SOFTWARE UPGRADE GUIDE

# Ruckus SmartCell Insight Upgrade Guide, 5.4

## Supporting SmartCell Insight Release 5.4

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# Contents

**Updating the SCI Software** ..... **5**
Updating the Software from the Cloud ..... 5
Updating the Software Package by Downloading it ..... 5

**Upgrade Requirements** ..... **7**

**Verifying the Upgrade** ..... **9**
Running the Upgrade-Verification Command ..... 9
Expected Results of Running the Upgrade-Verification Command ..... 9

**Upgrade FAQs** ..... **11**
How do I get support? ..... 11
Upgrading to the SCI License ..... 11

# Updating the SCI Software


- Updating the Software from the Cloud..... 5
- Updating the Software Package by Downloading it..... 5


You can update your SCI software either from the cloud or by downloading the updated software package.

# Updating the Software from the Cloud

You can update the SCI software from the cloud if you are connected to the internet (recommended).

Follow these steps to update the software from the cloud:

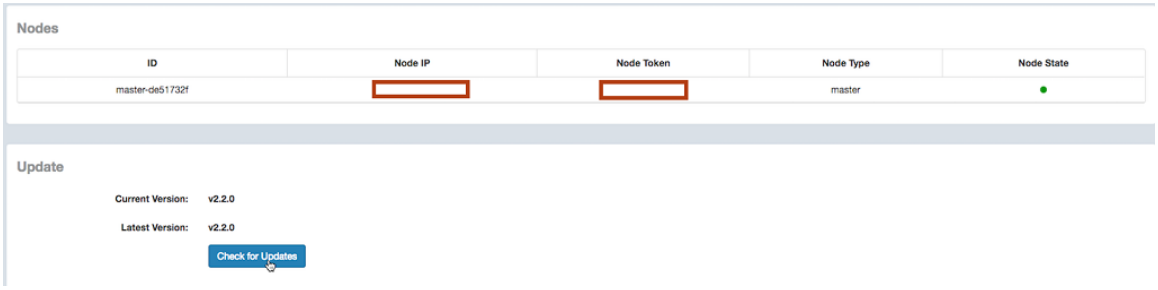
**NOTE**
Because the cloud updater downloads images from Amazon AWS, ensure that the following domains are whitelisted from the SCI VM for both incoming and outgoing traffic:

- s3-us-west-2.amazonaws.com
- 484213038011.dkr.ecr.us-west-2.amazonaws.com

1. From the SCI dashboard, click **Admin** > **Status & Update**.

   The **Status & Update** page appears.
2. Click **Check for Updates**.

**FIGURE 1** Updating software




It takes up to 10 minutes to update the software package.

# Updating the Software Package by Downloading it

You can also update the SCI software by downloading the updated software package if you are not connected to the internet.

Follow these steps to update the software by downloading the software package:

1. Download the updated software package from the Ruckus Wireless support web site.
2. Upload the software package to the Master Node location: /storage/updates directory.

3. From the Master node, run the following command:

```
sudo docker exec -it rsa-cluster-manager bin/rake rsa_cluster_manager:software_update:from_package[software_update_package_file_name]
```

where **software_update_package_file_name** is the name of the updated software package file (without the parent directories) uploaded in the previous step.

It takes up to 10 minutes to exclusively update the software package (not counting the time to upload or download the software).

# Upgrade Requirements

The following is the required information to upgrade to this release.

**Upgrade from SCI version 2.x to 5.3.0**: If SCI version 2.x is connected to the Internet, navigate to **Admin** >**Status & Update** to upgrade to SCI version 5.3.0.

> **NOTE**
> If you first installed this SCI instance at version SCI 2.0 or SCI 2.0.1, run the following command (***exactly*** as shown below, including the back-tick marks) on that instance to receive an accurate display of the Custom Dashboards, even if you periodically updated this instance to later versions of SCI 2. x:
>
> ```
> `docker-compose up -d --remove-orphans`
> ```

**TABLE 1** Upgrade Information

| Release | Previous versions supported for upgrade to this release | Notes |
|---|---|---|
| 5.3.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 5.2.1 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 5.1.3 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 5.1.2 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 5.1.1 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 5.1.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 5.0.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |

**TABLE 1** Upgrade Information (continued)

| Release | Previous versions supported for upgrade to this release | Notes |
|---|---|---|
| 3.6.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 3.5.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 3.2.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 3.1.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 3.0.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 2.5.1 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 2.5.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using U-pack without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 2.4.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2 and above | Can be upgraded using *U-pack* without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 2.3.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | SCI 2.2.0 | Can be upgraded using *U-pack* without Internet connection |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 2.2.0 | Previous versions of 2.x (except SCI 2.0.0) | Connection to the Internet is mandatory. Navigate to **Admin** > **Status & Update** to upgrade to this release. |
| | 1.4 (migration only) | Refer to "Migration from SCI 1.x" in the SCI Installation Guide. |
| 2.1.1 | Previous versions of 2.x (except 2.0.0) | Connection to the Internet is mandatory. |
| 2.1.0 | 2.0.1 | Connection to the Internet is mandatory. |
| 2.0.1 | | Connection to the Internet is mandatory. |
| 2.0.0 | | Connection to the Internet is mandatory. |

# Verifying the Upgrade

You can run a command on all SCI VMs to verify a successful upgrade.

## Running the Upgrade-Verification Command

Run the following command on all SCI virtual machines - the master node and all data nodes:

```
sudo docker ps
```

## Expected Results of Running the Upgrade-Verification Command

You should receive the following output after running this command:

- List of all containers running in the VM.
- Version number of each container.

  **NOTE**
  This is the SCI version number: Be sure this is the version to which you were trying to upgrade.

- The date the containers were created.
- The length of time the containers have been running.

# Upgrade FAQs

## How do I get support?

For product support information and details on contacting the Ruckus Customer Services and Support Team, go directly to the Support Portal using https://support.ruckuswireless.com, or go to https://www.ruckuswireless.com and select **Support**.

## Upgrading to the SCI License

For information on upgrading from the trial license to the SCI license, refer to the SCI Installation Guide.

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