
Overview

HP Intelligent Management Center Standard Software Platform

Models

HP IMC Standard Software Platform with 50-node E-LTU

JG747AAE

Key features

- Highly flexible and scalable deployment
 - Powerful administration control
 - Rich resource management
 - Detailed performance monitoring and management
 - Flexible centralized reporting
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Product overview

HP Intelligent Management Center (IMC) Standard Software Platform is a standalone comprehensive management solution that delivers integrated modular management capabilities across fault, configuration, accounting, performance, and security needs.

IMC Standard software is designed on a service-oriented architecture (SOA) using a business application flow model as its core to allow the management of resources, services, and users to be fully integrated. This software enables an enterprise business to grow its management in scale and seamlessly accommodate new technologies. With its SOA, IMC software is capable of incorporating additional modules to its base platform to provide deeper functionality.

IMC software supports the management of HP and third-party devices, and is compatible with Microsoft® Windows® and Linux operating systems. IMC Standard software comes with an initial license for 50 managed devices. Additional node licenses are available to extend the node limit.

Features and Benefits

Management

- **HP Intelligent Management Center (IMC) Standard Software**
cohesively integrates fault management, element configuration, and network monitoring from a central vantage point; built-in support for third-party devices enables network administrators to centrally manage all network elements with a variety of automated tasks, including discovery, categorization, baseline configurations, and software images; IMC software provides configuration comparison tools, version tracking, change alerts, and more
- **Modular architecture**
new modules can be added to enrich network management capabilities; modules for user access management, VPN management, and traffic analysis can be quickly added to provide instant benefits; the architecture allows modules to share information and provide collaborative policy creation and reports
- **Live update enhancements**
IMC Standard software now provides notification and download availability of the latest IMC patches as well as new firmware version releases for HP devices
- **Virtualization management**
- HP IMC software is one of the first management tools to integrate management and monitoring of both virtual and physical networks
 - capability to integrate, discover, map, manage and monitor virtualized environments, helping to identify VM sprawl
 - provides insight and management of virtual networks and reduces migration complexity by aligning and automating network policies with virtual images
 - supports VMware, Hyper-V, and KVM; IMC Virtual Network Management software also supports automatic tracking of the network access port of virtual machines
- **Highly flexible and scalable deployment models**
IMC Standard software delivers an extensive set of capabilities for managing large heterogeneous networks, and

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provides scalability and high availability through a flexible distributed deployment model; with its modular design, IMC software can be deployed across multiple servers to provide increased scalability and resilience

- **NEW Rich resource management**
IMC software provides powerful network discovery and topology, including a detailed inventory of the network and highly accurate depictions of how it is configured; supported views include Layer 2 and 3, as well as VLAN topology and the ability to create custom views like a dashboard homepage; customization enables administrators to organize and control the network infrastructure; IMC now supports multidevice context and Intelligent Resilient Framework; supports End-of-Life Notifications via device discovery, asset discovery and cataloging of assets, and device level notification
- **Flexible, centralized reporting**
centralized report management simplifies an organization's report administration; the software's flexible historical reports provide the information necessary for network trend analysis and capacity planning, and offer predefined reports or customization options to define parameters; reports can be viewed in a number of formats, including .pdf and .xls, and can be sent automatically via email, or can be scheduled to run at a set timeframe
- **Access control list management**
IMC software simplifies the definition, deployment, and control of ACLs with effective policy-based control of network security and quality of service (QoS) across an organization's network infrastructure; ACL rule optimization helps ensure efficient use of ACL resources on devices
- **Identification and access management**
with the addition of the optional IMC User Access Manager (UAM) module, the system implements unified and centralized access management, supporting access through authentications, including LAN, WAN, WLAN, and VPN; it supports strong authentication using smart card, certificate, and others, and supports various methods for endpoint access control and identity-based network services that efficiently integrate the management of user resources and services
- **Compliance Center feature**
associates compliance policies with devices that need to be checked; the compliance check function can promptly fix configuration and security problems in the network; if incorrect configurations are found, the data for the specific device and the configuration error are included in the Compliance Center report; IMC now includes predefined policies for the Compliance Center as well as alarm generation when devices fail compliance checks
- **Virtual Connect support**
IMC software supports add/remove connections for Virtual Connect Manager and displays the connect information from the device detail page
- **IMC mobile application**
IMC software provides a new mobile application for the iPhone and Android operating systems; this provides administrators with the flexibility to monitor the network while they are away from their offices
- **Telnet/SSH proxy**
with the Telnet/SSH proxy, an administrator can use a browser to remotely access and manage devices through Telnet/SSH without installing a Telnet/SSH tool on the PC client used to access the device; this promotes secure and controlled access to devices while providing auditing of changes on any device; supports SSH v1/v2
- **Unified Task Management and Wizard Center**
the IMC Wizard Center feature services many of the configuration wizards found within IMC software, such as quick start and the third-party device configuration wizard; new to this release is Unified Task Management, a section that hosts all tasks within IMC software
- **NEW Traffic topology**
based on the network's physical topology, it enables users to view the traffic conditions of various links; utilizes IMC geolocation data to automatically derive and place topographic maps
- **Customized functions and third-party device support**
IMC Standard software extends device management and configuration functions; users can either extend an existing function to support third-party devices by compiling interactive scripts and XML files, or customize a function by compiling interactive scripts, XML files, and UI configuration files
- **Performance views**
IMC software provides new ways to view performance data: TopN, trend analysis, summary data, and at a glance; the GUI is flexible and allows for instant viewing, switching between multiple views, and quick access to the various performance summary views; real-Time (24x7), historical and on-demand performance monitoring capabilities
- **Security Control Center**
the Security Control Center (SCC) can be used to define policies and enforce device settings consistently on selected

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devices; you can also use policies to manage VLANs and VLAN port settings or automatically apply a configuration template on newly discovered devices; you can configure policies to send alarms when device configurations become noncompliant

- **Network data collection**
generates, packages, and sends archived information about your network, device, or IMC software to the appropriate HP support or sales organizations in one simple step; this feature gathers the data you selected and generates reports and data files containing the relevant information; it delivers the reports to your selected destination by email, FTP, SFTP, or to a file location
- **Service Monitor**
monitors the availability and responsiveness of common network services via probes that you configure; the probes reside on local and remote IMC software agents and test services from servers and devices that you select when configuring the probes; monitor these protocols: DNS, FTP, HTTP, TCP, UDP, VoIP (using NTA module), SMTP, DHCP, ICMP, Radius, TACACS+

Warranty and support

- **Electronic and telephone support**
limited electronic and business-hours telephone support is available from HP for the entire warranty period; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary
- **Software releases**
to find software for your product, refer to www.hp.com/networking/support; for details on the software releases available with your product purchase, refer to www.hp.com/networking/warrantysummary

Technical Specifications

HP IMC Standard Software Platform with 50-node E-LTU (JG747AAE)

Minimum system hardware	<p>Running environment requirement: client/server architecture; server requirement</p> <p>Intel® Pentium® 4 3.0 GHz processor 4 GB RAM memory 50 GB storage 10/100 Mbps NIC 48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card</p>
Recommended system hardware	<p>3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent processor 4 GB RAM memory 100 GB storage 10/100 Mbps NIC 48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card</p>
Recommended software	<p>Windows® Server 2003 with Service Pack 2 Windows® Server 2003 X64 with Service Pack 2 and KB942288 Windows® Server 2003 R2 with Service Pack 2 Windows® Server 2003 R2 X64 with Service Pack 2 with KB942288 Windows® Server 2008 with Service Pack 2 Windows® Server 2008 X64 with Service Pack 2 Windows® Server 2008 R2 with Service Pack 1 Red Hat Enterprise Linux 5 Red Hat Enterprise Linux 5 X64 Red Hat Enterprise Linux 5.5 Red Hat Enterprise Linux 5.5 X64 Red Hat Enterprise Linux 6.1 X64</p>
Minimum system hardware	<p>Client requirement</p> <p>Intel® Pentium® 4 2.0 GHz processor 2 GB RAM memory 50 GB storage 10/100 Mbps NIC 48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card</p>
Recommended system hardware	<p>2.0 GHz Intel® Pentium® III or equivalent processor 2 GB RAM memory 50 GB storage 10/100 Mbps NIC 48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card</p>
Recommended software	<p>Microsoft® Windows® XP</p>
Browsers	<p>Firefox 3.6 or later is recommended</p>
Additional requirements	<p>Database: Microsoft SQL Server 2005 Service Pack 3 (Windows only), Microsoft SQL Server 2008 Service Pack 3 (Windows only), Microsoft SQL Server 2008 Service Pack 3 (64-bit—Windows 64-bit only), Microsoft SQL Server 2008 R2 Service Pack 1 (Windows only), Microsoft SQL Server 2008 R2 Service Pack 1 (64-bit—Windows only), Oracle 11g Release 1 (Linux only), Oracle 11g Release 2 (Linux only), Oracle 11g Release 2 (64-bit—Linux only), MySQL Enterprise Server 5.1 (Linux and Windows—up to 1,000 devices supported), and MySQL Enterprise Server 5.5 (Linux and Windows—up to 1,000 devices supported)</p>
Notes	<p>For fewer than 500 nodes, 1 CPU is sufficient; from 500 to 2,000 nodes,</p>

Technical Specifications

Services

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.

3-Year, 9x5 SW phone support, software updates (UV748E)

3-year, 24x7 SW phone support, software updates (UV749E)

Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP Intelligent Management Center Standard Software Platform accessories

License

HP IMC Standard and Enterprise Additional 50-node E-LTU

JG749AAE

HP PCM+ to IMC Standard Software Platform Upgrade with 200-node E-LTU

JG768AAE

Software

HP IMC Intelligent Analysis Reporter Software E-LTU

JG138AAE

HP IMC Service Health Manager Software Module E-LTU

JG398AAE

HP IMC Remote Site Manager Software Module License with E-LTU

JG495AAE

HP IMC User Access Manager Software Module with 50-user E-LTU

JG752AAE

HP IMC Endpoint Admission Defense Software Module 50-user E-LTU

JG754AAE

HP IMC TACACS+ Authentication Manager Software Module with 50-node E-LTU

JG764AAE

HP IMC Virtualization Monitor Software with E-LTU

JG547AAE

HP IMC Network Traffic Analyzer Module with 5-node E-LTU

JG750AAE

Summary of Changes

Date	Version History	Action	Description of Change:
18-Sep-2014	From Version 7 to 8	Changed	Changes made on Features and Benefits
30-Sep-2013	From Version 6 to 7	Changed	The Product overview, Key Features, Features and Benefits, model specifications and Options were updated.
13-Jun-2013	From Version 5 to 6	Removed	License models were removed.
19-Feb-2013	From Version 4 to 5	Changed	The Product overview, Key Features, Features and Benefits, model specifications and Options were updated.
13-Feb-2012	From Version 3 to 4	Changed	The Features and Benefits, model names and Options were updated.
06-Apr-2011	From Version 2 to 3	Changed	The QuickSpec was completely revised, including updating the title.
01-Mar-2011	From Version 1 to 2	Changed	An issue with the QuickSpecs' PDF was corrected.

To learn more, visit www.hp.com/networking

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