



# VitalQIP Roadmap

February 2026



# Copyright and Confidentiality

---

The contents of this document are proprietary and confidential property of Cygna Labs.

This document is provided subject to confidentiality obligations of the applicable agreement(s). This document is intended for use by Cygna Labs customers and collaborators only for the purpose for which this document is submitted by Cygna Labs. No part of this document may be reproduced or made available to the public or to any third party in any form or means without the prior written permission of Cygna Labs.

The user of this document may voluntarily provide suggestions, comments, or other feedback to Cygna Labs in respect of the contents of this document ("Feedback"). Such Feedback may be used in Cygna Labs products and related specifications or other documentation. Accordingly, if the user of this document gives Cygna Labs feedback on the contents of this document, Cygna Labs may freely use, disclose, reproduce, license, distribute and otherwise commercialize the feedback in any Cygna Labs product, technology, service, specification, or other documentation.

Cygna Labs operates a policy of ongoing development. Cygna Labs reserves the right to make changes and improvements to any of the products and/or services described in this document or withdraw this document at any time without prior notice.

The contents of this document are provided "as is". Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability, or contents of this document. **CYGNA LABS SHALL NOT BE RESPONSIBLE IN ANY EVENT FOR ERRORS IN THIS DOCUMENT** or for any loss of data or income or any special, incidental, consequential, indirect, or direct damages howsoever caused, that might arise from the use of this document or any contents of this document.

This document, and the products it describes, are protected by copyright according to the applicable laws.

Cygna Labs is a registered trademark of Cygna Labs Corp. Other product and company names mentioned herein may be trademarks or trade names of their respective owners.

# Roadmap Disclaimer

---

The product roadmap information outlined in this presentation is for informational purposes only. It represents Cygna Labs current plan for the included products. Cygna Labs, at its sole discretion, has the right to add or delete any features or functionality from the current product roadmap. Included features per release and release dates are subject to change. Cygna Labs does not commit that specific features or functionality outlined in the roadmap will ultimately be released. There are no penalties, liquidated damages or other remedies associated with changes to the product roadmap including cancellation of any specific feature or functionality or delay in the timing of release.



# VitalQIP Current Releases



# VitalQIP Roadmap

Current Release

## VitalQIP 25

- WEB/UI styling enhancements and color changes
- Cloud Enhancements
  - CRUD Support for Google Cloud
- Switch QIP ES / RS / DS to run as non-root user
- Performance improvements around filtering in large subnets
- Add more than one Master in RPZ setup

- Ability to rename a DHCP Option Template
- Scope Creation – Set DHCP Server to “Same as in Subnet Profile”
- Add “well know” option folder to DHCP Option Templates
- DNS & DHCP Server Hierarchy Usability Enhancement
  - Auto Expand & Search

# VitalQIP Roadmap

## Current Release

### VitalQIP 25 (cont.)

- Report – Admins that have not logged in within a specified amount of time
- Expand checking for "Validate Subnet Profile Router for DHCP Scopes" to include creating or modifying a single V4 Dynamic Object via the WEB-UI and REST API
- Change default for TTL value in the dialog screen to 300 for creating new Resource Records in an AWS Hosted Zone

- Global Search Enhancements
  - Search for Resource Records by UDAs
  - Search for V4/V6 Addresses by DHCP Option Template
  - Instant / Global Search to return the FQDN in the Resource Record Owner results
- Global and Audit Report Search
  - Allow AND/OR within same infrastructure type
  - Allow for selection of IS NULL and IS NOT NULL

# VitalQIP Roadmap

Current Release

## VitalQIP 25 (cont.)

- Update Tomcat to use TLSv1.3
- Update Online Help
- Add Node Search mechanism in the Node Hierarchy
- New Description field in the Contact Profile and on the Administrator Profile
- Allow Bulk Delete for qip-cli v4address,delete
- Admin Managed List enhanced to display full hierarchy path of V6 Pools
- UDA Inheritance for V4 Subnets within V4 Subnet Organizations

# VitalQIP Roadmap

## Current Release

### VitalQIP 25 (cont.)

- Rest API Support

- Execute Canned Global Search and Audit reports
- Associate/Disassociate a Subnet to a Subnet Organization
- Manage IPv6 Subnet Organizations
- CRUD for DHCP Fingerprints
- Enhance the REST API that copies MAC Pools to the Global MAC Pool
- Get Resource Record properties/values based on owner, record type and data fields
- Execute qip-import / qip-export

- Rest API Support (cont.)

- DHCP Scope Delete
- Provide DHCP Scope Utilization for an overall subnet
- Identify if a subnet exists for an IP address
- Change InfraType / InfraAddr / InfraFQDN
- Find Managed Secondary Servers for a Non-Managed DNS Server via Zone Name
- RR Post Response to include the RR owner FQDN vs. short name (current behavior)



# VitalQIP Upcoming Releases



# VitalQIP Roadmap

## Planned Release

### DNS 6.5 Server (1st QTR 2026)

- DNS 6.5 Sever (BIND 9.20)
- DNS 6.5 can be used with supported versions of VitalQIP
- Script and instructions will be provided for use in DNS User Exit files.
- DNSSEC support not included. Customers using DNSSEC will need to wait for QIP 25 PR1 in Q2, 2026
- One external RFE and one customer reported defect will be included
  - RFE B-10038: Generate a warning to syslog when max-record-per-type and max-types-per-name are close to exceeding the policy values
  - Defect D-08303: max-rdataset-for-update logic should not block a delete set operation

\*\*\* NOTE: DNS 6.4 (BIND 9.18) EOL end 1Q 2026) \*\*\*

# VitalQIP Roadmap

## Planned Release

### DNS 6.5 Server (cont.)

#### Configuration and Data

##### UserExits.pcy

```
;
; DNS Config Push (Remote)
DNSCFG1=qipprednscnfuserexit
DNSCFG2=qipdnscnfuserexit2
DNSCFG3=qipdnscnfuserexit
DNSCFG4=qipdnscnfuserexit4
; DNS Config Push (FGS)
DNSCFG1FGS=qipprednscnfuserexitfgs
DNSCFG3FGS=qipdnscnfuserexitfgs
```

For a Configuration and Data push, edit the configured "**DNSCFG3**" script file in \$QIPHOME/userexits (by default file qipdnscnfuserexit) to add the following line:

**\$QIPHOME/userexits/script\_update\_dnssec-validation \$4**

#### Update

##### UserExits.pcy

```
;
; DNS Update Push (Remote)
;DNSUP0=qipdnsererror
DNSUP1=qipprednsuserexit
DNSUP2=qipdnsuserexit2
DNSUP3=qipdnsuserexit
DNSUP4=qipdnsuserexit4
; DNS Update Push (FGS)
DNSUP1FGS=qipprednsuserexitfgs
DNSUP3FGS=qipdnsuserexitfgs
```

For an Update push, edit the configured "**DNSUP2**" script file in \$QIPHOME/userexits (by default file qipdnsuserexit2) to add the following line:

**\$QIPHOME/userexits/script\_update\_dnssec-validation \$3**

# VitalQIP Roadmap

## Planned Release

### VitalQIP 25 PR1 (2<sup>nd</sup> QTR 2026)

Limited feature release focused on introducing support for the new DNS 6.5 (BIND 9.20) server

- PR1 release for new DNS 6.5 (BIND 9.20) server WEB/UI support
- API / CLI support for new DNS 6.5 server included
- DNSSEC support included



# Cygna Appliance Manager Current Release



# Cygnal Appliance Manager (CAM)

Current Release

## Cygnal Appliance Manager 25

- Web / UI rebranding
- Sapphire appliance package management
- Pre-deploy packages (Shorter Maintenance Windows)
- Switch to SNMPv3 as default for dashboards
- Reintroduction of Online Help
  
- New Hardware Appliance Models (x60 series)
  - QIP760
  - QIP1260RAID
  - QIP6060

# Cygnal Appliance Manager (CAM)

Current Release

## Cygnal Appliance Manager 25 (cont.)

- System Resource Usage Graphs
  - CPU Usage Over Time
  - CPU Load Average
  - Number of Processes
  - Logged in Users Over Time
  - Memory Used and Free
  - Disk Space Usage Over Time
  - Disk IO Bandwidth
  - Disk IO Operations
  - Network Traffic

# Cygnal Appliance Manager (CAM)

Current Release

## Cygnal Appliance Manager 25 (cont.)

- DNS-ANYCAST configuration improvements
  - OSPF Routing Type
  - BGP Routing Type
- Support for ESM-DR in select cloud configurations
  - AWS (using Direct Connect)
  - Azure (using ExpressRoute)

# Cygnal Appliance Manager (CAM)

Current Release

## Cygnal Appliance Manager 25 (cont.)

- REST API Versioning
- Update Swagger description details
- Additional REST API Support
  - Configure SNMPv3 user associations and trap destinations
  - Pre-deploy packages to an appliance
  - AMS Dashboard Information
  - Get Service Status
  - Get Deployed Packages

- DNS-HA Get Active Node
- DNS-HA Force Switchover
- DNS DIG
- DNS Health
- DHCPv4 Health
  - Show DHCPv4 Parter Status
  - Show DHCPv4 Secondary active report

# Cygnal Appliance Manager (CAM)

Current Release

## Cygnal Appliance Manager 25 (cont.)

- DNS Package Tools

- rndc flush
- rndc flushtree
- rndc flushname
- notrace
- querylog
- reconfig
- recursing
- stats
- status
- trace
- reload

- refresh
- freeze
- thaw
- notify
- qddns-stats
- disable\_qddns\_snmp\_plugin
- enable\_qddns\_snmp\_plugin
- get\_qddns\_snmp\_plugin\_state
- test\_qddns\_snmp\_plugin\_status

# VitalQIP Product Lifecycle



# VitalQIP Release Lifecycle

## Note for Customers running AMM3 / RHEL7

RHEL7 reached end of maintenance support (June 30<sup>th</sup> 2024)

The final cumulative System Patch for the AMM3 appliances was released on July 25<sup>th</sup>, 2024. No additional security patches will be produced for AMM3 appliances now that RHEL7 has reached end of maintenance support.

The latest VitalQIP appliance image (AMM9) is based on the Rocky Linux 9 OS.

Customers running VitalQIP hardware and software appliances using AMM3 / RHEL7 OS are encouraged to upgrade.

# VitalQIP DNS Release Lifecycle (cont.)

## Note for Customers running Microsoft Windows

**DNS 6.4 is not available for the Microsoft Windows platform.**

**ISC announced that they will no longer include support for Microsoft Windows starting with their BIND 9.17 branch and any future branches, thus dropping support for Microsoft Windows entirely. BIND 9.18 is the source code that VitalQIP DNS 6.4 is based on.**

**As a result, Cygna Labs will not be able to offer a DNS 6.4 release for the Windows platform.**

**\*All future dates are subject to change**

# VitalQIP Release Lifecycle

## Note for Customers running SOAP APIs and WEB Client CLIs

The VitalQIP SOAP APIs will be removed in VitalQIP 27. Customers using VitalQIP SOAP API are encouraged to contact VitalQIP Product Management to discuss migration to the VitalQIP RESTful APIs.

The VitalQIP WEB Client CLI's (qip-cli) will be deprecated in a future release. Customers using VitalQIP WEB Client CLIs are encouraged to contact VitalQIP Product Management to discuss migration to the replacement VitalQIP RESTful APIs. The VitalQIP WEB Client CLI's are identified as starting with qip-cli -c or qip-cli --command followed by a series of options

# VitalQIP Release Lifecycle

## DNS 6.4 (BIND 9.18) Server

ISC is dropping support for BIND 9.18 at the end of Q1 2026.

Cygnalabs will continue to support customers running our DNS 6.4 (BIND 9.18) server for one year after the ISC BIND 9.18 EOL.

Support during this period will be limited to backporting ISC CERT fixes for Critical and High vulnerabilities where technically feasible. We encourage customers to upgrade to the DNS 6.5 (BIND 9.20) server once it becomes available.

# VitalQIP Release Lifecycle

Support Status	Product Release	General Availability	Discontinued Availability	Discontinued Support
Planned Release*	VitalQIP 27	June 2027		
Planned Release*	VitalQIP 25 PR1	June 2026		
Current Release	VitalQIP 25	December 2, 2025		
Supported Release	VitalQIP 24	December 19, 2024	June 2027	June 2028
Sunsetting	VitalQIP 23	December 22, 2023	December 31, 2025	June 2027
Sunsetted	VitalQIP 22	December 19, 2022	December 31, 2024	December 31, 2025

**\*All future dates are subject to change**

# VitalQIP DNS Release Lifecycle

Support Status	Product Release	General Availability	Build	Discontinued Availability	Discontinued Support
Planned Release*	DNS 6.5 (BIND 9.20.18)	February 26, 2026 (Linux Only)	Build 9		
Current Release	DNS 6.4 (BIND-9.18.41)	October 31, 2025 (Linux Only)	Build 23	March 2026	December 31, 2026
Supported Release	DNS 6.4 (BIND-9.18.41)	October 31, 2025 (Linux Only)	Build 23	March 2026	December 31, 2026
Supported Release	DNS 6.4 (BIND-9.18.33)	February 25, 2025 (Linux Only)	Build 22	March 2026	December 31, 2026
Supported Release	DNS 6.4 (BIND-9.18.28)	July 23, 2024 (Linux Only)	Build 21	March 2026	December 31, 2026
Supported Release	DNS 6.4 (BIND-9.18.24)	February 20, 2024 (Linux Only)	Build 20	March 2026	December 31, 2026
Supported Release	DNS 6.4 (BIND-9.18.19)	December 22, 2023 (Linux Only)	Build 17	March 2026	December 31, 2026

**\*All future dates are subject to change**

# VitalQIP DHCP Release Lifecycle

Support Status	Product Release	General Availability	Build	Discontinued Availability	Discontinued Support
Current IPv6 Release	DHCPv6 3.0	December 2, 2024	Build 32		
Supported IPv6 Release	DHCPv6 3.0	December 22, 2023	Build 27	December 31, 2025	December 31, 2026
Sunsetted Release	DHCPv6 3.0	December 7, 2021	Build 21	December 31, 2024	December 31, 2025
Sunsetted Release	DHCPv6 3.0	July 21, 2020	Build 18	December 31, 2023	Dec. 31, 2024
Current IPv4 Release	DHCP 7.0 (64 bit)	July 23, 2025	Build 50		
Supported Release	DHCP 7.0 (64 bit)	February 22, 2024	Build 42	December 31, 2025	December 31, 2026
Sunsetted Release	DHCP 7.0 (64 bit)	December 22, 2023	Build 41	December 31, 2024	December 31, 2025

**\*All future dates are subject to change**

# Cyigna Appliance Manager (CAM) Release Lifecycle

Support Status	Product Release	General Availability	Discontinued Availability	Discontinued Support
Planned Release*	CAM 28	March 2028		
Planned Release*	CAM 27	March 2027		
Current Release	CAM 25	December 31, 2025		
Supported Release	Appliance Manager 24	December 13, 2024	March 2027	March 2028
Sunsetting	Appliance Manager 23	December 22, 2023	December 31, 2025	March 2027
Sunsetted	Appliance Manager 22	December 19, 2022	December 31, 2024	December 31, 2025
Sunsetted	Appliance Manager 21	November 18, 2020	December 31, 2023	December 31, 2024

**\*All future dates are subject to change**



**Thank you for your time!**

[www.cygnalabs.com](http://www.cygnalabs.com)  
[sales@cygnalabs.com](mailto:sales@cygnalabs.com)  
+1 (844) 442-9462

