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Brocade SDN Controller

Compatibility Matrix with Apps and Extensions

Supporting Brocade SDN Controller v2.0.1

BROCADE 

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About the controller

Brocade SDN Controller is a software-defined networking (SDN) controller that is based on the OpenDaylight project.

The controller consists of packages that form a platform on which you can install or build apps. Packages that provide a common functionality and are essential for running the controller are part of the base controller. Packages that are optional are extensions that can be installed to enable additional functionality. The controller is built on a modular design that allows apps and extensions to be updated while maintaining a stable platform, which helps to improve the delivery time of apps and extensions and reduce risk to users.

Unless mentioned otherwise in this guide, the controller refers to Brocade SDN Controller.

About the base controller

The base controller is a platform on which various apps and extensions can be installed or built to provide additional functionality. Apps and extensions sometimes depend on a specific version of the controller.

The following list presents the current components of the base controller:

- `bvc-version.zip`—Contains the base controller packages
- `bvc-dependencies-version.zip`—Contains the dependencies packages for the base controller
- `bvc-core-ux-version.zip`—Contains the user interface packages for the base controller

About the extensions

The Brocade SDN extensions add functionality to the controller and change the way you can configure the controller or other extensions. The extensions are optional but may be required for other extensions or apps to work as expected.

The following list presents the currently available extensions:

- `bvc-ext-openflow-packaging-version.zip`—Contains the OpenFlow packages
- `bvc-ext-bgp-pcep-packaging-version.zip`—Contains the Border Gateway Protocol (BGP) and Path Computation Element Protocol (PCEP) packages
- `bvc-ext-hosttracker-noflood-packaging-version.zip`—Contains the Host Tracker No Flood Mode packages.
- `bvc-ext-ovsdb-packaging-version.zip`—Contains the Open vSwitch Database Management protocol (OVSDB) packages
- `bvc-ext-l2switch-packaging-version.zip`—Contains the Layer 2 (L2) switch packages
- `bvc-ext-utilities-packaging-version.zip`—Contains the controller utilities packages

When you run the controller `./installbsc` installation script command with the `-y` argument, all the extensions are installed by default. If you do not use the `-y` argument, you are prompted to install each extension.

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About the apps

The controller provides additional apps as add-on packages. You can access the apps by using the controller user interface.

Brocade Topology Manager is installed by default when you install the controller user interface. Most apps are not installed as part of the controller installation script. Some apps may require additional licensing rights. The following list provides some of the available apps:

- Brocade Topology Manager
- Brocade Flow Manager

For more information about the apps, refer to the specific app User Guide.

History of app compatibility

The following sections list the history of app compatibility with the controller.

Compatibility with Brocade Flow Manager app versions

The following table lists compatibility between Brocade SDN Controller and Brocade Flow Manager app versions.

Brocade Flow Manager app version	Brocade SDN Controller version
2.0.1	
1.0.0	Supported

Compatibility with Brocade Topology Manager app versions

The following table lists compatibility between Brocade SDN Controller and Brocade Topology Manager app versions.

Brocade Topology Manager app version	Brocade SDN Controller version
2.0.1	
1.0.0	Supported

Compatibility with Brocade Flow Optimizer app versions

For information about compatibility between Brocade SDN Controller and Brocade Flow Optimizer app versions, refer to the release notes for the Brocade Flow Optimizer.

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