

RUCKUS SmartCell Insight Upgrade Guide, 5.5

Supporting SmartCell Insight Release 5.5

© 2020 CommScope, Inc. All rights reserved.

ARRIS, the ARRIS logo, COMMSCOPE, RUCKUS, RUCKUS WIRELESS, the Ruckus logo, and the Big Dog design are trademarks of CommScope, Inc. and/or its affiliates. Wi-Fi Alliance, Wi-Fi, the Wi-Fi logo, Wi-Fi Certified, the Wi-Fi CERTIFIED logo, Wi-Fi Protected Access, the Wi-Fi Protected Setup logo, Wi-Fi Protected Setup, Wi-Fi Multimedia and WPA2 and WMM are trademarks or registered trademarks of Wi-Fi Alliance. All other trademarks are the property of their respective owners.

No part of this content may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from CommScope, Inc. and/or its affiliates ("CommScope"). CommScope reserves the right to revise or change this content from time to time without obligation on the part of CommScope to provide notification of such revision or change.

CommScope provides this content without warranty of any kind, implied or expressed, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. CommScope may make improvements or changes in the products or services described in this content at any time. The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice.

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:

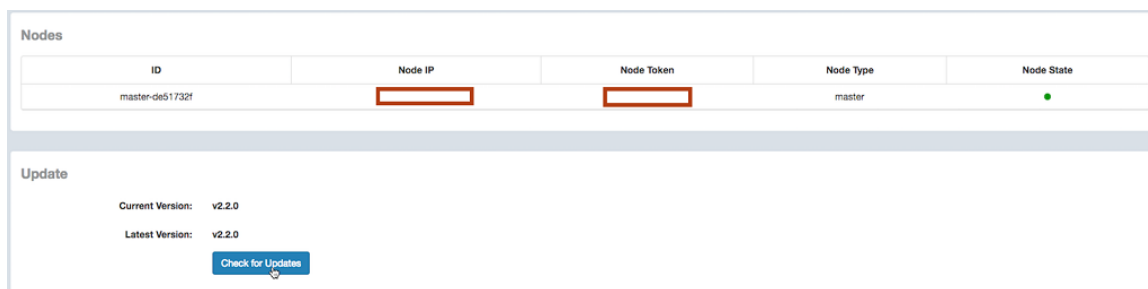
- s3-us-west-2.amazonaws.com
- 484213038011.dkr.ecr.us-west-2.amazonaws.com

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.

Updating the SCI Software

Updating the Software Package by Downloading it

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

```
sudo docker exec -it rsa 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.

Upgrade Requirements

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 <i>U-pack</i> 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 <i>U-pack</i> 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.

