



Release Notes and Product Information Guide for HyperSec Gateway

Avaya Data Solutions

Document Date: April 2017

Document Number: NN48200-401

Document Version: 01.01

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1. Introduction

These Release Notes provide important information about this release of the HyperSec Gateway. For installation and initial setup information, refer to Deploying Avaya Surge, NN4800-300.

1.1 Documentation

See the Avaya Surge product page on the Avaya support website, <https://support.avaya.com/> to download the latest documents and software to support the HyperSec Gateway.

You must download the latest software and read the product documentation before you deploy the HyperSec Gateway.

2. Important Notices

This section provides important information for this release.

2.1 File Names

This section describes the HyperSec Gateway software files.

Software Files

The following table provides the details of the HyperSec Gateway software files.

Filename	Description	File size (bytes)
BRISDL20_GA.v3.0.0.0.oss-notice.txt	Optional: Master Copyright file.	25,433,002
BRISDL20_GA.v3.0.0.0.bristol_hp-dl20.bin	System software image for the HyperSec Gateway	263,840,954
VEGA1101_GA.v3.0.0.0.vega-image-genericx86-64.iso	System software image for the HyperSec Gateway Virtual Machines	402,653,184
VEGA1101_GA.v3.0.0.0.sha512.sig	MD5 Digital Signature	505

2.2 Operational Mode

The HyperSec Gateway by default works in Surge IoT Controller Mode.

2.3 Technical specifications

Read the HP ProLiant DL20 Gen9 server setup overview information for all Technical specifications. For more Information, see www.hpe.com and download the HP ProLiant DL20 Gen9 server user guide.

3. Platforms Supported

HyperSec Gateway - HP ProLiant DL20 Gen9 server

4. Notes for Upgrade

Software Upgrades are differentiated into two separate areas:

- Upgrading the System Bristol Image running on the HP DL20 using the file - BRISDL20_GA.v3.0.0.0.bristol_hp-dl20.bin
- Independently upgrading the service instance running in HyperSec Gateway through the Surge IoT controller using the file - VEGA1101_GA.v3.0.0.0.vega-image-genericx86-64.iso

Note: Updating the Bristol image will impact all operational services in all service instances.

4.1 Upgrade of System Bristol Image

Bristol software upgrade is used through the Bristol VEGA CLI. The following is an example of the Bristol software upgrade.

Use the Bristol DL20 OOB management IP to SSH and access the Bristol CLI. If OOB management IP is not configured/available, connect Monitor and keyboard to access the Bristol CLI.

Refer to *Deploying Avaya Surge, NN48200-300* for more details on accessing Bristol CLI.

Username: rwa,

Password:rwa

```
ssh rwa@<oob-mgmt-ip>
```

```
rwa@<mgmt-ip> password: rwa
```

```
software release: BRISTOL.3.0.0.0int012-2-g3ee9a8c-dirty
```

```
serial number: 14:02:ec:6a:24:54
```

```
password seed: 625933
```

```
Welcome to Bristol CLI
```

```
rwa@vega>
```

```
software-upgrade image-name BRISDL20_GA.v3.0.0.0.bristol_hp-dl20.bin
```

```
software-upgrade path /home/public/
```

```
software-upgrade server ip 123.55.21.228
```

```
software-upgrade server port 22
```

```
software-upgrade mode sftp
```

```
software-upgrade user username root
```

```
software-upgrade user password hypsecg
```

```
software-upgrade start
```

You can query the Bristol software upgrade status from CLI by issuing the following command:

```
show software-upgrade status
```

After the status reflects 'done', issue 'set system power reboot' to boot the device with upgraded software.

```
rwa@vega> set system power reboot
```

```
rwa@vega> show software-upgrade status
```

```
system {
  download-image-status {
    status done;
    error-code success;
  }
}
```

CLI to check software-upgrade parameters

```
show software-upgrade parameters
```

```
Image Name      : BRISDL20_GA.v3.0.0.0.bristol_hp-dl20.bin
```

```
Image Path      : /home/public/
```

```
Transfer Mode   : SFTP
```

```
Server IP       : 123.55.21.228
```

```
Server Port     : 22
```

```
Server Login Name: root
```

4.2 Upgrade of Bristol VM services through Surge IoT Controller

Refer to *Deploying Avaya Surge, NN48200-300* for more details on upgrading the VMs through the Surge IoT Controller.

5. Known Issues

Issue	Description	Workaround
SDN-4010	HyperSec Gateway HP DL20 G9 boot up issue	When HyperSec Gateway power off and on immediately in less than 30 seconds HP DL20 G9 server failed to recognize the storage. Please, pause more than 1 minute between power off and on to

		restart.
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