



Release Notes for Cisco Virtual Topology System (VTS) 2.0

First Published: September 24, 2015

Introduction

These release notes provide an overview of Cisco Virtual Topology System (VTS) 2.0 and describes how to access bugs for this release.

Cisco VTS Features

Cisco VTS 2.0 supports the following new features:

- Flexible, multitenant overlays
 - Multitenancy at scale with Multiprotocol BGP (MP-BGP) EVPN control plane
 - Physical, virtual, and hybrid overlay support
 - Virtual machine mobility
 - System policy models to define administrative domains (multiple data center pods)
- Security
 - Policy-based filtering (source, destination, and Layer 4 ports)
 - Stateless access control list (ACL) provisioning on hardware VTEPs
 - Secure multitenancy at scale
 - Security policies automated to move as workloads are moved in the data center
- Topology discovery
 - Automatic network and server host topology discovery through Link Layer Discovery Protocol (LLDP)
- Monitoring
 - Overlay health monitoring, including traffic statistics per VLAN and per VTEP
- Southbound interfaces
 - NX-API

- BGP EVPN
- NETCONF
- Command-line interface (CLI)

- Virtual forwarder
 - Combines Intel DPDK technology with Cisco VPP technology to deliver a high-performance software forwarder to support virtual overlays
 - Full-featured, high-performance software data plane with multi-hypervisor support
 - Multithreaded data plane

- Control plane federation
 - MP-BGP based control-plane federation for greater scalability and deployment flexibility

- Virtualization integration
 - Plug-ins for OpenStack Icehouse, and Juno
 - Plug-ins for VMware vCenter 5.5

- High availability
 - Support for active-standby high availability

- Routing flexibility
 - Distributed anycast gateway provisioning on hardware and software VTEPs

- DCI
 - VXLAN EVPN hand-off for DCI router provisioning

- Network Address Translation (NAT) support
 - NAT provisioning for OpenStack floating IP address

See also the [Cisco Virtual Topology System Data Sheet](#) available on Cisco.com for more information on the product features.

Known and Resolved Problems

You can get details related to the known issues in Cisco VTS 2.0, using the Cisco Bug Search tool. See [Using the Cisco Bug Search Tool](#) for information about how to search for bugs.

Using the Cisco Bug Search Tool

Use the Bug Search tool to search for a specific bug or to search for all bugs in a release.

Step 1 Go to [Bug Search Tools & Resources](#) on Cisco.com.

Step 2 At the Log In screen, enter your registered Cisco.com username and password; then, click **Log In**. The Bug Search page opens.

Note If you do not have a Cisco.com username and password, you can register for them at <https://tools.cisco.com/IDREG/guestRegistration.do>.

Step 3 To search for a specific bug, enter the bug ID in the Search For field and press **Return**.

Step 4 To search for bugs in the current release:

Click the Search Bugs tab and specify the following criteria:

- a) In the Search For field, enter product name and press Return. (Leave the other fields empty.)
- b) When the search results are displayed, use the filter tools to find the types of bugs you are looking for. You can search for bugs by status, severity, modified date, and so forth.
To export the results to a spreadsheet, click the **Export All to Spreadsheet** link.

For more details on the tool overview and functionalities, check out the help page, located at <http://www.cisco.com/web/applicat/cbsshelp/help.html>.

Related Documentation

The Cisco VTS documentation set consists of:

- *Cisco Virtual Topology System 2.0 Installation Guide*
- *Cisco Virtual Topology System 2.0 User Guide*
- *Cisco Virtual Topology System 2.0 Developer Guide*
- *Cisco Virtual Topology System 2.0 Release Notes*
-

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly What's New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at <http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html>.

Subscribe to the *What's New in Cisco Product Documentation* as an RSS feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service. Cisco currently supports RSS Version 2.0.

© 2015 Cisco Systems, Inc. All rights reserved.