HP Intelligent Management Center Standard Software Platform with 100-Node License

Data sheet

Product overview

HP Intelligent Management Center (IMC) Standard Edition Software is a standalone, comprehensive management platform that delivers integrated, modular management capabilities across fault, configuration, accounting, performance, and security needs. IMC Standard Edition is designed on a service-oriented architecture (SOA) using a business application flow model as the core to allow the management of resources, services, and users to be fully integrated. IMC Standard Edition allows an enterprise business to grow its management in scale and seamlessly accommodate new technologies. Using an SOA, IMC is capable of including additional modules to the base platform to provide deeper functionality. IMC supports the management of HP and third-party devices and is compatible with Microsoft® Windows® and Linux operating systems. IMC Standard Edition comes with an initial license for 100 managed devices. Additional node licenses are available to extend the node limit.

Key features

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

Features and benefits

Management

- **HP Intelligent Management Center (IMC):** The solution cohesively integrates fault management, element configuration, and network monitoring from a central vantage point. With support for third-party devices, IMC enables network administrators to centrally manage all network elements with a variety of automated tasks, including discovery, categorization, baseline configurations, and software images. IMC also provides configuration comparison tools, version tracking, change alerts, and more.

- **Modular architecture:** With IMC's architecture, new modules can be added to enrich a network's management capabilities. Modules for user access management, VPN management, and traffic analysis can be quickly added and provide instant benefits. The architecture allows modules to share information and provide collaborative policy creation and reports.

- **Virtualization management:** HP IMC is the first management tool to integrate the management and monitoring of both virtual and physical networks. It provides insight into and management of virtual networks and reduces migration complexity by aligning and automating network policies with virtual images.

- **Highly flexible and scalable deployment models:** IMC Standard Edition delivers an extensive set of capabilities for managing large heterogeneous networks. This self-contained solution provides scalability and high availability through a flexible distributed deployment model. With its modular design, IMC can be deployed across multiple servers to provide increased scalability and resilience.

- **Rich resource management:** IMC 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 based on their preferred organizational model.

- **Flexible, centralized reporting:** Centralized report management simplifies an organization's report administration. IMC 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 be set to run on a particular schedule.

- **Access control list management:** IMC simplifies the definition, deployment, and control of access control lists (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 the ACL device resources.

- **Identification and access management:** With the addition of the add-on User Access Manager (UAM) module, the system implements unified and centralized access management, supporting access through authentications such as 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.

- **Endpoint Admission Defense (EAD):** With additional modules, IMC can be used to analyze a network endpoint's security status to locate security threats, detect security events, and carry out protective measures to reduce network vulnerabilities. EAD can determine endpoint patch level, ARP attack, abnormal traffic, and the installation and operation of illegal software. Administrators can choose enforcement policies and remediation options that are appropriate to particular endpoints.

- **Network Traffic Analyzer:** With the additional Network Traffic Analyzer (NTA) module, the system can also collect flow information from sflow-, nflow-, and netstream-capable devices. Through traffic analysis, NTA can help identify network bottlenecks, recognize anomalous traffic, and pinpoint varying levels of bandwidth traffic for different services and applications. The correlation of traffic flows to users is available with the additional User Behavior Analysis (UBA) module.

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Specifications

HP Intelligent Management Center Standard Software Platform with 100-Node License (JF377A)	
Minimum system hardware	Running environment requirement: client/server architecture; server requirement 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor 4 GB RAM memory 80 GB storage 10/100 MB NIC 48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card
Recommended system hardware	3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent processor 4 GB RAM memory 100 GB storage 10/100 MB NIC 48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card
Recommended software	Microsoft® Windows® Server 2003 Enterprise Edition SP2 Microsoft® Windows® Server 2003 Enterprise Edition SP2 (32-bit) Microsoft® Windows® Server 2008 (32-bit or 64-bit) Standard or Enterprise Edition Microsoft® Windows® Server 2008 R2 (64-bit) Standard or Enterprise Edition
Minimum system hardware	Client requirement 2.0 GHz Intel® Pentium® III or equivalent processor 512 MB RAM memory 20 GB storage 10/100 MB NIC 48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card
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Recommended software	Microsoft® Windows® XP
Browsers	Microsoft Internet Explorer 6.0 or later Firefox 3.0
Additional requirements	Operating system: also can use Red Hat Enterprise Linux 5 Server; database: Microsoft SQL Server 2005 Service Pack 3 (Windows only), Microsoft SQL Server 2008 Service Pack 1 (Windows only), Microsoft SQL Server 2008 Service Pack 1 (64 bit, Windows 64 bit only)
Notes	For fewer than 500 nodes, 1 CPU is enough; 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.
Services	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 with 100-Node License accessories

License

HP IMC (Standard and Enterprise) Additional 100-node License (JF379A)

HP IMC (Standard and Enterprise) Additional 500-node License (JF380A)

HP IMC (Standard and Enterprise) Additional 1000-node License (JF381A)

HP IMC (Standard and Enterprise) Additional 5000-node License (JF382A)

HP IMC (Standard and Enterprise) Additional Unlimited-node License (JF383A)

HP Intelligent Management Center (Standard and Enterprise) additional 100-node E-LTU (JF379AAE)

HP Intelligent Management Center (Standard and Enterprise) additional 500-node E-LTU (JF380AAE)

HP Intelligent Management Center (Standard and Enterprise) additional 1000-node E-LTU (JF381AAE)

HP Intelligent Management Center (Standard and Enterprise) additional 5000-node E-LTU (JF382AAE)

HP Intelligent Management Center (Standard and Enterprise) additional Unlimited Node E-LTU (JF383AAE)

Software

HP Intelligent Management Center Standard Software Platform with 100-node E-LTU (JF377AAE)

HP 3ND/EMS/PCM+ to Intelligent Management Center Standard Upgrade License (JG140A)

HP 3ND/EMS/PCM+ to Intelligent Management Center Standard Upgrade E-LTU (JG140AAE)

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