



Qualys Gateway Service v3.x

Release Notes

Version 3.6.0

February 21, 2024

What's New?

Here's what's new in Qualys Gateway Service 3.6.0!

[Appliance Upgrades and Versions](#)

[Container Image Versions](#)

[Appliance Image Version](#)

[Appliance Base Download Image Version](#)

[Upgraded Appliance Components](#)

[New Toggle to Control the Proxy Port](#)

[New Field to Configure Proxy Port Authorized IPs](#)

Qualys Gateway Service 3.6.0 brings you many more improvements and updates!

Appliance Upgrades and Versions

QGS 3.6.0 brings updates to Container and Appliance images.

Container Image Versions

With this release, we have updated the following containers to these new versions:

| Container | Versions |
|---------------|----------|
| cams-logstash | 1.7.1.10 |
| cams-rsyslog | 1.7.1.10 |
| camsd | 1.7.1.10 |
| cams-mgr | 1.7.1.10 |

| REPOSITORY | TAG | IMAGE ID | CREATED | SIZE |
|---------------|----------|----------|--------------|--------|
| cams-logstash | 1.7.1-10 | | 6 weeks ago | 773MB |
| cams-mgr | 1.7.1-10 | | 6 weeks ago | 1.25GB |
| cams-rsyslog | 1.7.1-10 | | 6 weeks ago | 92MB |
| camsd | 1.7.1-10 | | 6 weeks ago | 1.53GB |
| cams-metrics | 1.5.3-2 | | 2 months ago | 104MB |
| | | | | 66% |
| < EXIT > | | | | |

Appliance Image Version

To verify that the appliance is upgraded to the latest version of QGSUI, check the version displayed on the **Appliance Details** page.

| Identification | |
|-------------------|--------------------------|
| Model: | Qualys Virtual Appliance |
| Version: | 1.5.3-2 |
| IPv4 Address: | |
| MAC Address: | |
| Gateway: | |
| DNS: | |
| Certificate Type: | Qualys Signed |

Appliance Base Download Image Version

With this release, we have upgraded the appliance base download image version on the QGS UI. If deploying a new QGS, download the latest base download image version from the **Download Image** tab in the QGS UI.

Virtualization Platform Image

Download the required virtualization platform image from the supported list.

| IMAGE NAME | FILE SIZE | |
|---------------------------------------|-----------|-------------------|
| qualys-qgs-appliance-2.2.0-21.ova | 2.16GB | ↓ |
| qualys-qgs-appliance-2.2.0-21.ovf.zip | 2.12GB | ↓ |
| qualys-qgs-appliance-2.2.0-21.vmx.zip | 2.11GB | ↓ |

OK

Upgraded Appliance Components

QGS 3.6.0 release updates the following component version.

Squid proxy version updated to 6.5 - [Squid 6.5 Release Notes](#)

New Toggle to Control the Proxy Port

We have introduced a new toggle on the appliance configuration wizard to turn off the proxy port when not in use. You can restrict the proxy port from listening on the appliance when it is in cache or patch mode. The toggle is turned on by default.

Refer to the image to see the QGS appliance configuration with the proxy port turned off.

← Configuration: **ak-new-iptest-103**

STEPS 1/3

1 Proxy

2 Modes

3 TLS Protocols

Configure the Proxy Port

Cloud Agents connects to Qualys Cloud Platform using proxy port while using Qualys Gateway Service

Proxy Port

1080

Note: Valid Port values are 1 – 65535 (integers only), excluding 22, 23, 2379, 2380, 4001, 5514, 7001, 48081, 48082, 48083, 48084, 48085, 48086.

☐

When the proxy port is turned off, the appliance configuration details do not show any proxy port.

Configuration

Proxy :

Disable

Cache Port :

8080

Cache :

Enable

Other Patch Mode :

Patch Mode

TLS Protocol Client :

You can find the appliance with no proxy port on the Appliance listing page.

| | | | | | | | | |
|--|---|-----------------|---------------|---------------|------------|------------|---------------------|--------|
| <div>New ApplianceDownload ImageDownload Qualys Signed Certificate</div> | | | 1 - 50 of 388 | | | | | |
| STATUS | APPLIANCE | DEPLOY LOCATION | UNIQUE IPS | ACTIVE AGENTS | PROXY PORT | CACHE PORT | TLS PROTOCOL CLIENT | HEALTH |
| Active Jan 24, 2024 | <div>ak-new-iptest-103</div> <div>Cache: Enabled Other Patch Mode: Pat...</div> | Pune | 0 | 1 | - | 8080 | | Normal |

Refer to the image to see the QGS appliance configuration with the proxy port turned on. This is the default configuration.

Configuration: ak-new-iptest-103

STEPS 1/3

1 Proxy

2 Modes

3 TLS Protocols

Configure the Proxy Port

Cloud Agents connects to Qualys Cloud Platform using proxy port while using Qualys Gateway Service

Proxy Port

1080

Note: Valid Port values are 1 – 65535 (integers only), excluding 22, 23, 2379, 2380, 4001, 5514, 7001, 48081, 48082, 48083, 48084, 48085, 48086.

When the toggle is turned on, the proxy port input field is available for configuration. Use the default proxy value (1080) or provide an alternative value that does not conflict with other IP ports in use (refer to “Changing the Proxy Port” section on the [QGS user guide](#)).

When the proxy port is turned on, the appliance configuration details show the configured proxy port.

Configuration

Proxy Port :

1080

Proxy :

Enable

Cache Port :

8080

Cache :

Enable

Other Patch Mode :

Patch Mode

TLS Protocol Client :

New Field to Configure Proxy Port Authorized IPs

With this release, we have introduced a new field called 'Authorized IPs' in the QGS UI. This field restricts Proxy Port access to specific agents by allowing their IPs on the appliance. Provide single or multiple comma-separated IPs, subnets, or CIDR ranges in the input field. Only these listed IPs can communicate with the appliance. can communicate with the appliance proxy port.

This feature can restrict the QGS proxy port's usage to the following devices.

- Qualys Scanners
- Qualys Passive sensors
- Other QGS appliances that are proxy chaining
- Linux endpoints with package manager clients, like yum, dnf, apt, or zypper, that need to access their patch repositories while ensuring that egress from that network segment occurs via the QGS.

The screenshot shows the 'Configuration: ak-new-ip-only-136' page. On the left, a sidebar lists 'STEPS 1/3': 1 Proxy (selected), 2 Modes, and 3 TLS Protocols. The main area is titled 'Configure the Proxy Port' with a toggle switch turned on. Below the title, it says 'Cloud Agents connects to Qualys Cloud Platform using proxy port while using Qualys Gateway Service'. There are two input fields: 'Proxy Port' with the value '1080' and a note 'Note: Valid Port values are 1 - 65535 (integers only), excluding 22, 23, 2379, 2380, 4001, 5514, 7001, 48081, 48082, 48083, 48084, 48085, 48086.'; and 'Authorized IPs' with the value '192.168.122.3'. Below the 'Authorized IPs' field, there is a warning icon and text: 'Please enter comma separated valid IPs or CIDRs/subnets. Examples: 192.168.122.3, 192.168.122.0/24. Use this option to restrict access to the QGS proxy port to the following discrete IPs or CIDRs/subnets. If this field is left blank, there are no restrictions.' At the bottom, there are 'Cancel' and 'Next' buttons.

You can view the details of the IPs with proxy port access on the **View Details** page of an appliance.

