
- Case #67943 LED com: status adjustment on voice-port tracking-condition
- Case #68031 manipulating the called number in combination with the call-forwarding during-routing results in a missing ISDN dial tone
- Case #68077 Pre processing shall detect the LastReroutingNb extracted

from Facility as Calling-number, not Called-number

- Case #68081 LED com: bad display when voice-port is not configured
- Case #68107 R2 Legacy migration - Declined outgoing calls not released correctly
- Case #68117 ISDN Restart procedure not fully compliant on the 6 standard cases
- Case #68236 Aastra IP phone autoprovisioning
- Case #68257 LED com: sip-gateway registered/unregistered not taken into account to status on LED com color
- Case #68358 status of the led com
- Case #68498 While ToN of Calling/From is set to international by post-processing, + prefix is not added at front of number
- Case #68500 received <i><cc><msn> in PAI is pre-processed as National number
- Case #68517 PAI for COLP inside 183-Session Progress from sip-server is copied from From header field of recorded voip-session
- Case #68599 SIP UPDATE method is not handled by the nanoSBC
- Case #68767 Wrong Output of test-route in voice-routing
- Case #68829 Idle cell errors counter increasing heavily
- Case #68925 Digest username= is incomplete in the SIP registration.
- Case #68963 SBC Nano bridge # Restored/unlocked
- Case #69112 Insufficient pots-group resource issue for the FXS port.
- Case #69172 Memory loss of about 0,2 % per hour
- Case #69205 DIAG TOOL icmp echo reply is accounted twice by match counter in ACL
- Case #69210 While contact has been set as mode, trunking-mode inside dial-peer voice voip takes also P-Preferred-Id in account
- Case #69220 SIP stack # SIP_INVITE_IN treatment doesn t allow to generate SIP_INVITE_RQ
- Case #69236 SBC Nano sip-proxy bridge - Multi Trunks # For Invite Request, SIP application sets UserInfo portion of Contact Header as phone_number instead of user

- Case #69291 crash caused by DSP failure in live network
- Case #69301 SBC Nano: SIP OPTIONS issue in Selective Transcoding Mode
- Case #69341 TR-098 objects needed for PPPoE credentials
- Case #69414 Reboot mempartfree invalid block
- Case #69415 Display name field behavior for SBO evolution
- Case #69421 BGP routes absent from routing table in just one VRF. Present in other VRFs.
- Case #69427 Discrimination of critical flows Impact of the new mechanism on non-critical flows
- Case #69456 BPDU guard extension to block port
- Case #69504 API dot1agCfmMepActive returns wrong answer first time when device reboot
- Case #69525 Alert: #INFO# ACL: maximum number of failed sessions reached
- Case #69688 Wifi automatic channel selection (among channels 1, 6, 11)
- Case #69704 Voice level V36K
- Case #69719 Crash on task IBCdevstate
- Case #69797 Dialed-suppl-service-profile # mgt-service remote shall be restricted to received ISDN Facility
- Case #69890 Storm-Control enhancement: limit broadcast, multicast & unknown unicast traffic to % of available bandwidth
- Case #69985 Inconsistent method to extract the registration timeout from Expires header or parameter
- Case #70010 While sip application computes properly register request for a username, SIP stack does not send 200-Ok
- Case #70012 Advice Of Charge - tax pulse not generated on FXS ports
- Case #70077 PPPoE won t come UP anymore
- Cases #70078,70220,70201 ADSL synchronization not stable
- Case #70122 Second interface atm-aal5 dialer won t come UP when configured
- Case #70167 Port-Security - limit MAC addresses per port (MAX-HOSTS

configurable per port)

- Case #70269 Calls rejected with 487 request terminated in bridge mode
- Case #70291 Debug ip rip event command displays corrupted IP addresses
- Case #70343 PPPoE on ATM 0.1 disrupted every few seconds
- Case #70395 Reboot every 12 days due to memory leak maybe in IP accounting
- Case #70399 Reboot in telnet task maybe due to CLI show voice dial-peer voice voip all current
- Case #70441 SSH: SSH client closed connection to <end password>@serverIP: Disconnect received
- Case #70471 IBC package FT on LBB141-LBB142
- Case #70528 WARNING message: Got invalid input bandwidth 0 (<= 0) on Atm interface
- Case #70565 pstn interface cannot be configured under BGP neighbor as update-source
- Case #70636 Crash in Selective-transcoding-mode
- Case #70663 SSL hostname verification not working
- Case #70704 LED status is not readable from ACS
- Case #70725 Reboot occurrence for Invite received from OXE ALU Ip-PBX
- Case #70733 Problem with setting InternetGatewayDevice.DeviceInfo.ProvisioningCode after PPP credentials
- Case #70744 CPE Management through changing WAN interface on a multiple WAN links router
- Case #70763 VDSL configuration - WANDevice - ExternalIPAddress retrieval
- Case #70797 Received End of 3-pty conference Facility doesn't cause any re-Invite for both established call legs.
- Case #70845 ip local sessions not closed
- Case #70881 Layer 1 of PRI 5/1 is staying down (LOS)
- Case #70904 Received End of 3-pty conference Facility causes an Switi dest:0/1 already connected error message
- Case #70971 Incoming failed fax call
- Cases #70977,70435,71234 Crash on LBB320 in BVPN configuration -

Crash on LBB320

- Case #70997 show ip inspect sessions local does not work
 - Case #70998 Non-compliant behaviour of SetParameterValues when setting PPP credentials
 - Case #71009 Wrong value in InternetGatewayDevice.DeviceInfo.ModelName
 - Cases #71024,71344 Multicore reboots when sending lots of sessions over the DUT
 - Case #71025 GetParameterNames not working (maybe because of NextLevel argument)
 - Case #71054 ProvisioningCode lost after TR-069 initiated Reboot
 - Case #71102 Reproducible crash in task PPPOE_FRWK_C_2
 - Case #71118 When configuration are important (> 1800B): copy/paste to DUT from console session misses ending config.
 - Case #71147 cpe_engineering - LBB320 monitoring
 - Case #71209 LBB310 part 1
 - Case #71292 Cannot configure PWE3 (xconnect) on 1560
 - Case #71308 New package ONEOS90-VOIP_PROXY_11N_FT
- V5.2R1C9
 - Fix level:
 - V5.1R4E3, V4.3R6E4, V4.3R4E49, V5.1R5E12_FT5, V5.1R5E20_FT2 and V5.1R5E22 except 64226 64273 66229 66388 66868 68767 69164 69301 69640 69719 69919 70279, V5.2R1C7_FT4
 - Delivered customer tickets:
 - Case #56211 IPv6 - ISATAP with LBB
 - Cases #60546,70536 Extension of Switchport function
 - Case #60547 Disable mac-learning on bridge-group
 - Case #61094 EOAM EFD triggered by efm bandwidth and efm bonding lines
 - Case #61095 MAC address filtering on Ethernet switch ports
 - Case #62242 Wifi WPS Interoperability with Windows 8 RT (PBC method)
 - Case #62298 WiFi WPS Interoperability with Windows 8 RT (PBC method)

on LBB230

- Case #62670 DHCP Server: Management of DHCP Inform
- Case #63036 Load congestion management with discrimination of critical flows for the LBB140Ed2 and the LBB310
- Case #63229 Wifi LBB130 Wrong Operating mode when a Non-HT station is connected on an AP on the same channel than the LBB
- Case #64072 IPv6 - bgp: Command ipv6 load-sharing per-session is not implemented in OneOs
- Case #65699 CR13 for T1 needed
- Case #65861 Increase password encryption algorithm and storing
- Case #66459 CFM configuration based on dot1q tunnel
- Case #67601 Suppression of sequence in ACL
- Case #67615 PPP-max-payload broken after upgrade to V5 releases
- Case #67637 (tNetTask): protocolDataOverAtmVclReceive: callback function is NULL
- Case #67680 code pin status
- Case #67743 Malfunction or crash after configuring static DHCP lease and missing dhcp-static pool in show-output
- Case #67753 IPv6: Issue matching Link-Local addresses in ACL
- Case #67838 E12_FT2 SNMPwalk can not read more than 40 routes from table iproutedest
- Case #67965 QoS bandwidth problem
- Case #68032 Security - Ports 1024/UDP and 4500/UDP are always opened
- Case #68201 log ACL doesn t work with acl bind Telnet
- Case #68236 Aastra IP phone autoprovisiiong
- Case #68279 Reboot is scheduled in -949367233 seconds.
- Case #68422 Sub VPN - sh policy-interface output gi 1/0 class <name of the class>
- Case #68438, #69814 E12_FT5 can not telnet a secondary IP address when bind telnet on the interface
- Case #68440 SBC Nano sip-proxy Enhanced-B2B # History-info header received from Ip-PBX/IMS core into Invite request shall be processed as

diversion or any identification header and forwarded to IMS/Ip-PBX by SBC nano

- Case #68541 PDP activation retries
- Cases #68678, #70019 Abnormal route in BGP table - PPP connexion: Abnormal route in BGP table. WAN = PPP/VDSL, Version 5.2.
- Case #68698 (Not completed: Step 1) CLI to deactivate Fast Path [alpha delivery: CLI may changed]
- Cases #68791, #67571 tNetTask Stuck observed consecutive to a series of misc. traffic (download, web)
- Case #68820 SIP/ISDN IWF # Received History-Info header should be parsed, treated and computed to set Redirecting Number IE for outgoing ISDN Setup message
- Case #68883 IP Name Server is not working
- Case #68900 IPv6 - stateful auto-config and VRRP: Wrong RA sent to host
- Case #68972 WiFi WPS LBB130 The STA-PIN session is not stopped after Wireless station connection or the 2 minutes timeout.
- Case #69025 License NetAPM cannot be activated with NAPM in SCA/SLA zone
- Case #69071 SBC Nano # While AddOrg and AddOrg NDI are blank. Pre and post processing is applied
- Case #69075 IP address cannot be change on a FastEthernet interface.
- Case #69135 Firmware upgrade
- Case #69154 E12_FT5 telnet attempt frozen if another user attempt is in progress
- Case #69187 network works unstable - crashes in snmp task
- Case #69210 While contact has been set as mode, trunking-mode inside dial-peer voice voip takes also P-Preferred-Id in account
- Case #69236 SBC Nano sip-proxy bridge - Multi Trunks # For Invite Request, SIP application sets UserInfo portion of Contact Header as phone_number instead of user
- Case #69253 Low performance on LBB320 with pppoe access
- Case #69276 Duplicated lines in OSPF configuration. Idem 51689.
- Case #69284 PSTN configuration not working on LBB4G

- Case #69519 Strange behaviour in tracking order
- Case #69593 E20_FT1 CLI who reports more than a VTY line with a star flag when conf term in progress
- Case #69608 Restore factory settings and preserve saved configuration in a parametrable path
- Case #69634 track-delay timer too low
- Cases #69643, #69645 E20_FT1 DHCP client - after Lease expiration fail to renew - voice service impacted
- Case #69692 Crash before IKE and IPSec SA s
- Case #69694 CLI configuration differences between ONECell35 and LBB4G
- Case #69766 Speed 10-100 Mb auto-negotiated
- Case #69768 CWMP # TCP-CR is not taken in account. Default value is still the listener one for TCP Connection Request
- Case #69797 Dialed-suppl-service-profile # mgt-service remote shall be restricted to received ISDN Facility
- Case #69813 Crash LBB320 with traffic on fiber optical disconnection
- Case #69850, #70151, #67483 new DPI sizing is NOK on some devices (see detail) - Wrong sizing of DPI session on LBB320 (step 2)
- Case #69858 MAX-HOSTS: negative counter
- Case #69861 MAX-HOSTS: wrong timer
- Case #69867 At 'high load', policer does not shape with enough accuracy (6%)
- Case #69900 ip access-list is not managed correctly in WebConf module
- Case #69978 Socket leak for each DynDns update (socket not closed)
- Case #70005 BFD multihop configuration behavior is not consistent (independently of the device type)
- Case #70028 DynDns socket read buffer length too short
- Case #70134 CLI LBB4G - no keepalive in interface virtual template ppp configuration
- Case #70148 lost value in cellular-radio network
- Case #70154 new-sizing-session Wrong sizing of DPI session on LBB210
- Case #70214 TR-098 objects needed for PPPoE credentials - ATM-AAL5

part

- Case #70402, #70316 CFW activation by default on the LB140
- Case #70558 Tcp flow client limited when the parameter bandwidth is applied on the Wan interface
- V5.2R1C8
 - Fix Level
 - V5.1R4E3, V4.3R6E4, V4.3R4E48, V5.1R5E12_FT5 and V5.1R5E21 except 64273 66459 66868 69164
 - Delivered customer tickets:
 - Case #46717 LBB13x - OneOs modification to support new flash 64 to 256
 - Case #48163 Router reboots memory allocation error
 - Case #50792 IPv6 / Prefix delegation / ipv6 route for LAN subnet is added and deleted immediatly
 - Case #51956 3G interface freeze during resilience test - continuous message PIN NOT KNOWN YET
 - Case #57849 Classification of traffic using 2 access lists, one of them using fragments
 - Case #57896 E25_FT9A wrong reboot cause after a reboot - reboot after crash
 - Case #58945 eHealth application discovery and monitoring over SNMP issue
 - Case #59223 Create CLI command to clear corrupted reboot counters
 - Case #59818 Reboot cause: server_dispatch_message(), task: SM
 - Case #60202 monitor capture: no echo request display. Ping OK
 - Case #60273 ZBF stealth mode not effective even when activating "stealth on-deny"
 - Case #60274 ZBF on-tcp-error not effective even when activated
 - Case #60905 E34_FT3 reboot cancel is not an invalid command
 - Case #61435 DPI - show command required to display the list of protocols recognized by the DPI
 - Case #61680 Possibility to export Netflow tickets towards 2 collectors
 - Case #61827 CLI reacts incorrect on missing sip-server on V5.1R5 VOIP_SIP_FT package

- Case #61935 Bypass NAT problem
- Case #62123 VRRP for IPv4 prevents IPv6 from sending RA
- Case #62149 E34_FT3 SNMP agent always respond No Such Object available on this agent at this OID
- Case #62273 E34_FT7 Stack Overflow Detected name in tPPPoAApp in tRipTask after debug task-overflow
- Case #62281 wifi LBB230 LBB130 no field Country in beacons
- Case #62460 Frontpanel AUX LED is not activated when TR-069 is activated in the configuration.
- Case #62473 pppoe-client from efm on VDSL/EFM doesn t work with Huawei DSLAM
- Case #62530 ip dns-proxy: pstn interface option missing
- Case #63269 One540 doesn't perform NAT properly in a multi lan network environment
- Case #63808 Crash PPPoE + RIP
- Case #64012 Implementation of adaptive Jitter Buffer to cover the HA results
- Case #64019 Netflow: IP Tos not correct for FTP-DATA traffic
- Case #64390 E34_FT8 one20 Tlb Load Exception in dot1xTask when connecting ZEBRA QL220 printer
- Case #64652 ACSSEC - Hostname Verification (TR-069)
- Case #64653 PPP Dialer - ACSWAN-DefAccount+DefAccountRetry
- Case #64682 VF_Ge Phase2.1 Feature adaptative jitter
- Case #65008 Add of CLI command same as spy in tshell mode
- Case #65242 CFU NOK when ringback-message enabled within ibc external trunk
- Case #65256 ZBFW sizing extension
- Case #65467 Break down of LBB when uploading file via WCF
- Case #65731 OR#1854: weighted session load-balancing on multiple WAN links (Least Load First rather than ECMP)
- Case #65735 ECMP between 2 different WAN links (ADSL=PPPoE & Satellite=DHCP)
- Case #65841 new-session-sizing-QOS Session Lifetime

- Case #65968 E12_FT2 - interface MIB - ATM0 interface missing in V5.1 - SNMP regression
- Case #66151 Add a command CLI for activation of correction TAC#61935 (part 2)
- Case #66255 the FXS port doesn't work the same using a corded phone or a cordless phone
- Case #66262 One20 SSH causing box to reboot firmware version
- Case #66442 BLB500 with Mobistar MLPPP configuration boots all the time in V5.1R5E17.
- Case #66512 Monitoring of 2 simultaneous interfaces when they are exclusive (i.e. ADSL-ATM and VDSL-PTM) - IP LED tracking
- Case #66519 Cache forwarding and Juno Pulse application
- Case #66609 Service-policy and rate limiting doesn't work for multicast frame
- Case #66813 E34_FT8 empty show debug
- Case #66865 E34_FT8 WIFI can not monitor capture outgoing traffic
- Case #66893 To accept then response to ISDN facility, BRI voice-port shall have dialed-supp-service-profile set and any voice-global setting
- Case #66980 empty show debug for isdn
- Case #66998 Reason header field: lower-case q instead of upper case Q for Q.850 for protocol value
- Case #67074, #67041 SSH connection loss
- Case #67276 ZBFW Sizing for ONE300 and OneCELL35
- Case #67308 Dimensining of EEM
- Case #67483 new-sizing-session Old sizing on LBB140 (for NAT, ACL, CFW & QOS)
- Case #67516 ECMP not working with 2 interfaces in DHCP client mode
- Case #67543 ip firewall zone WAN is not accepted on the loopback interface.
- Case #67645 IPv6 PPP: New Interface ID after reconnection is being negotiated, but not used afterwards
- Case #67652 No traffic with cache-forwarding + NAT
- Case #67653 IPv6 WAN prefix not discarded when PPP goes down

- Case #67702 No Login/password requested for tshell access from the CLI mode
- Case #67757 Empty lines in configuration
- Case #67785 SNMP v2group lost in configuration
- Case #67915 E12_FT4 boot software image badfilename freezes the telnet session
- Case #67932 activation diversion with facility message does not work
- Case #67976 Modify NAT algorithm to manage 1 for 1 static NAT (and extend the relevant 5.2R1 edition to 20000 sessions)
- Case #67991 Cache-Forwarding Issue on LBB140 VDSL access
- Case #68003 BNG: Factory reboot sequence <ESCAPE><CTRL+Y><CTRL+N> can't be interrupted with N command on console
- Case #68018 ip access-lists counters not working on lbb140 Ethernet
- Case #68024 Router reboots intermittently when using show policy-interface and unplugging the connection (GEth)
- Case #68031 manipulating the called number in combination with the call-forwarding during-routing results in a missing ISDN dial tone
- Case #68098 snmp-server unicast CLI lost in configuration - lost of device NTP synchronization
- Case #68101 E12_FT4 ghost IP address configuration when trying to configure a secondary IP address
- Case #68177 SDSL LED is RED after SDSL de-configuration
- Case #68250 Removal of match protocol rtp entries in class-map
- Case #68256 Outgoing packets not captured on L2Tunnel Interface
- Case #68279 Reboot is scheduled in -949367233 seconds.
- Case #68286 Cannot open showconf file ramdisk:/tempconf2f01460.
- Case #68358 status of the led com
- Case #68362 SBC Nano sip-proxy Enhanced-B2B # While received PPI/PAI headers on sip-gateway are treated by application, they are not inserted at sip-server interface
- Case #68373 One540-4G: radio leds off

- Case #68390 Wrong VRRP master router IP address shown
- Case #68408 Router restarts due to Memory Allocation Error
- Case #68484 Q.850 Reason header badly formatted in SIP messages
- Case #68498 SBC Nano bridge # While ToN of Calling/From is set to international by post-processing, "+" prefix is not added at front of number
- Case #68500 SBC Nano Bridge # received <ii><cc><msn> in PAI is pre-processed as National number
- Case #68517 SBC Nano bridge # PAI for COLP inside 183-Session Progress from sip-server is copied from From header field of recorded voip-session
- Case #68610 Malicious ISAKMP packet causes LB230 to crash and reboot
- Case #68641 Interface SDSL ATM answers to OAM protocol while configured to shutdown
- Case #68672 SIP reason q850 in cause header must be in upper case
- Case #68680 SBC Nano sip-proxy bridge # DTMF-redundancy attribute received on sip-server interface causes a 480 SIP message
- Case #68697 Junos cannot be used when FastPath (DualCore) is activated
- Case #68708 DynDNS and private IP addresses
- Case #68714 Connected route not redistributed in BGP table in specific condition (order of appearance in bsaStart.cfg)
- Case #68747 Tacacs systematic failure in version 5.2.
- Case #68756 Interface in shutdown gets an IP address.
- Case #68820 SIP/ISDN IWF # Received History-Info header should be parsed, treated and computed to set Redirecting Number IE for outgoing ISDN Setup message
- Case #68825 redistribution of connected route in BGP - impact of order. Other case than 68714
- Case #68905 OneAPM: cannot recognize applications based on SSL name
- Case #68925 Digest username= is incomplete in the SIP registration.
- Case #68963 SBC Nano bridge # Restored/unlocked PR 57134
- Case #68982 E12_FT5 IF-MIB Atm0 interface lost after upgrade to E12_FT5
- Case #69172 memory loss of about 0,2 % per hour.
- Case #69214 "enable" is not counted in "show statistics tacacs"

- Case #69630 IPv6: "clear ipv6 bgp <AS>" also clears IPv4 neighbors
- Cases #69368, #69595 Problem Flash system during format operation on LBB320
- Case #69647 Router restarts when I change the bandwidth with traffic
- V5.2R1C7
 - Firmwares and associated files update
 - DSP updated to V4R6E64 for ONE90, ONE445, ONE150 and ONE270/700, and V4R5E72 for ONE100D
 - Lantiq AVDSL software upgraded to T2970/00138
 - OneAPM upgraded to V3.1
 - Fix Level
 - V5.1R4E3, V4.3R6E4, V4.3R4E47, V5.1R5E12_FT5 and V5.1R5E20 except 55174 60273 60274 61435 61680 61733 62149 63269 64019 64204 65255 65256 65467 65968 66030 66151 66609 66865 67109 67123 67276 67568 67702 67716 68254.
 - Delivered customer tickets:
 - Case #43857 H.323 Trace Debug Condition AOC met
 - Case #43869 Sip-server: no verification @IP
 - Case #48892 DNS SRV Mechanism - redundancy
 - Case #50194 Invite authentication
 - Cases #50353, #63621 ACL NAT and CFW sizing extension
 - Case #53588 CPE does not manage correctly nonce value in the REGISTER messages
 - Case #56532 Support of RFC 3263 related to DNS SRV features. Additional proprietary features to force the TTL values coming from DNS-A and DNS-SRV responses and to force SIP registration procedure to next outbound-proxy after SIP registration transactions failed.
 - Case #56638 Contact header field must be added into reliable provisional response (as non reliable provisional response)
 - Case #58577 BGP process optimization.
 - Case #58589 Audio/video RTP packets distinction in class-map
 - Case #59038 Support of RFC 2543 for incoming RE INVITE for 1PCC/3PCC

transfer as OXE

- Cases #59314, #55773 Capture feature to send packets to remote Host (running netcat server) - PBE: implementation of tcpdump
- Case #59651 cwmp get-param wrong when sip-gateway is shutdown
- Case #59934 SBO - SUBSCRIBE session management
- Case #60335 WiFi n extremely slow with some stations after a few minutes
- Case #60519 Different behaviors for the BYE message
- Case #60621 Problem with GetVPN and IP cache-forwarding
- Case #60757 Voice DNS entry error
- Case #60808 SIP gateway registration lost
- Case #60849 SIP voice DNS failover mechanism Problem
- Case #61126 RTP-based QoS without License activation
- Case #61392 Fast-busy tone not supported
- Case #61827 CLI reacts incorrect on missing sip-server on V5.1R5 VOIP_SIP_FT package
- Case #61947 CLI reacts incorrect on missing sip-server on V5.1R5 VOIP_SIP_FT package -- following 61947 (step 1)
- Case #62122 Router reboot by DSI in tNetTask
- Cases #62207, #62535, #63093 reboot during UDP
- Case #62492 No license activation for "Compact" and "Original" Netflow tables
- Case #62560 Multi-flush in a tiny period
- Case #62593 302 Move Temporarily not forwarded from WAN to LAN
- Cases #62682, #65162 DynDNS for private IP Address & Configuring Interval for Dyn dns
- Case #62998 WiFi: clear association fails
- Case #63085 Triple session progress message in case of incoming call.
- Case #63279 RTCP not recognized by DPI ?
- Case #63629 SIP OPTIONS issue: 408 Request Timeout after
- Case #63658 Defense on wifi buffers reboot

- Case #63706 Connexion in SSH enhancements.
- Case #63899 SBC Nano force-numplan 17 calling does not work
- Case #63916 SDP session version incremented, without change of SDP data
- Case #63965 Detecting local CNG or remote CED/Ansam tone, Re-Invite for T38
- Case #63974 Router does not get its IP address
- Case #64084 TELEFONICA ADSL firmware for ONE410.
- Case #64120 High rate on ISDN incoming calls
- Case #64390 E34_FT8 one20 Tlb Load Exception in dot1xTask when connecting ZEBRA QL220 printer.
- Case #64435 Reboot when activavate trace filter add vox up all 2 mem
- Case #64538 Show voice debug status
- Case #64696 CFX activation based on facility message for service activation = FAILED
- Case #64965 CWMP: uplink wrong parameters in BOOTSTRAP
- Case #65025 [new-session-sizing-ACL] ip inspect stateful
- Case #65027 No ticket are generated for incoming call
- Case #65030 306-3 & 308-3 tickets are not generated when REGISTER messages from the PBX-plug to the SBC are filtered
- Case #65164 RTR Probe based on UDP echo instead of ICMP
- Case #65239 REFER in case of blind transfer
- Case #65252 Disable the diversion Header
- Case #65360 Call interception *44*<number> make LBB Reboot
- Case #65459 BNG: "no pm-counters-cos" command deletes all configured pm-counters-cos after pm-counters are deleted before
- Case #65536 WRED wrong configuration ranges for min and max threshold value
- Case #65606 BGP: Filtered redistribute static of default route does not work
- Case #65609 PacketSmart application is failing to activate
- Case #65686 Device-typeFile is missing attributes
- Case #65749 Router constantly reboots after ISDN configuration

- Case #65763 Activation scheduled-cfu issue
- Case #65765 PRI blocked for incoming calls
- Case #65806 Web parameter trTrConnection is not set properly
- Case #65874 Reboot upon reception of Partial Rerouting
- Case #65893 Reboot after sip-server shutdown
- Case #65921 Ringing on FXS continues after off-hook
- Case #65932 Sending out 183 session progress twice
- Case #65934 Wrong sip-gw contact entries
- Case #65978 SBCNano removes the diversion header for INVITE 302 Moved Temporarily
- Case #66010 CPU limitation customization
- Case #66036 isdn cause 127 mapping in sip: 500 Internal Server Error
- Case #66113 When dialing via FXS the digits are wrongly identified
- Case #66121 The command "fqdn-resolution-protocol dns no-ttl verified" doesn't exist
- Case #66130 Due to an error on to Route header construction, Call/Invite from registered main number of group cannot go out
- Case #66172 Numplan post-processing doesn't apply defined setting to ServedUserNb/CallingPartyNumber for a received ISDN Facility message
- Case #66178 dialer watch-list monitoring invalid
- Case #66186 Numplan pre and post-processing functions (as voice-routing) are not applied to divertingNr extracted from a DivertingInfoLeg2 Facility IE
- Case #66206 Reboot when loading a new configuration with OneProvisio
- Case #66238 To and From header display IEs are copied as received from received ISDN Facility
- Case #66241 Voice Pre/Post Process improvement to take in account Local Area Code (LAC) support.
- Case #66298 SIP incoming call failure cause 47 resource pb - maybe same as TAC#65765?
- Case #66378 testing feature request FR49750: NOK PART II
- Case #66505 Device crashed during the upgrade process

- Case #66566 "show voice debug message-exchanges" not available on TELNET - follow-up of PR 60979.
- Case #66614 ADSL Lantiq Chipset VRX268 # image T2967/00129 with ADSL FW 5.4.4.4.0.1 and VDSL FW 5.4.8.0.0.6 doesn't support ITU-T G998.4 (retransmission)
- Case #66671 Voice routing fails to route some calls on plugs having a dual attachment.
- Case #66687 IPsec injected routes are not redistributed via dynamical routing protocols.
- Case #66743 One100D hardware changes to support 128M of RAM memory with a new Boot firmware
- Case #66745 ADVDSL firmware has been removed for OneOs11 package only
- Case #66764 FastPath is deactivated during configuration
- Case #66766 The 1540 reboot when sending an empty IPv6 packet with specified next header to the device
- Case #66770 None last fragmented IPv6 packets smaller 1280 Byte are not discarded
- Case #66782 Activation of CLI "show voice debug message-exchanges"
- Case #66803 help command for "ssh [user [:password]@] {<hostname>|<ip_address>}"
- Case #66843 Reboot with default configuration
- Case #66846 Outgoing call on E1/R2 port cleared
- Case #66857 BNG: PM-Counters error message appear at console at 1540
- Case #66867 Issue in counting multicast routes
- Case #66891 BGP not available on OnCell35.
- Case #66893 To accept then response to ISDN facility, BRI voice-port shall have dialed-supp-service-profile set and any voice-global setting
- Case #66904 Broadsoft X-FeatureControl header field shall be taken in account by the "dialed-supp-service-profile mgt-service"
- Case #66921 BNG: The 1540 reboots when sending an one-shot fragment with 0 byte TCP data to the device
- Case #66938 Access-policy introduces some delays to process received 40x

challenge

- Case #66952 Wrong help under "show ipv6 bgp route..." command
- Case #67090 SerialNumber+Checksum is not send during cwmp communication
- Case #67092 different trigger interface for BOOSTRAP
- Case #67146 Porting of 67030 on ONE540 V4.4
- Case #67153 BFD multihop
- Case #67234 Call Rerouting FACILITY # PartyNumber of LastReroutingNb is Parsed by supp-service function but It is lost before ISDN and SIP automats
- Case #67273 For SIP_BYE_RQ from api before SIP_ACK_IN, SIP stack returns a SIP_BYE_CO code 409 instead to buffered it
- Case #67327 Disabling call hold for Italtel softswitch
- Case #67328 show vdsl command does not work
- Case #67329 indentation issue on "adsl 0" and "atm 0" interfaces
- Case #67383 SIP FAX re-INVITE generated by calling side
- Case #67398 problem on GET of OID 1.3.6.1.4.1.13191.10.3.5.2.1.3.4.9.1.3
- Case #67410 Number of 'bridged' interfaces which support unknown-Unicast DOS is currently limited to 13
- Case #67431 Memory leak due to activation of some
- Cases #67453, #67503 Ping Issue on LoopBack With IP cache forwarding
- Cases #67493, #68188 Reboot task ConfModifTask
- Case #67497 + sign should be removed from the P-Preferred-Identity.
- Cases #67628, #68065 Inform APP-Inside (2nd Core) when a Cellular card (USB) is present so that APP-Inside does not activate USB (**needs updated APP-Inside edition with oalinux >= 3.2.4**).
- Case #67708 IPv6 static routes not counted on monitor global-statistics screen
- Cases #67803, #67943, #68081, #68257 LED com status
- Case #67813 OSPF password length limited to 8 characters instead of 16 as documented
- Case #67823 Management of NAT DNS requests of SOA type

- Case #67856 Excessive memory used by system after startup
 - Case #67897 host route with mask /32, directly to interface BVI (and not to next-hop on BVI) does not work
 - Case #67925 command "gw-int dialer 1 int mont dialer-watch-list" is not available
 - Case #67965 QoS bandwidth problem
 - Case #67986 Reboot after <ESCAPE><CTRL+Y><CTRL+N> command is executed
 - Case #68010 Random reboot on DHCP client task on multiple status change UP/DOWN of the DSL/ATM interface
 - Case #68077 Pre processing shall detect the LastReroutingNb extracted from Facility as Calling-number, not Called-number
 - Case #68331 LEd SFP not running on LBB320
 - Case #68351 Tracking route is lost
 - Cases #68119 #68359 Performances with DHCP server on LBB320
 - Case #68409 SIP NAT ALG # NAT-SDP is not applied to outgoing Invite
 - Case #68498 SBC Nano bridge # While ToN of Calling/From is set to international by post-processing, "+" prefix is not added at front of number
 - Case #68500 SBC Nano Bridge # received <ii><cc><msn> in PAI is pre-processed as National number (Part 1)
 - Cases #68514, #68531 Wrong CLI "redistribute ," under "address-family ipv4" in running-config.
 - Case #68517 SBC Nano bridge # PAI for COLP inside 183-Session Progress from sip-server is copied from From header field of recorded voip-session.
 - Case #68599 SIP UPDATE method is not handled by the nanoSBC.
 - Case #68611 FTP download interrupts with activated "ip inspect stateful" when a packet is lost between client and server.
- V5.2R1C6
 - Firmwares and associated files update
 - DSP updated to V4R6E63 for ONE90, ONE445, ONE150 and ONE270/700, and V4R5E71 for ONE100D
 - Amazon FW update to T2977/00290

- Fix Level
 - V5.1R4E3, V4.3R6E4, V4.3R4E45, V5.1R5E12_FT4, V5.1R5E19 except 55174, 58577, 60237, 60273, 60274, 60335, 62122, 62207, 62535, 63093, 63621, 63706, 64550, 65256, 65606, 66151, 66206, 66798, 66891
- Delivered customer tickets:
 - Case #58521 Enhancement of WebGUI for SIP-Trunking project
 - Case #59420 can not display show vrrp interface on a specific Bvi interface
 - Case #59920 Reboot routine called in task tldle
 - Case #60581 Improvement of 3G
 - Case #60838 ppp connection is not working
 - Case #60860 Ip led track-interface dialer does not work after reboot
 - Case #61556 BFD: socket problem when erasing neighbour
 - Case #62236 Buffers to support queue limit >50 for hardware with more than 512Mo
 - Case #62735 HTTPS for Broadsoft DMS
 - Case #62969 multicast capture packets issue based on a UDP filter
 - Cases #63183,64679 Due to link down/up occurrence of its atm pvc, DHCP client of bvi restarts then a sync error in creating client on interface occurs
 - Case #63220 Monitor Capture on EFM interface
 - Case #63861 ip dhcp attribution failed with more than one dhcp server
 - Case #63916 SDP session version incremented, without change of SDP data
 - Case #63950 PPPoE not working if dialer attached to GigE Subinterface with dot1Q native option
 - Case #64026 message dialerxx after configuring service-policy
 - Case #64120 High rate on ISDN incoming calls
 - Case #64659 OSPF Database is inconsistent
 - Case #64769 FD leak on bad command line "snmp server 192.168.251.254 192.168.5.253" (with unknown @IP source)
 - Case #64774 WEBGui Requirements for Phase 2
 - Case #64798 PPPoE not working if dialer attached to GigE Subinterface
 - Case #64808 Subinterface needs encapsulation line to come UP

- Case #65028 306-2 & 308-2 tickets are generated instead 306-1 & 308-1 tickets
- Case #65372 IPv6 Prefix delegation from WAN to LAN broken
- Case #65438 Remove default value of PIT in box datamodel
- Case #65597 GetParameterAttributes for partial path names not working
- Case #65666 Router reboots when the psth interface gets an IP address enabled in the RIP process.
- Case #65669 Reboot does not keep parameter order of NTP servers
- Case #65765 PRI blocked for incoming calls
- Case #65825 QoS: Class voice missing in the output queue statistics of the command show policy-interface
- Case #65874 Router reboots upon reception of Partial Rerouting
- Case #65907 Problem with banner motd with more than 15 lines
- Case #65980 Synchronisation KO in mono pair if connect on P1
- Case #66093 Router reboot by memPartFree: invalid block during Telnet configuration
- Case #66113 When dialing via FXS the digits are wrongly identified
- Case #66128 BFD Echo mode support
- Case #66172 Numplan post-processing doesn't apply defined setting to ServedUserNb/CallingPartyNumber for a received ISDN Facility message
- Case #66186 Numplan pre and post-processing functions (as voice-routing) are not applied to divertingNr extracted from a DivertingInfoLeg2 Facility IE
- Case #66238 To and From header display IEs are copied as received from received ISDN Facility
- Case #66249 CWMP error improvement
- Case #66256 ip-helper not working when uRPF is configured on interface
- Case #66298 SIP incoming call failure cause 47 ressource pb
- Case #66378 Issue when using CFX diversion on IAD Part 2
- Cases #66412,66414 Instrumentation memory leak/memory corruption
- Cases #66426,66431 CWMP wrong values
- Case #66449 Format flash failed

- Case #66505 Router reboots during the upgrade process
 - Case #66603 Unable to restrict access to webpages
 - Case #66638 Issue using fixed arp entries
 - Case #66656 show interface inconsistency on multicore builds
 - Case #66658 "show policy interface" does not show output queuing statistics on multicore builds
 - Case #66666 atm-capture only captures received packets, not these sent.
 - Case #66735 Not possible to push configuration
 - Case #66864 Performances enhancement
 - Case #66939 Interface missing in command show ipv6 dhcp interface <type> <unit>
 - Case #66952 Wrong help under show ipv6 bgp route command
 - Case #67055 ADSL Firmware
 - Case #67079 SNMPv3: service working but with error logs
 - Case #67087 cwrmp voice provisioning for P-Preferred-Id should be set either inside dial-peer voice voip
 - Case #67093 SubVPN - QoS => output queuing statistics not available in output of bvi
 - Case #67283 Router reboots while removing loopback interface
 - Case #67285 no debug deactivate cache-forwarding
 - Case #67410 Number of bridged interfaces which support unknown-Unicast DOS is currently limited to 13
 - Case #67606 sntp server ntp1.belbone.be is not accepted in the configuration.
- V5.2R1C5
 - Fix Level
 - Voice level: V36l
 - NetAPM v2.1.8
 - DSP level: V4R6E62 for ONE90, ONE445, ONE150 and ONE270/700, V4R5E70 for ONE100D
 - AVDSL firmwares: Lantiq version T2970/00134, Amazon version

T2931/00285

- V5.1R4E3, V4.3R6E4, V4.3R4E45, V5.1R5E18 except 55174, 58577, 60237, 60335, 62122, 62207, 62535, 63093, 64550, 66151
- Delivered customer tickets:
 - Case #42264 Linespeed of interface EFM0 is different from Linespeed of its sub interface EFM0.99
 - Case #44684 Router reboots when creating a DHCP pool
 - Case #47577 Actelis MetaASSIST management integration via EOC
 - Case #48772 Incorrect duplex information on show int efm
 - Case #49750 Issue when using CFX diversion on IAD
 - Case #49751 Register Failed
 - Case #53307 External Call Forward: make free channels on router
 - Cases #54714,54962,57918 Domain resolution for SIP stack
 - Case #56555 In the event of XML usage, IAD shall send PI=6 to IMS
 - Case #56840 How to show green on the voice LED when some BRI are up?
 - Case #57137 Router reboots after 50 days by defense on wifi buffers
 - Case #57511 Output service-policy bandwidth messages
 - Case #57550 GetParameterValue of IGD VoiceProfile.1.Enable parameter fails
 - Case #58600 IAD should not release a call on reception STATUS message
 - Case #58688 ip nat static configuration limits and restriction
 - Case #58826 Error while booting: No daughterboard support
 - Case #58973 Sip gateway does not send DNS requests after TTL elapses
 - Case #59296 DNS resolution no-ttl: flush DNS entry when SBC is not reachable
 - Case #59535 Recurring reboot in a tunneled multicast context
 - Case #60115 Bug in processing of incoming IP fragments (IPv4 & IPv6)
 - Case #61145 "CISCO CUBE"-like incoming call screening missing in Nano-SBC implementation.
 - Case #61152 Ethernet controller blocked in receive direction

- Case #61291 OneOs cannot extract called phone number, Trunk group (tgrp) and trunk-contexte from userinfo portion of R-URI
- Case #61464 creation of two users with the same name, the web api doesn't show the users in the directory
- Case #61509 Front panel LED for the status of Power Supply
- Case #61619 Configuration not loaded correctly
- Case #61718 DHCP option 121 not working properly
- Case #62014 Update the IBC web GUI to be compliant with 16/24 FXS
- Case #62029 Configuring T38 payload
- Case #62192 Incorrect multiplier is applied for received currency-amount into xml body
- Case #62223 Router reboots with traffic in multi VRF configuration and dual router architecture
- Case #62331 Directory key on Aastra phones
- Case #62347 Router SIP proces hangs during customer test
- Case #62359 Double ISDN PROGRESS MESSAGE
- Case #62370 P-Time Value for RTP Voice Coding (till 150 msec)
- Case #62668 Storm-control (Limit broadcast , multicast & unknown unicast)
- Case #62669 BPDU Guard
- Case #62918 SIP register issue
- Case #63039 SIP stack doesnt work well after about 10 days
- Case #63086 Router reboots when event manager is configured with a hostname instead of an IP address
- Case #63091 Router reboots in ACL process
- Case #63108 Call Generation doesn't work properly
- Case #63204 Router reboot with Data TLB Error
- Case #63287 Support of SNMPv3 read with IPv6 in VRF
- Case #63299 At software reboot, "ip dns-proxy dns-server ignore-no-such-name" and "fxs-call-waiting-timer" are restored to default value
- Case #63396 WAN SDSL EFM with Stack PPP Dialer, adding atm interface configuration causes shutdown on dialer interface

- Case #63427 analog-mwi enabled transition, for off-hook action, voice-port doesn't play stutter tone/specific tone
- Case #63610 t38nsf transparent comment is removed
- Case #63629 SIP OPTIONS issue: 408 Request Timeout after
- Case #63667 BC data parameter of the command test-call is translated into the SDP INFO
- Case #63690 VOIP sends an unknown event to Audiphone if the Voice gateway is UP before Audiphone is activated
- Case #63699 No more Confld free after 50 faxes sent
- Case #63769 Record route is containing WAN IP address instead of the LAN ip address
- Case #63799 DNS entry IP address 0.0.0.0 while building register
- Case #63866 Improper CLI description for seg-loopback option of a ping atm operation
- Case #63896 no igmp packet out of the router in bridge mode
- Case #63907 Incoming call not working due to record-route header not handled correctly
- Case #63922 show ip inspect per-host generates tNet task stuck
- Case #63965 Outgoing fax call for T38, detecting local CNG or remote CED/Ansam tone, CPE shall send re-Invite for T38.
- Case #63980 Management of 512Mo RAM
- Case #64074 The Contact header of the 302 were is adapted by the SBC Nano.
- Case #64078 Error in show debug rib
- Cases #64106,64386 Selective Transcoding
- Case #64115 Wrong SHDSL firmware
- Case #64200 The combination of debug l2tp ppp and NAT on the interface causes a crash disconnect of an L2TP IPSEC tunnel from a Windows client.
- Case #64212 Outgoing and Incoming FAX issue
- Case #64221 Illegal instance number in AddObjectResponse
- Case #64280 RTP flow send 40ms not 20ms / the frame is 20ms
- Case #64315 Call forwarding not working

- Case #64367 If gw-interface of sip-gateway is assigned to a given VRF, fqdn-resolution-protocol dns-srv function doesn't send any domain packet to defined DNS server
- Case #64413 Develop the DHCP-option 119,120
- Case #64435 Router reboots when activavating "trace filter add vox up all 2 mem"
- Case #64761 Incorrect diversion header
- Case #64807 Reboot when deleting GE subinterface with pppoe enabled
- Case #64826 Insertion of site=ip.ip.ip into From Header
- Case #64839 Missing IP address in IP-MIB::ipAdEntAddr
- Case #64912 DHCP option 161 not provided by server in response to BOOTP request
- Case #64935 IBC: XML tag missing -Aastra sip-hone
- Case #64965 CWMP: uplink wrong parameters in BOOTSTRAP
- Case #65017 New Audiphone code G3R3C7 to integrate
- Case #65064 Router reboots in task tSnmpd
- Case #65105 Flapping interfaces
- Case #65149 Performance problem with QOS and NAT
- Case #65216 CWMP: incorrect interruption of TRANSFER
- Case #65253 MLPPP encapsulation issue / header compression bytes s0021/Juniper versus \$21/OA
- Case #65403 Reboot after a clear ipv6 neighbors
- Case #65569 Improvement of Defence for crashLog
- Case #65617 Crash with version V5.1R5E12_NB81825_FT3_T9
- Case #65631 MIB: missing two SNMP tables in oneaccess-cellular-mib file
- Case #65639 Router reboots after message: rtfree: 0x4c93310 not freed (neg refs)
- Case #65655 Acessibility of Pname by SNMP
- Case #65674 Reboot during SNMP process
- Case #65686 Device-typeFile is missing attributes
- Case #65854 Reboot: Maximum number of allocations reached: 500

- Case #65921 Ringing on FXS continues after off-hook
 - Case #65982 Syslog messages sent with source address of virtual interface atm instead of Loopback
 - Case #66170 IPv6 - stateless auto-config and VRRP: Wrong RA sent to host
 - Case #66178 dialer watch-list monitoring invalid
 - Case #66220 IPv6 - LBB crash: crash while removing ipv6 address
 - Cases #66366,66445,66451 WiFi and BVI configuration incompatibility
 - Case #66372 PPP: wrong termination of session
 - Case #66389 RIP does not announce routes with NAT activated
 - Case #66420 Shaping: increased response time
 - Case #66531 Power redundancy mode to be fine tuned
 - Case #66805 some NAT operations may crash when DEBUG mode is activated
- V5.2R1C4
 - Fix Level
 - Voice level: V36H1
 - NetAPM v2.1.8
 - DSP level: V4R6E56A for ONE90 and ONE445, V4R6E51 for ONE100D, ONE150 and ONE270/700
 - V5.1R4E3, V4.3R6E4, V4.3R4E28, V5.1R5E12 except 48772, 55174, 56049, 57137, 59255, 60237, 61405
 - Delivered customer tickets:
 - Case #47635 SNMP responder blocked (in ACL and Voice tables)
 - Case #49750 Issue when using CFX diversion on IAD
 - Case #55186 Cwmp in endless loop when problem on OneProvisio server
 - Case #55338 Display problem of link local address
 - Case #55843 Description field needed in a static route
 - Case #58170 ICMPv6 Router Solicitation not sent during IPv6 SLAAC
 - Case #59116 Load-sharing per packet: fragments of the same IP packet are sometimes sent on different routes

- Case #59905 DHCP client issue on WAN ethernet interface 1/0
- Case #60436 Slow memory leak - 1% lost every two days
- Case #60590 CLI commands handling for troubleshooting is inconsistent
- Case #60779 Problem on gigabitethernet ports
- Case #60838 ppp connection is not working
- Case #60888 Too low mixed IPv4/IPv6 performance
- Case #61120 Wrong display of IPv6 link-local routes in show ipv6 route and show logging
- Case #61147 OA-QOS-MIB no match info and empty stats table
- Case #61402 New ONE90 SIP EAH package
- Case #61501 UNI-SFP Inventory: incorrect value 'gigaEthernet = not available' shown
- Case #61592 DHCP: hex options 43 and 120
- Case #61636 Loss of IPv6 routes
- Case #61662 SOF IMS: DNS resolution failed with 32 ip address in DNS server response
- Cases #61820, 61874 Router reboots in PDSTASK
- Case #61845 BGP Local Preference issue
- Case #62109 fe80:xxxx:: routes question
- Cases #62160, 62504 ip qos max-sessions
- Case #62379 TCP-SYN-Flood-Attack on TCP-Port 23(Telnet) via IPv6 crashes the router
- Case #62610 EFM Tx Stall State = 1, No data over efm (after 48 hours)
- Case #62692 Impossible to send traffic from client (shrew VPN) to EZVPN server intranet
- Case #62933 IAD retries immediately CWMP request on failure, increasing dramaticaly load on OPV
- Case #62967 point-to-multipoint OSPF configuration does not work
- Case #63142 IPv4 route dropped sporadically in fast forwarding cache
- Case #63214 Incoming CFM CC frames not seen in debug bridge frame and capture efm

- Case #63513 Auto-negotiation not supported with SFPs
- Cases #63528,64563 Fix ethernet Rx buffer overwriting
- Case #63546 Link-flapping during RFC2544 after IPv6 ACL flooding
- Case #63552 IPv6 routing process not working after shut/no shut on FE 0/0
- Case #63600 Corruption of UDP broadcasts by router ip helper
- Case #63653 SSH Server
- Case #63929 Range for Interface Loopback
- Case #63998 Nat rules written
- Case #64060 Update of the QoS number session
- Case #64143 Contradiction to section MIC authentication
- Case #64149 GIC syntactically valid, but not on ACS (keeps retrying)
- Case #64151 Check of connection to ACS during activation
- Case #64158 Temporary disconnect leads to non-availability via UDP Connection Request
- Case #64162 Device in corrupted state after TR-069 initiated firmware upgrade
- Case #64191 Issue in ACS name resolution
- Case #64197 Stun client does not send VALUE CHANGE in case of lost STUN connection in Monitoring phase
- Case #64198 Router reboots while 'show ip ospf route' and change of route
- Case #64216 Using PeriodicInformTime: No PERIODIC INFORMS after reboot
- Case #64217 Occasional reboot during BOOTSTRAP
- Case #64225 No difference between transport and tunnel mode configured when connecting with a L2TP Windows client
- Case #64330 The CLI command no cwp does not work
- Case #64342 Looking for wrong private key name in the IPSEC negotiation. Key Imported from a p12 certificate file
- Case #64418 Router 1540 reload
- Case #64446 VRRP implementation not conform to RFC 2338
- Case #64517 Netbooster on LT2P tunnel not working.

- Case #64539 Command 'verify config-file' not available
- Case #64777 COM Port server must be disabled
- Case #64796 Configuration line 'ip pim ssm range <ACL>' rejected while pim not applied on an interface
- Case #64842 Performance drops significantly with IPv6 packets smaller than 350 bytes
- Cases #64864, 64866 Enable 'license activate asip' with no ASIP activation - Display availability of IPv6
- Case #64904 cwpmp does not work
- Case #64994 Reduced throughput with ip inspect stateful during performance tests
- Case #65082 FTP not working anymore with VRF instance
- Case #65376 Certificates support for HTTPS in the context of TR-069
- V5.2R1C3
 - Fix Level
 - Voice level: V36H1
 - NetAPM v2.1.8
 - DSP level: V4R6E56A for ONE90 and ONE445, V4R6E51 for ONE100D, ONE150 and ONE270/700
 - V5.1R4E3, V4.3R6E4, V4.3R4E28, V5.1R5E12 except 48772, 49270, 55174, 56049, 57137, 58654, 59255, 59337, 59390, 59409, 59471, 59666, 60017, 60237, 61288, 61405
 - Delivered customer tickets:
 - Case #50653 New definitions mapping for the SCA SLA zone
 - Case #51469 ACL Reflexive filters
 - Case #60792 Alias command
 - Case #61941 Support of VLAN 0 or VLAN null
 - Case #62152 pm-counters not configurable per VLAN ID under GE1/0 interface
 - Case #62438 Limiting MAC addresses per port
 - Case #63213 PPPoE Session shuts down after 5 hours

- Case #63226 vlan tag insertion / removal
 - Case #63247 TR069: Cookie incorrectly handled when using ACS via https
 - Case #63256 One700 – 4E1 support
 - Case #63291 Removal of undocumented commands like cpuTask on CLI
 - Case #63510 verify config-file not working correctly
 - Case #63530 Max MTU 1920 on Giga interface
 - Case #63562 ACL NAT and CFW sizing extension
 - Case #63784 DHCPv6 information requests are sent erroneously on the PPPoE interface
 - Case #63814 ONEOS ADVIP standard software for ONE410
 - Case #63829 OSPFv3 commands needs modification to make it equivalent to RIPng
 - Case #63999 Problem when sending traffic with 128 byte packets and High Load of CPU
 - Case #64009 In an overload situation no cfm cells are received anymore
 - Case #64014 PPP LCP echo requests from the 1440 are not tagged correctly e.g. not send correctly
 - Case #64274 Router reboots during IPv6-icmp and IPv6 security tests
 - Case #64321 Add netbooster statistics
 - Case #64498 IPv6 and PPP connection loss during security
 - Case #64529 Router shows a incorrect target device under 'show soft-file info OneOs'
 - Case #64600 Ping6 command on 1440 with source address unknown or from other VRF cause problem on console
- V5.2R1C2
 - Fix Level
 - Voice level: V36G2
 - NetAPM v2.1.8
 - DSP level: V4R6E56A for ONE90 and ONE445, V4R6E51 for ONE100D, ONE150 and ONE270/700
 - V5.1R4E3, V4.3R6E4, V4.3R4E28, V5.1R5E12 except 48772, 49270,

55174, 56049, 57137, 58654, 59255, 59337, 59390, 59409, 59471, 59666,
60017, 60237, 61288, 61405

- Delivered customer tickets:
 - Case #57096 In show debug, debug pwe3 <all,config,data,event> not appeared when activated
 - Case #58175 CLI help for command ppp enable not correct
 - Case #58178 EOAM EFD on EFM 0 - outward facing MEP - routed configuration
 - Case #59966 Packet loss with multiple connections when using a tunnel
 - Case #61399 Radius-server CLI configuration line with defined source interface not accepted
 - Case #61494 SFP inventory data: laser wavelength and Telekom part number shall listed in Inventory
 - Case #61715 Internal message shown on console output
 - Case #62692 Impossible to send traffic from client (shrew VPN) to EZVPN server intranet
 - Case #62809 Router reboots with "ip ssh auth-method automatic" command without installed SSH key
 - Case #62818 2048 byte MTU Size support
 - Case #63052 "license activate asip" expects "quit" command or any key command to proceed
 - Cases #63056, #63067 Not all commands from Basic configuration are taken into account
 - Case #63780 Reboot of Ipv6 Dhcp client

- V5.2R1C1

Same level as V5.2R1B1

- V5.2R1B1

- Fix Level
 - Voice level: V36G2
 - DSP level: V4R6E56A for ONE90 and ONE445, V4R6E51 for ONE100D, ONE150 and ONE270/700
 - V5.1R4E3, V4.3R6E4, V4.3R4E28

- Delivered customer tickets:
 - Case #60762 Change device name and SNMP MIB from ONE90 to ONE1540
 - Case #61501 UNI-SFP Inventory: incorrect value “gigaEthernet = not available” shown
 - Cases # 61587,61581 Lantiq upgrades unexpectedly on 91 Mbit down and 52 Mbit up, 300B packets
- V5.2R1B1_P2
 - Fix Level
 - Voice level: V36G2
 - DSP level: V4R6E56A for ONE90
 - V5.1R4E3, V4.3R6E4, V4.3R4E28
 - Delivered customer tickets:
 - Case #52036 IPV6 Phase 3 - IPV6 DNS Proxy
 - Case #52333 Static Neighbour Discovery on IPv6
 - Case #55971 clear ip nat sessions @IP
 - Case #58176 Ethernet OAM extension for IEEE 802.1ag
 - Case #58688 ip nat static configuration limits and restriction
 - Cases #59184, 610605 Implementation of a common buffer
 - Case #60595 Porting and code cleaning of NetAPM for UDcast
 - Case #60767 VRRP master IPv6 fe80::1 default route not in IPv6 routing table
 - Case #60788 Router reboots when using autoconf 4
 - Case #61135 CLI "who" displays tacacs access instead of radius access
 - Case #61215 Banner not shown after a Reboot on Console before login
 - Case #61285 Telnet client does not take source interface as dialer
 - Case #61395 Error in sho run - distance metric automatically added to ipv6 route
 - Case #61398 privilege CLI command adds additional privilege lines
 - Case #61399 Radius-server CLI configuration line with defined source interface not accepted

- Case #61442 snmp traps cfm and ether-oam not taken in sho run
- Case #61444 1560 packages added
- Case #61456 "ipv6 access-list inspect stateful is on" activates wrongly autommatically
- Case #61485 UNI-SFP DWDM not recognised properly (inventory data and dmi data not displayed)
- Case #61501 UNI-SFP Inventory: incorrect value "gigaEthernet = not available" shown
- Case #61826 Voice packages for One440 have been added
- Case #62112 IPv6 ip-precedence re-marking or class matching is not working correctly
- Case #62153 Add AVDSL support for one440
- Case #62188 BNG specific package has been added
- V5.2R1B1_P1
 - Fix Level
 - Voice level: V36F
 - DSP level: V4R6E53 for ONE90
 - V5.1R4E3, V4.3R6E4, V4.3R4E28
 - Delivered customer tickets:
 - Case #37542 MSAN-NT: WRED with 802.1p
 - Case #47416 X.31 is available on ONE100D products
 - Case #51811 IPV6 Phase 3 - ACL Inspect- StateFul
 - Case #52915 IPv6 - ACL => Configuration with "any" instead of "::/0"
 - Case #53334 IPv6 - debug => "debug ipv6 icmp" command to be implemented
 - Case #54587 Show of distance and tag for ip route
 - Case #56673 Lack of possibility to track a subnet and/or a route with VRRP V6
 - Case #57181 Trap and rtr
 - Case #57846 DHCP server option 43
 - Case #58346 SNMP requests with wrong password are answered with

wrong error message

- Case #59049 Implement tunnel limitations based on SCA
 - Case #59319 SSH public key authentication still allows username/password authentication
 - Case #59245 Netboost P2: netbooster update via TR69
 - Case #59824 "ip dns proxy fqdn" command appears twice in configuration
 - Case #59847 "ip telnet disable" can't be removed from running config
 - Case #59849 "ip telnet disable" blocks sending Ethernet OAM frames
 - Case #59895 Split DNS support: new dns-proxy command needed to support separate DNS for specific domain requests
 - Case #60137 no possibility to ping or connect to CPE when you have congestion
 - Case #60734 Router reboots after show debug command
 - Case #60765 Ping6 with source address doesn't work
 - Case #61020 Router reboots when enabling 'debug pwe3 all' while streaming over xconnect connections.
 - Case #61124 OSPFv3 LSA debug activates wrongly automatically
- V5.2R1A8
 - Fix Level
 - Voice level: V36E
 - DSP level: V4R6E51 for ONE90
 - V5.1R4E3, V4.3R6E4, V4.3R4E28
 - Delivered customer tickets:
 - Case #58171 IPv6 DHCP Client can not be configured under dialer 0 with VRF on a VLAN interface
 - Case #58172 Router freezes during SNMP walk
 - Case #58342 Configuration problems with event manager v3
 - Case #58345 Syntax Error in "ONEACCESS-GLOBAL-REG" and "ONEACCESS-ETHOAM-EXT-MIB"
- V5.2R1A7
 - Fix Level

- Voice level: V36D
- DSP level: V4R6E47 for ONE90
- V5.1R4E3, V4.3R6E4, V4.3R4E28
- Delivered customer tickets:
 - Cases #49567,55175,55565 Maximum number of allocations reached: 500
 - Case #50821 ip dns-proxy dns-server <a.b.c.d> disappear after reboot
 - Case #53043 RA message sent from physical interface
 - Case #53900 Load balancing does not work
 - Case #54979 Router reboots after removing of a subinterface
 - Case #55292 Neighbour UP even if BGP is not configured into the PE
 - Case #55314 When configuring autoconf + default route on several interfaces, default route is swapping
 - Case #55347 Cache Forwarding: EFM interface must be compatible
 - Case #55349 Cache Forwarding: dialer interface (PPPoE) must be compatible
 - Case #55440 Router reboots during ping6 tests
 - Cases #55449,56086 Router reboots due to critical meory level reached
 - Case #55409 Syslog not working in combination with VRF
 - Case #56005 Router reboots when SDSL comes up
 - Case #56320 Command "ip led track-interface" does not appear in the "show running-config"
 - Cases #56111,56358 "Failed to disable arp cache update" when deleting DHCP pool
 - Case #56473 Wrong indication of ifName in SNMP OID and snmp traps
 - Case #56574 Reconnection datagram not working for pstn / 3G
 - Case #56455 DHCP Server: bogus non-empty values in "server host name" and "bootfile" option in DHCPOffer and DHCPAck
 - Case #56559 Error message setsockopt(IPV6_RECVPATHMTU) is shown
 - Case #56600 Blacklist of ADSL tones

- Case #56514 VRF support missing for: ftp with "source-interface"
 - Case #56528 Missing telnet/snmp connectivity
 - Case #56639 Missing "Device.GatewayInfo." values
 - Case #56685 IPV6: Fragmentation at 1280 bytes for a ping6 of 1500
 - Case #56775 Router reboots during SNMP walk
 - Case #56881 Change configuration from Atm/lma to Atm gives an error
 - Case #56972 Router reboots when using HTTPS and VRF
 - Case #57012 Any TCP CR shall be challenged by a 401
 - Case #57066 oacExpIMIP MIB missing
 - Case #57138 VRF - SNMP: OID error for oacVrfName
 - Case #57148 Replications of "Statistics for Channel vpi 65535 vci 65535" in the show tech-sup
 - Case #57209 RIP: distribute-list can not be applied on interface dialer
 - Cases #57249,57733 Startup message: set_if_ipv6_addr()
 - Case #57039 IPv6 performance: code optimization
 - Case #57340 BGP already down / ONE540 reject capabilities 64 and 65
 - Case #57406 Memory leak while using CWMP
 - Case #57506 Memory leak after each status change of interface IMA/ATM
 - Case #57524 Can not configure persistently Non Writable Parameters to be reported in the Inform
 - Case #57555 Router reboots when configuring firewall
 - Case #57577 Command "clear firewall counters" does not reset counter "max-used"
- V5.2R1A6
 - Fix Level
 - Voice level: V36D
 - DSP level: V4R6E47 for ONE90
 - V5.1R4E3, V4.3R6E4, V4.3R4E28
 - Delivered customer tickets:

- Case #32770 Wrong link-local address displayed in the show command
- Case #36221 EFM bandwidth shaping to be verified in bridged mode
- Case #36331 Possibility to disable telnet daemon is missing
- Case #36698 Possibility to configure a separate password for the SNMPv3 privacy parameter
- Case #36958 The traps linkUp and linkDown implemented in OneOs are not compliant with IF-MIB
- Case #37260 No SHDSL.bis sync with target noise margin below 5dB
- Case #37518 Specific inventory information available by CLI and SNMP
- Case #37877 IPv6: No response while query the ipv6MIB via SNMP
- Case #38221 Router reboots when "admin" is entered and tacacs configured but not connected
- Case #38280 Routes tied to BFD not working as expected
- Case #38358 FTP source-address can't be modified
- Case #38401 Date/time are not saved after a reboot (when ntp server is not reachable)
- Case #38575 Syslog IPv6 source interface not saved
- Case #38578 IPv6 route can be set to null 0 interface
- Case #38617 IPv6-address not seen under "show running config"
- Case #39140 Configured event manager for snmp can't be deleted by using command no event manager
- Case #39699 IPv6: Configuration of a <distance> for an IPv6 route required
- Case #40207 nd6_storelladdr: - messages appear
- Case #43768 All Admin (including SNMP) bind with IPV6 ACL are in reverse order
- Case #45383 Zone-Based Firewall: Management zone: TRAFFIC CONNECTION REFUSED for BGP and ICMP traffic
- Case #45833 Router reboots when SNMP get on specific OID
- Case #45841 usmStatsUnknownEngineIDs counter is not incremented properly
- Case #45842 Read of individual variables with "get" deliver other result as with getnext or getbulk

- Case #45844 Agent deliver other results than compares with their corresponding MIB definitions
- Case #45846 SNMP broken when changing an interface VLAN id with SNMP
- Case #45873 After a "reboot" command the router sends coldStart traps twice
- Case #45875 usmStatsUnknownUserNames counts the error frames twice
- Case #45876 usmStatsDecryptionErrors doesn't increment with wrong Privacy Password
- Case #46190 Configuring the same EOAM function in parallel by a SNMP and CLI issue
- Case #46191 SNMP: it is not possible to set the CcmInterval of the dot1agCfmMaNetTable back to 1s
- Case #46192 SNMP: Not every MEP object is set to its default value upon MEP creation via minimal VarBind
- Case #46449 Configured IPv6 address answers ping6 or telnet when interface is down
- Case #46781 Router blocked during SET TEST on Eth OAM Mib
- Case #52558 CWMP GetAllParams fails
- Case #52812 Memory allocation error when switching port negotiation
- Case #52948 High CPU load caused by tSnmpd task
- Case #53861 EOC Interop problem with MSAN DSLAM (Lantiq MODE2 auto detection mechanism)
- Case #54224 Speed 1000 on gigabitethernet 1/0
- Case #54226 Speed 1000 with SFP on GigabitEthernet doesn't work
- Case #54711 IPv6 Ping to LAN next-hop address doesn't work
- Case #54979 Router reboots after remove of subinterface
- Case #55151 PSTN connected route is maintained after PSTN disconnection
- Case #55201 Upgrade Autoconfiguration with new IAD
- Case #55204 IPv6 / Prefix delegation not renegotiate when interface goes UP
- Case #55486 BGP routes are not learning after shut/no shut of WAN interface (more than 700 routes)

- Case #55690 Default route generation in OSPF issue
- Case #55750 No response and error message with dhcpv6
- Case #55970 IPv6: PPP LCP Protocol Reject
- Case #56093 Some CLI commands don't work
- Case #56447 Autoconf doesn't work when local link is configured manually
- Case #56467 Auto-update: For selected Mac0 suffix Sub-option, Colon characters shall be removed to compiled URL for GET HTTP
- Case #56649 Drops for IPv6 traffic
- Case #56707 Crypto Keepalive timer max value not high enough”
- V5.2R1A5
 - Fix Level
 - Voice level: V36D
 - DSP level: V4R6E47 for ONE90
 - V5.1R4E3, V4.3R6E4, V4.3R4E28
 - Delivered customer tickets:
 - Case #55759 Configured link-local is active only after a reboot
- V5.2R1A4
 - Fix Level
 - Voice level: V36D
 - DSP level: V4R6E47 for ONE90
 - V5.1R4E3, V4.3R6E4, V4.3R4E28
 - Delivered customer tickets:
 - Case #55804 Router reboots while executing “show running-config”
- V5.2R1A3
 - Fix Level
 - Voice level: V36
 - DSP level: V4R6E47 for ONE90
 - V5.1R4E3, V4.3R6E4, V4.3R4E28
 - Delivered customer tickets:

- Case #50521 50533 VLAN over ATM does not work
- Case #50474 [VRRP/IPV6] Impossible to ping to and from the router when vrrp configured
- Case #51072 Loss on ATM interface with or without policy-map
- Case #52732 ARP request for IP address out of interface subnet
- Case #53975 Default route is not working with nexthop learnt by BGP.
- Case #54705 Request DNS send when create a L2CP new connection by xconnect command
- Case #55300 Display problem of IPV6 loopback in the routing table
- Case #56218 [OA540MGB5T] Router reboots after using "debug pw3 all"
- V5.2R1A1A
 - Fix Level
 - Voice level: V36
 - DSP level: V4R6E47 for ONE90
 - V5.1R4E3, V4.3R6E4, V4.3R4E28
 - Delivered customer tickets:
 - Case #52923 Crash of router on debug l2cp
 - Case #52981 CPEMS ATM PPPOA: doesn' send RIP update on WAN ATM0.1 interface.
- V5.2R1A1
 - Fix Level
 - Voice level: V36
 - DSP level: V4R6E47 for ONE90
 - V5.1R4E3, V4.3R6E4, V4.3R4E28
 - Delivered customer tickets:
 - Case #10893 Up/Down CLI enhancement
 - Case #41973 Cosmetic problems in dns-proxy debugs (and cache display)
 - Case #43389 Access-list doesn't count frames
 - Case #44745 Event Driven
 - Case #47725 Error in help message

- Case #48189 Sub VPN - BFD in VRF
- Case #48843 dot11radio0/0-Physical
- Case #48906 Router reboots while configuring IPv6 on atm 0.x
- Case #49747 Empty SDP in 200OK
- Case #50267 IPV6 - VRF OSPF
- Case #50684 NETDoc: Error in "sh flow int" - Size distribution - Probability
- Case #51023 MTU blocked at 1570
- Cases #51098, 51119 QOS counters are not incremented
- Case #51124 Informations on "show run" unexpected