

HPE Intelligent Management Center Enterprise Software Platform



What's new

- Cisco Nexus support.
- VXLAN support.
- API enhancements.

Overview

HPE Intelligent Management Center [Enterprise Software](#) Platform is a comprehensive wired and wireless [network management](#) tool supporting the FCAPS model, provides for end-to-end business management of IT, scalability of system architecture, and accommodation of new technology and infrastructure.

Intelligent Management Center (IMC) Enterprise Software Platform supports the management of Hewlett Packard Enterprise and third-party devices. The included base license supports 50 devices, five nodes of IMC NTA, the eAPI library and WSM with 50 AP nodes. Additional licenses are available for purchase.

Features

Comprehensive Network Management For Global Enterprise Networks

The HPE Intelligent Management Center Enterprise Software Platform is targeting medium to large enterprises and scales from hundreds to thousands of devices. Integrates fault management, element configuration, and network monitoring from a central vantage point.

Contains license support for 50 managed devices, 50 APs for the included Wireless Services Module (WSM) module and 5 nodes of Network Traffic Analyzer Software (NTA) with available additional licenses for purchase.

Manage large, heterogeneous networks and scale for high-availability through a flexible, distributed deployment model to multiple servers.

Gather data about network, resource, and administrator performance with flexible, centralized reporting deliverable on an individual or periodic basis.

Delivers an extensive RESTful eAPI library that can be integrated with third-party software for additional functionality.

Comprehensive Resource Management for Easy Device Management

The HPE Intelligent Management Center Enterprise Software Platform offers management capabilities for a wide range of devices from routers and switches to desktops and servers.

View and monitor devices in a variety of visual methodologies, by device, IP, network topology, or through a custom view. Utilize the Security Control Center to enforce device settings consistently and sound alarms when they become non-compliant.

Ascertain the health of a particular device through the device details page containing the summary, connectivity testing, real-time data, and the option to Telnet/SSH into the device to fix any issues.

Leverage the Configuration Center to verify that devices are up to date, backed up, or modified in any particular way. The Configuration Center can also be used to track device changes.

Detailed Performance Monitoring with Real-time Notifications

The HPE Intelligent Management Center Enterprise Software Platform provides the ability to monitor device performance for report generation, performance information, and alarm notification.

Individually or collectively monitor devices for threshold settings, which when exceeded, will sound an alarm.

Be alerted with integrated alarm notifications and easily fix issues from the console or opting to utilize Telnet/SSH proxy.

Includes five nodes of IMC Network Traffic Analyzer Software to analyze network traffic and how it is being consumed by different applications and users.

Includes 50 nodes of IMC Wireless Services Manager Software to analyze wireless traffic and provide insight into the wireless environment of the network.

Virtualization Management for VLANs, Virtual and Physical Networks

The HPE Intelligent Management Center Enterprise Software Platform is one of the first management tools to integrate and monitor both virtual and physical networks.

Supports a variety of hypervisors including VMware vSphere, Microsoft Hyper-V, Citrix Xen and KVM.

Manage VLANs on a global or on a per device basis and create standardized VLANs one-by-one or in a batch operation.

View the status of all the VLANs through a network topology view, with the ability to monitor and manage devices from the same view.

Included WSM module in the Enterprise platform provides integrated wireless management.

Technical specifications	HPE Intelligent Management Center Enterprise Software Platform
Software (required)	Database: Microsoft SQL Server 2008 Service Pack 3 (Windows only) Microsoft SQL Server 2008 R2 Service Pack 2 (Windows only) Microsoft SQL Server 2012 Service Pack 2 (Windows only) Microsoft SQL Server 2014 (Windows only) Oracle 11g Release 1 (Linux only) Oracle 11g Release 2 (Linux only) MySQL Enterprise Server 5.5 (Linux and Windows) (Up to 1000 devices are supported) MySQL Enterprise Server 5.6 (Linux and Windows) (Up to 1000 devices are supported)
Software (recommended)	Client: Windows XP SP3 or later
Browser supported	IE 10 or 11 Firefox 30 or later Chrome 35 or later
Technical notes	Operating systems marked X64 are recommended. Client: JRE 1.6.0_update 27 or later is recommended. For fewer than 500 nodes, 1 CPU is sufficient From 500 to 2,000 nodes, there should be 2 CPUs or 1 dual-core CPU For more than 2,000 nodes, there should be 4 CPUs or 2 dual-core CPUs. For more than 5,000 nodes, a hierarchy architecture is needed.
Minimum system requirements	Server: Intel® Pentium® 4 3.0 GHz, 4 GB RAM memory, 50 GB storage, 10/100 Mbps NIC Client: Intel® Pentium® 4 2.0 GHz, 2 GB RAM memory, 50 GB storage, 10/100 Mbps NIC
System requirements, recommended	Server: 3.0 GHz Intel® Xeon® or Intel® Core™ 2 Duo processor or equivalent 4 GB RAM 100 GB 10/100 Mbps

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.
- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

GreenLake

[GreenLake](#) is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

- Streamline IT Operations across compute, storage, and networking without the chaos
- Unify and secure data, as you move faster
- Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

[For additional technical information, available models and options, please reference the QuickSpecs](#)

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product.

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