

# Sky Enterprise Junos OS Upgrade 日本語操作ガイド

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JUNIPER  
NETWORKS

Engineering  
Simplicity

# はじめに

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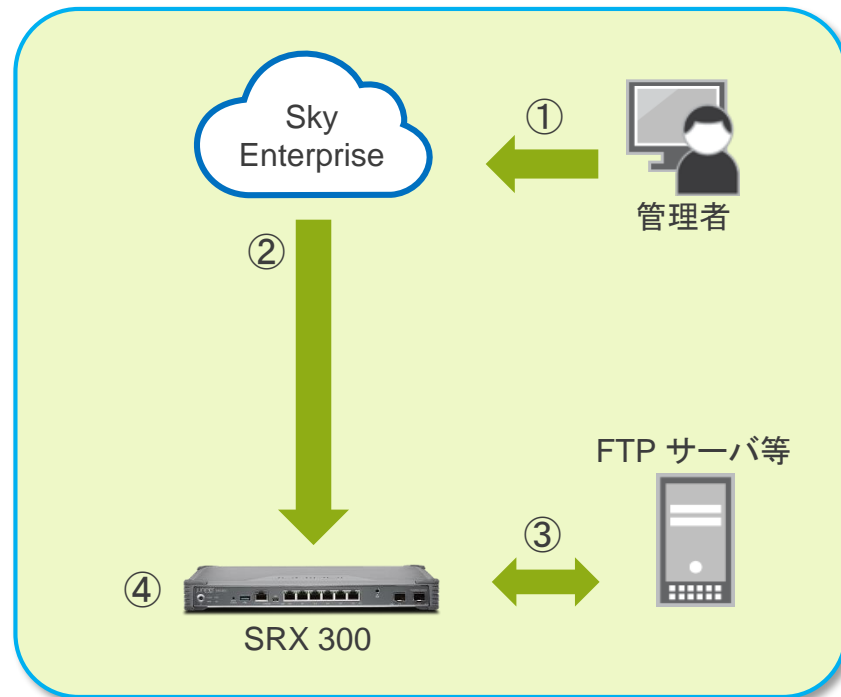
- ◆ 本資料では、Junos OS Upgrade のポータル操作について、SRX300 を例に説明します。

# Junos OS Upgrade

## Junos OS Upgradeの流れ

- ① Sky Enterprise 操作  
Software Library 登録、対象デバイス指定
- ② Upgrade の実行指示
- ③ 外部サーバより Junos OS のダウンロード
- ④ Upgrade の実施

※ Upgrade の実行時に Reboot も自動で実施される



# Junos OS Upgrade

## 事前準備

1. Junos OS Software の準備
2. FTP、HTTPS などのサーバに Junos OS を格納
3. ファイルサイズの確認
4. MD5 チェックサムの確認

Juniper download サイトより確認可能

<https://support.juniper.net/support/downloads/>

Download Results for: SRX300

Select: OS Junos (Recommended) VERSION 15.1X49 (Recommended)

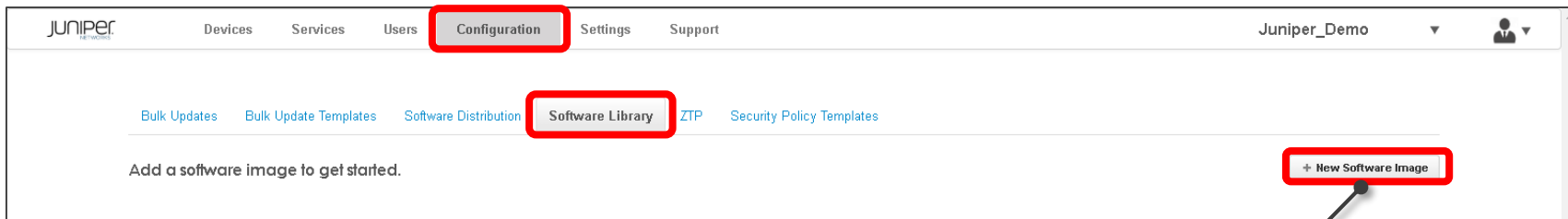
✕ Install Package

Description	Release	File Date	Downloads
SRX300 & SRX500-Series	15.1X49-D160	19 Dec 2018	<a href="#">tgz (246.71MB)</a> <a href="#">Checksums</a>

# Junos OS Upgrade

## Junos OSのLibrary 登録

1. [Configuration] > [Software Library] - [New Software Image] をクリック



New Software Image

# Junos OS Upgrade

## Junos OSのLibrary 登録

### 2. 必要項目を入力

Library 名

URL

Junos OS バージョン

ファイルサイズ

MD5 チェックサム

Save

Cancel

Save

Add Software Image

Name Junos OS

URL ftp://xx.xx.xx.xx/junos-srxsme-15.1

Type junos

Vendor Juniper

Version 15.1X49-D160

Size in Bytes 255699174

MD5 Checksum a2c64bdc1f0b5a09b6e4de1e486fa6

URL format should be:  
sftp|ftp|ftps|http|https://[username[:password]@host[:port]/path/to/file

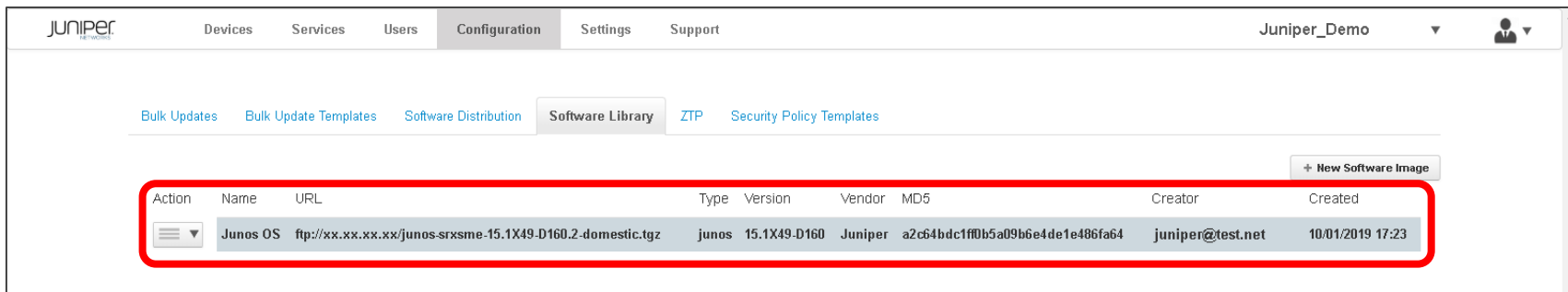
Find information on how to get/create an MD5 checksum here:  
[https://www.juniper.net/documentation/en\\_US/sky-enterprise/topics/topic-map/sky-enterprise-technical-support-guide.html#d-creating-an-md5-checksum-for-your-software-image](https://www.juniper.net/documentation/en_US/sky-enterprise/topics/topic-map/sky-enterprise-technical-support-guide.html#d-creating-an-md5-checksum-for-your-software-image)

### 3. [Save] をクリックして登録

# Junos OS Upgrade

## Junos OSのLibrary 登録

### 4. Software Library の確認



The screenshot shows the Juniper Configuration page with the 'Software Library' tab selected. A table lists software images, with the first row highlighted by a red box. The table has columns for Action, Name, URL, Type, Version, Vendor, MD5, Creator, and Created.

Action	Name	URL	Type	Version	Vendor	MD5	Creator	Created
☰	Junos OS	ftp://xx.xx.xx.xx/junos-srxsme-15.1X49-D160.2-domestic.tgz	junos	15.1X49-D160	Juniper	a2c64bdc1f0b5a09b6e4de1e486fa64	juniper@test.net	10/01/2019 17:23

# Junos OS Upgrade

## Junos OS の Upgrade

1. [Configuration] > [Software Distribution]  
必要項目を入力し [Run] をクリック

The screenshot shows the Junos OS upgrade configuration interface. The 'Configuration' menu is highlighted in the top navigation bar. The 'Software Distribution' tab is selected in the sub-navigation. The 'Image' dropdown is set to 'Junos OS', and the 'Type' dropdown is set to 'Upgrade'. The 'Select Devices' dropdown is open, showing a table with one device selected. The 'Run' button is highlighted in green. Red boxes and arrows highlight the 'Image', 'Type', 'Select Devices', and 'Run' elements. Callout boxes with Japanese text point to these elements: 'Library 指定' (Library selection) points to the Image dropdown, 'Upgrade' points to the Type dropdown, 'デバイス指定' (Device selection) points to the device table, and 'Run' points to the Run button.

Library 指定

Upgrade

デバイス指定

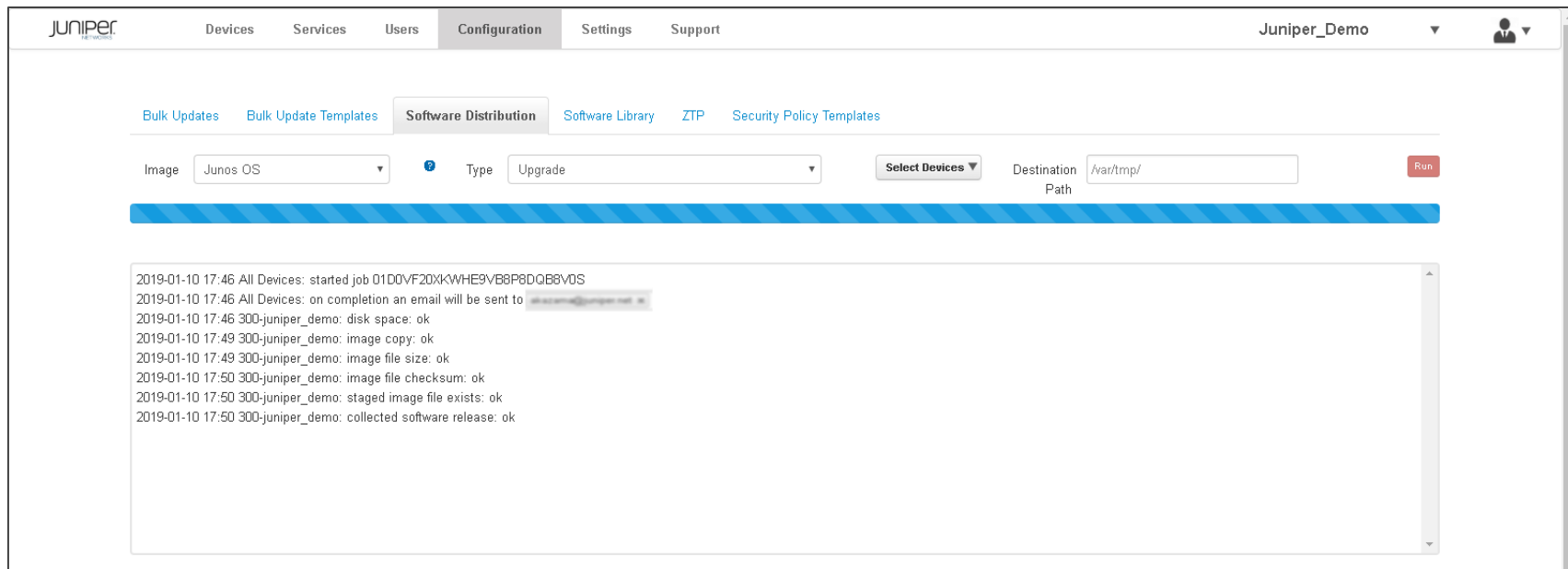
Run



# Junos OS Upgrade

## Junos OS の Upgrade

### 2. Upgrade の進行状況が出力



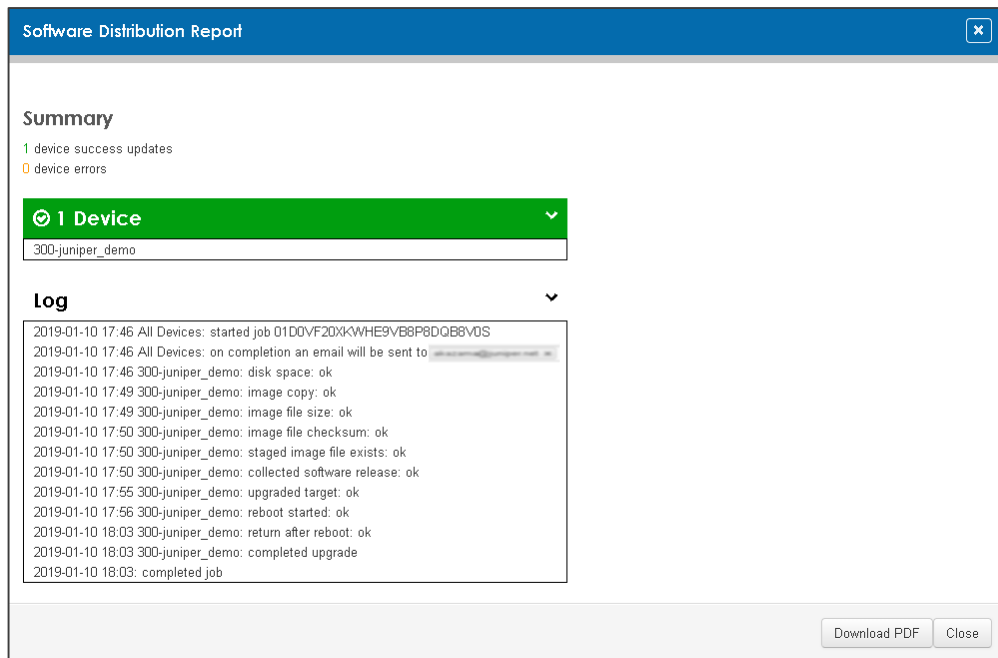
The screenshot displays the Juniper Configuration interface. The top navigation bar includes 'Devices', 'Services', 'Users', 'Configuration', 'Settings', and 'Support'. The 'Configuration' tab is active, and the 'Software Distribution' sub-tab is selected. The main area shows a configuration form for a software upgrade. The 'Image' dropdown is set to 'Junos OS', and the 'Type' dropdown is set to 'Upgrade'. A 'Select Devices' button is visible. The 'Destination Path' is set to '/var/tmp/'. A red 'Run' button is present. Below the form is a blue progress bar and a log window showing the following output:

```
2019-01-10 17:46 All Devices: started job 01D0VF20XKQWHE9VB8P8DQB8V0S
2019-01-10 17:46 All Devices: on completion an email will be sent to admin@juniper.net
2019-01-10 17:46 300-juniper_demo: disk space: ok
2019-01-10 17:49 300-juniper_demo: image copy: ok
2019-01-10 17:49 300-juniper_demo: image file size: ok
2019-01-10 17:50 300-juniper_demo: image file checksum: ok
2019-01-10 17:50 300-juniper_demo: staged image file exists: ok
2019-01-10 17:50 300-juniper_demo: collected software release: ok
```

# Junos OS Upgrade

## Junos OS の Upgrade

### 3. 完了するとレポートが出力



The screenshot displays a 'Software Distribution Report' window. The title bar is blue with a close button. The main content area is white and contains the following sections:

- Summary:** Shows '1 device success updates' and '0 device errors'.
- Device List:** A green bar indicates '1 Device' with a dropdown arrow. Below it, a table lists the device '300-juniper\_demo'.
- Log:** A dropdown arrow is present. The log text shows the following sequence of events:

```
2019-01-10 17:46 All Devices: started job 01D0VF20XK\WHE9VB8P8DOB8V0S
2019-01-10 17:46 All Devices: on completion an email will be sent to [redacted]
2019-01-10 17:46 300-juniper_demo: disk space: ok
2019-01-10 17:49 300-juniper_demo: image copy: ok
2019-01-10 17:49 300-juniper_demo: image file size: ok
2019-01-10 17:50 300-juniper_demo: image file checksum: ok
2019-01-10 17:50 300-juniper_demo: staged image file exists: ok
2019-01-10 17:50 300-juniper_demo: collected software release: ok
2019-01-10 17:55 300-juniper_demo: upgraded target: ok
2019-01-10 17:56 300-juniper_demo: reboot started: ok
2019-01-10 18:03 300-juniper_demo: return after reboot: ok
2019-01-10 18:03 300-juniper_demo: completed upgrade
2019-01-10 18:03: completed job
```

At the bottom right of the window, there are two buttons: 'Download PDF' and 'Close'.