



---

# VMware: NSX-T PowerPack Release Notes

Version 101

---

## Overview

Version 101 of the VMware: NSX-T PowerPack updates the PowerPack to Python3, adds multiple Dynamic Applications, updates multiple existing Dynamic Applications, and more.

- **Minimum Required SL1 Version:** 11.3.0

<a href="#">Before You Install or Upgrade</a> .....	2
<a href="#">Installation Process</a> .....	2
<a href="#">Upgrade Process</a> .....	2
<a href="#">Features</a> .....	3
<a href="#">Enhancements and Issues Addressed</a> .....	3
<a href="#">Known Issues</a> .....	5

---

## Before You Install or Upgrade

Ensure that you are running version 11.3.0 or later of SL1 before installing VMware: NSX-T version 101.

**NOTE:** For details on upgrading SL1, see the appropriate [Release Notes](#).

---

## Installation Process

To install this PowerPack:

1. Familiarize yourself with the [Known Issues](#) for this release.
2. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 11.3.0 or later release.
3. Download the "VMware: NSX-T" version 101 PowerPack from the Support Site to a local computer.
4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import "VMware: NSX-T" version 101.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

---

## Upgrade Process

To upgrade the PowerPack, perform the following steps:

1. Familiarize yourself with the [Known Issues](#) for this release.
2. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 11.3.0 or later release.
3. Go to the Support Site and download version 101 of the PowerPack to a local computer.
4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. Import the PowerPack version 101. For details on importing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.
6. Manually align the "VMware: NSX-T IC Interface Inventory" and "VMware: NSX-T IC Interface Performance" Dynamic Applications to the root device.

**NOTE:** For instructions on manually aligning a Dynamic Applications, see the section on "Manually Aligning a Dynamic Application to a Device" in the **Device Management** manual.

---

## Features

Version 101 of the *VMware: NSX-T* PowerPack includes the following features:

- A sample credential that you can use as a template to connect to the VMware NSX-T devices you want to monitor
- Dynamic Applications to discover and monitor VMware NSX-T devices
- Device Classes for each type of VMware NSX-T component device SL1 monitors
- Event Policies that are triggered when VMware NSX-T component devices meet certain status criteria
- A Device Template that enables you to easily align multiple Dynamic Applications to VMware NSX-T devices

---

## Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 101 of the *VMware: NSX-T* PowerPack:

- Updated the PowerPack to Python 3.
- Added the "VMware NSX-T: Example Credential" to the PowerPack.
- Updated the "VMware NSX-T Transport Node Configuration" Dynamic Application poll rate to 30 minutes.
- Addressed an issue with the "VMware NSX-T Transport Node Config" Dynamic Application that prevented Node Deployment Info or Tags data from collecting properly.

**NOTE:** This Dynamic Application is aligned to either edge node or transport node devices. There is no data for Node Deployment Info (Deployment Type, VC ID) or Tags (Scope, Value) for transport node devices. As a result, this data will not be available for transport node devices.

- Updated the "VMware NSX-T: Tier 0 Gateway Configuration" and "VMware NSX-T Tier 1 Gateway Configuration" Dynamic Applications to use the Device Name rather than the Display Name when identifying component devices.

**NOTE:** To reflect this update, you must uncheck the "Preserve Hostname" option for all tier 0 and tier 1 gateway devices. This option is found on the Device Properties page (Registry > Devices > wrench icon).

- Added the "VMware NSX-T Virtual Server Performance" Dynamic Application to the PowerPack.
- Added two internal collection Dynamic Applications: "VMware NSX-T IC Interface Inventory" and "VMware NSX-T IC Interface Performance", which are automatically aligned to the root device upon discovery.

**NOTE:** SSL certificate verification is enabled by default for these two IC Dynamic Applications. If verification is not possible (or wanted) you will need to manually disable that functionality by setting the appropriate flag to "False" in the snippet of each Dynamic Application."

- Updated alerts for the "VMware NSX-T BGP Neighbors Config" Dynamic Application to use the "ESTABLISHED" connection state.
- Added the "VMware NSX-T Transport Node BFD Tunnel Config" Dynamic Application, which monitors the BFD (Bidirectional Forwarding Detection) tunnels between virtual machines.

**NOTE:** A VMware NSX-T BFD (Bidirectional Forwarding Detection) tunnel, often referred to as a BFD session, is a component within the NSX-T (NSX for multi-hypervisor and container environments) networking and security platform. BFD is a standardized network protocol used for rapid detection of failures in the communication path between two devices, typically network routers or gateways.

- Updated the following Dynamic Applications to work with the latest version of the Snippet Framework:
  - VMware NSX-T Appliance Interface Config
  - VMware NSX-T Appliance Interface Performance
  - VMware NSX-T Edge Node Non-Clustered Discovery
  - VMware NSX-T Load Balancer Performance
  - VMware NSX-T Tier 0 Gateway Discovery
  - VMware NSX-T Tier 0 Gateway Interface Performance

- VMware NSX-T Transport Node Interface Performance
- VMware NSX-T Virtual Server Performance
- Added a troubleshooting script to the "silo\_nsxt" library.
- Updated the "VMware NSX-T Transport Node Interface Performance" Dynamic Application to no longer align to Edge devices. This Dynamic Application only aligns to Transport Node devices.
- Added the new "VMware NSX-T Edge Node Interface Performance" Dynamic Application to the PowerPack, which only aligns to Edge devices.

**IMPORTANT:** Before upgrading from version 100 to 101 of this PowerPack, you must remove the "VMware NSX-T Transport Node Interface Performance" Dynamic Application. In v100 of the PowerPack this Dynamic Application aligned to both Edge and Transport Node devices.

---

## Known Issues

The following known issues affect version 101 of the VMware: NSX-T PowerPack:

© 2003 - 2023, ScienceLogic, Inc.

All rights reserved.

#### LIMITATION OF LIABILITY AND GENERAL DISCLAIMER

ALL INFORMATION AVAILABLE IN THIS GUIDE IS PROVIDED "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED. SCIENCELOGIC™ AND ITS SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

Although ScienceLogic™ has attempted to provide accurate information on this Site, information on this Site may contain inadvertent technical inaccuracies or typographical errors, and ScienceLogic™ assumes no responsibility for the accuracy of the information. Information may be changed or updated without notice. ScienceLogic™ may also make improvements and / or changes in the products or services described in this Site at any time without notice.

#### Copyrights and Trademarks

ScienceLogic, the ScienceLogic logo, and EM7 are trademarks of ScienceLogic, Inc. in the United States, other countries, or both.

Below is a list of trademarks and service marks that should be credited to ScienceLogic, Inc. The ® and ™ symbols reflect the trademark registration status in the U.S. Patent and Trademark Office and may not be appropriate for materials to be distributed outside the United States.

- ScienceLogic™
- EM7™ and em7™
- Simplify IT™
- Dynamic Application™
- Relational Infrastructure Management™

The absence of a product or service name, slogan or logo from this list does not constitute a waiver of ScienceLogic's trademark or other intellectual property rights concerning that name, slogan, or logo.

Please note that laws concerning use of trademarks or product names vary by country. Always consult a local attorney for additional guidance.

#### Other

If any provision of this agreement shall be unlawful, void, or for any reason unenforceable, then that provision shall be deemed severable from this agreement and shall not affect the validity and enforceability of any remaining provisions. This is the entire agreement between the parties relating to the matters contained herein.

In the U.S. and other jurisdictions, trademark owners have a duty to police the use of their marks. Therefore, if you become aware of any improper use of ScienceLogic Trademarks, including infringement or counterfeiting by third parties, report them to Science Logic's legal department immediately. Report as much detail as possible about the misuse, including the name of the party, contact information, and copies or photographs of the potential misuse to: [legal@sciencelogic.com](mailto:legal@sciencelogic.com). For more information, see <https://sciencelogic.com/company/legal>.

ScienceLogic

800-SCI-LOGIC (1-800-724-5644)

International: +1-703-354-1010