



Hewlett Packard
Enterprise

HPE Network Node Manager i Software Ultimate Edition

Software Version: 10.30
for the Windows® and Linux® operating systems

Release Notes

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Documentation Updates

The title page of this document contains the following identifying information:

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Release Notes

This section is an overview of the changes made to NNMi Ultimate Edition in version 10.30. The version 10.30 release includes new features, defect fixes, and enhancements for NNMi and iSPIs. You can find the NNMi Ultimate media kits on the [HPE Software Download](#) web site.

You can find the following information in this section:

- ["What's New in This Release" below](#)
- ["Enhancements" on the next page](#)
- ["Fixed Defects " on the next page](#)
- ["Known Issues" on page 7](#)

What's New in This Release

NNMi Ultimate includes the supplementary add-in components (also known as iSPIs) along with the core NNMi software. This section lists all the new features added to NNMi as well as iSPIs.

Feature	Description
Discovery	This version of NNMi introduces the ability to discover and monitor BGP nodes.
User Interface	<p>A new check box enables you to discover BGP nodes. For more information, see <i>NNMi Help for Administrators</i>.</p> <p>The Performance tab from the NNMi Analysis pane is removed.</p> <p>You can view the results of complete performance analysis in the Performance Troubleshooting console (requires the NNM iSPI Performance for Metrics).</p> <p>To launch the Performance Troubleshooting console:</p> <ol style="list-style-type: none"> 1. Log on to the NNMi console as an administrator or operator. 2. Right-click an incident or an object for which performance polling is enabled. 3. Click HPE NNM iSPI Performance > Performance Troubleshooting. Alternatively, click Actions > HPE NNM iSPI Performance > Performance Troubleshooting.
<i>NNM iSPI Performance for Metrics</i> . New metrics for Component Health reports	<p>The Component Health reports now provide options to choose the following additional metrics:</p> <ul style="list-style-type: none"> • BGP Peer In Updates • BGP Peer Out Updates • BGP Total In Messages • BGP Total Out Messages • BGP Established Transitions

Feature	Description
<i>NNM iSPI for MPLS.</i> BGP-based Virtual Private LAN Service (VPLS)	The NNM iSPI for MPLS can now monitor a BGP-based Virtual Private LAN Service (VPLS).
Switch to OpenJDK	The NNMi installer now ships with OpenJDK. While installing or upgrading NNM iSPI Performance for Metrics, you can choose to use the OpenJDK bundle that is embedded with the NNMi installer or any other JDK that is already installed on the NNMi management server. For more information, see the <i>Java Development Kit</i> section in <i>Support Matrix</i> Java Development Kit .

Unsupported in this release

This release of NNMi is not translated to the following languages:

- Simplified Chinese
- Russian
- Korean

Enhancements

This release of NNMi Ultimate includes the following enhancements:

ID	Component	Summary	Added in version
QCCR1B141855	NNM iSPI for MPLS; discovery	Need support for Border Gateway Protocol-based VPLS/Pseudowires	10.30
QCCR1B145688	NNM iSPI for IP Multicast; discovery	Need device support for Alcatel Service Router 7750 SR (1.3.6.1.4.1.6527.1.3.4)	10.30

Fixed Defects

The following table includes all defects that are fixed in this release of NNMi:

ID	Component	Summary	Fixed in versions
QCCR1B151669	Discovery	For certain network devices, the configuration	10.30

ID	Component	Summary	Fixed in versions
		of includedInterfaceRange is ignored during discovery	
QCCR1B151700	User Interface	Topology Map child node groups do not inherit the parent node group configuration	10.30
QCCR1B152656	Discovery	Nodes are stuck in the discovery process for more than 86,400 seconds	10.30
QCCR1B152828	User Interface	Topology map load issue	10.30

Known Issues

The following known issues apply to this release of NNMi and iSPIs:

Product	ID	Issue	Workaround
NNMi	QCCR1B154108	404 error appears when opening iSPI release note from Help menu of the NNMi console in Japanese	None
NNMi	QCCR1B154111	Connection from vSwitch to vmNIC is not discovered on the ESXi Node	None
NNMi	QCCR1B154036	Database IDs are shown as PW VC IDs for BGP-based VPLS PWs in the NNMi console	None
NNMi	QCCR1B145938	Certain Topology Maps show error messages when the 'Save Map' button is clicked	None
NNMi	QCCR1B151545	The "Limiting connection" message appears on top of the VLAN name drop-down menu	None
NNMi	QCCR1B152400	All the graphs are overlapped with the graph icons next to the graphs at the default zoom value	None
NNMi	QCCR1B153758	Truncation issue in the installation wizard on a Japanese system	None
NNMi	QCCR1B153838	nncertmerge.ovpl with the -directory option does not merge the keystore files	None

Product	ID	Issue	Workaround
NNMi	QCCR1B153960	NNMi post-installation configuration sometimes shows an error message when upgraded from NNMi 10.10	None
NNMi	QCCR1B154018	NullPointerException while accessing the Interface details	None
NNMi	QCCR1B154019	The IllegalArgumentException error appears while accessing interface details	None
NNMi	QCCR1B154020	Negative ifIndex values are shown for certain interfaces	None
NNMi	QCCR1B151546	The VLAN drop-down menu is not user friendly	None
NNMi	QCCR1B136902	If you disable an ESXi VMNIC (using ESXi tools), and then ultimately unplug the cable on the VMNIC, the NNMi console continues to show the VMNIC s <i>disabled</i> (and not <i>unknown</i>).	Restart the ESXi host.
NNMi	QCCR1B139317	<p>VM node reconciliation problem between tenants—This problem appears only if all of the following conditions are true:</p> <ul style="list-style-type: none"> • NNMi discovers a Virtual Machine (VM) through two different discovery methods. Once the VM is discovered using a Web Agent, and then the same VM is discovered again using an SNMP Agent. • The two instances of the VM are assigned to two different tenants during the discovery process, which is possible when: <ul style="list-style-type: none"> • One VM instance is auto-discovered when its ESXi server is seeded and the ESXi server is configured for one tenant. • The other VM instance is initially discovered when its IP address is seeded and this seed 	When discovering VMs, assign the ESXi server and its VMs to the same tenant first, and then move VM instances to tenants of your choice. This enables NNMi to merge the VM data collected from multiple agents before the VM is assigned to a different tenant.

Product	ID	Issue	Workaround
		<p>object is configured to be assigned a different tenant.</p> <p>As a result, two instances of the same VM appear in the NNMi inventory.</p> <p>When you assign the Web Agent-discovered VM instance to the tenant where the SNMP Agent-discovered VM instance belongs (or vice versa), the VM instance that is assigned to the new tenant replaces the VM instance that already resided in that tenant.</p>	
NNMi	QCCR1B139468	VM name and host name during initial discovery—When the initial discovery continues, it is possible that the VM name and the host name of a VM are set to the Partition ID of the VM. Once the discovery of the VM completes, the correct VM name and host name are set.	Wait for initial discovery to complete.
NNMi	QCCR1B148891	If you install NNMi10.30 manually after installing NNMi10.20, the Small IPv6 Subnet connection rule (introduced in 10.30) does not appear in the Subnet Connection Rules tab in the Discovery Configuration form.	<p>If the Small IPv6 Subnet connection rule does not appear in the Subnet Connection Rules tab, follow these steps:</p> <ol style="list-style-type: none"> 1. Log on to the NNMi console as administrator. 2. Launch the Discovery Configuration form. 3. In the Subnet Connection Rules tab, click New. 4. Type Small IPv6 Subnet in the Name box. 5. Make sure that the Enable option is selected. 6. In the Minimum Prefix Length box, type 127. 7. Click Save & Close.
NNM iSPI Performance for Metrics	QCCR1B138786	Custom Poller metrics and topology attributes are not included in the Cross-Domain Extension Pack built	None

Product	ID	Issue	Workaround
		in a distributed deployment of NPS.	
NNM iSPI Performance for Metrics	QCCR1B138393	Online Help cannot be launched from Report Views that are saved under My Folders in the NPS console.	Launch the Online Help from the NPS home page.
NNM iSPI Performance for Metrics	QCCR1B138794	The Forward and Backward buttons in the online help banner do not work. This issue is seen only in the <i>Metrics and Topology Attributes</i> topic for each Extension Pack.	Use browser's back button or the table of contents of online help to navigate to a topic of your choice.
NNM iSPI Performance for Metrics	QCCR1B138789	The Print button in the online help banner does not work. This issue is seen only in the <i>Metrics and Topology Attributes</i> topic for each Extension Pack.	Copy the content of the topic into a file by using a word processing software application, and then use the print command of the word processing software.
NNM iSPI Performance for QA	QCCR1B127638	The Global Node Response map appears to be blank when it is zoomed in and refreshed.	<ol style="list-style-type: none"> 1. Zoom out the map twice. 2. Refresh the map. 3. Zoom the map in again, and then refresh the map.

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