

# QuickSpecs

## HP Insight Rapid Deployment software 6.0

### Overview

HP Insight Rapid Deployment software is a complete deployment solution for ProLiant and Integrity servers. HP Insight Rapid Deployment software automates the process of deploying and provisioning server software, enabling companies to quickly and easily adapt to changing business demands. HP Insight Rapid Deployment software includes the ProLiant Integration Module (PIM) and Integrity Integration Module (IIM) which consist of software optimizations for HP Servers, including the HP scripting toolkits, configuration jobs for industry-standard leading operating systems, sample unattended files, and HP server support packs that include software drivers, management agents, and important documentation. HP Insight Rapid Deployment software provides a choice between a Windows-based and a web-based management console that both have an intuitive user interface making deployment of a server or multiple servers easy and consistent. Deploying servers can be accomplished either through imaging or through scripting.

HP Insight Rapid Deployment software is hosted on a Windows server and is intended for heterogeneous environments deploying Windows, Linux, VMware ESX and Microsoft Hyper-V systems.

HP Insight Rapid Deployment software includes one year of 24 x 7 HP Software Technical Support and Update Service ensuring rapid access to HP support staff and proactive delivery of software updates. For more information about this service, please visit: <http://www.hp.com/services/insight>.

The HP Insight Rapid Deployment software license entitlement certificate is delivered via physical shipment or via e-mail (US only). It contains information needed to redeem license files online. This new electronic redemption process allows for better service and support tracking. For more information, please visit <http://www.hp.com/go/ice-license>.

### What's New

- Capability to download HP Insight Rapid Deployment software patches for new ProLiant and Integrity server support
- Support for deployment of Windows 2008 R2 on HP ProLiant servers.
- Support for deployment of VMware ESX 3.5.0 Update 4 and VMware ESX 4.0 on HP ProLiant servers
- Support for deployment of SUSE Linux Enterprise Server 11 and Red Hat Enterprise Linux 4.8 on HP ProLiant servers

### Models

HP Insight Rapid Deployment software License including 1 year of 24x7 Technical Support and Updates, Electronic	T9082AAE
<b>NOTE:</b> This license formerly known as HP ProLiant Essentials Rapid Deployment Pack.	
<b>NOTE:</b> This part number can be used to purchase a single license or to order multiple licenses with a single activation key. Customer will receive a license entitlement certificate via e-mail. The license entitlement certificate must be redeemed online or via fax in order to obtain the license activation key(s). Includes one year of 24 x 7 HP Software Technical Support and Update Service.	
<b>NOTE:</b> Electronic LTUs are only available through limited points of sales; if not available, order a printed license entitlement certificate (xxxxx-B2x) instead.	
HP Insight Rapid Deployment software, No Media 1-Server License including 1 year of 24x7 Technical Support and Updates	452151-B21
<b>NOTE:</b> This license allows 1 server to be deployed and managed via HP Insight Rapid Deployment software. Customer will receive a printed license entitlement certificate via physical shipment. The license entitlement certificate must be redeemed online or via fax in order to obtain the license activation key(s). Includes one year of 24 x 7 HP Software Technical Support and Update Service.	
HP Insight Rapid Deployment software, No Media - Flexible-Quantity License,	452152-B21



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including 1 year of 24x7 Technical Support and Updates

**NOTE:** This license formerly known as HP ProLiant Essentials Rapid Deployment Pack.

**NOTE:** This part number can be used to purchase multiple licenses with a single activation key. Customer will receive a printed license entitlement certificate via physical shipment. The license entitlement certificate must be redeemed online or via fax in order to obtain the license activation key(s). Includes one year of 24 x 7 HP Software Technical Support and Update Service.

HP Insight Software Media Kit

436222-B21

**NOTE:** Insight Software DVD media without licenses. Contains HP Systems Insight Manager and HP Insight software products and components licensed by Insight Control suites. Uses an integrated installer to perform quick and accurate software installation and updates.

HP Insight Rapid Deployment software, AKA Tracking License including 1 year of 24x7 Technical Support and Updates

452165-B21

**NOTE:** For use with signed and implemented Activation Key Agreements only. Purchase of this part number entitles the customer to deploy additional licenses of the product under the terms of the existing Activation Key Agreement. Nothing is delivered in conjunction with the purchase of this part number. For more information on Activation Key Agreements please visit:

<http://h18004.www1.hp.com/products/servers/proliantessentials/license/akalic.html>.

HP Insight Rapid Deployment software, AKA Tracking License without Technical Support and Updates

302128-B21

**NOTE:** For use with signed and implemented Activation Key Agreements only. Purchase of this part number entitles the customer to deploy additional licenses of the product under the terms of the existing Activation Key Agreement. Nothing is delivered in conjunction with the purchase of this part number. Visit

<http://h18004.www1.hp.com/products/servers/proliantessentials/license/akalic.html>

for more information on Activation Key Agreements.

**NOTE:** Tracking licenses may only be purchased by customers that have implemented an activation key agreement (AKA) with HP. Only customers that have implemented an AKA agreement prior to July 9, 2007 should purchase tracking licenses without 24 x 7 support.

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### Standard Features

**Licensing and Packaging** One license is required for every server or virtual machine to be deployed and managed with HP Insight Rapid Deployment software. Licenses are non-transferable. Full details are contained in the End User License Agreement (EULA).

To simplify the evaluation process, a 7-day, 10-server evaluation license is built into every copy of RDP, eliminating the need to obtain a key before installing the software. This free license is automatically activated with the initial software installation.

A 30-day, 10-server evaluation license is available for download on <http://www.hp.com/go/rdp>. This evaluation license can be added to the 7-day trial license.

Licenses are additive such that you can combine multiple licenses together for the total number of server licenses you have purchased.

To order Insight Rapid Deployment software, contact your Account Manager or HP Authorized Reseller, or purchase online at: <http://www.hp.com/go/rdp>.

For more information regarding Insight Control software visit: <http://www.hp.com/go/ice>.

For more information regarding Insight Rapid Deployment software visit: <http://www.hp.com/go/rdp>.

For additional information on other HP manageability products and services, visit <http://www.hp.com/manage>.

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### Insight Rapid Deployment software Benefits

- Provides a fast, easy, drag-and-drop solution for deploying standard server configurations and software builds in an automated fashion from a remote console
- Improved overall consistency of configurations across multiple servers
- Reduced IT resource requirements during large-scale deployments
  - Deployment solution with scripts developed, tested, and supported by HP to enable rapid deployment of HP ProLiant DL 100 series, HP ProLiant ML and DL 300, 500, 700 servers, ProLiant BL servers, Integrity entry-class servers, sx2000-based Integrity mid-range and high-end servers and Integrity c-Class blade servers
- HP offers a complete choice of services to ensure the success of your ProLiant server deployment program

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### Product Features

Provides complete functionality for HP ProLiant ML and DL 300, 500, 700 and DL 100 Series servers, ProLiant BL servers, Integrity entry-class servers, sx2000-based Integrity mid-range and high-end servers and Integrity c-Class blade servers. Provides a fast, easy, drag-and-drop solution for deploying standard server configurations and software builds in an automated fashion from a remote console

- Simplifies automated server deployment allowing companies to rapidly respond to changing workloads
- Establishes virtual presence and control for server deployments and redeployments within the data center or at remote locations, eliminating the need for IT personnel to be physically present

The ProLiant Integration Module (PIM) integrates essential HP support software

- Includes the SmartStart Scripting Toolkit, providing an easy way to automate generation of standard server configuration scripts
- The ProLiant Integration Module provides latest versions of the SmartStart Scripting Toolkit, HP



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### Standard Features

optimized drivers and management agents along with HP supplied deployment events and scripts pre-loaded in the Rapid Deployment software console

- HP supplied deployment events and scripts, using SmartStart technology, maximize productivity with instant out-of-the-box functionality – automating the process of server configuration and software deployment - driving world-class levels of IT efficiency and decreasing the Total Cost of Ownership
- Operating System integration is a snap with HP supplied configuration events for both Microsoft Windows and Linux further simplifying the initial OS deployment and driver integration steps all in an automated fashion
- Supports SAN Boot or SAN Attach deployment on ProLiant BL servers.

### ProLiant BL optimizations

- Designed for blade servers - HP Insight Rapid Deployment software is the recommended deployment solution for the ProLiant BL line of servers
- Enables rapid serviceability with Rip-and-Replace features. Pre-failure alerts enable proactive replacement of blade servers for service. New blades automatically assume personality of previous server based on location in enclosure and rack.
- Blade servers are easy to identify by physical location in racks - blades are displayed with easy to understand icons of rack, enclosure, bay
- With Virtual Rack, Enclosure, Bay features, users can now assign an event to be executed the first time a blade is inserted into the bay. The user will have the ability to create a virtual enclosure and its associated virtual bays via a console interface and the ability to associate a single event with the bays of the enclosure when they are created.

### The Integrity Integration Module (IIM) integrates essential HP support software

- Pre-loaded HP deployment events and scripts make it easy to deploy and image Integrity servers from the RDP drag-and-drop console, automating your server deployment processes and increasing IT efficiency
- Integrates the latest versions of optimized HP Integrity drivers and management agents for the highest levels of server reliability
- Includes the Integrity Smart Setup Scripting Toolkit which makes it simple to create custom configurations
- With full-configuration imaging of installed servers, Integrity servers can be easily replicated or reinstalled

### Integrity Blade optimizations

- Supports Integrity c-Class blade servers with customized HP tools for deployment and imaging with a drag-and-drop console
- Deploys Integrity c-Class blade servers with Linux or Windows operating system

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### Standard Features

**Deployment infrastructure components** The infrastructure components required to use HP Insight Rapid Deployment software include a deployment server, a DHCP server, a PXE server, a database server, a file server and an FTP server (for Linux and VMware deployments). For a simple deployment infrastructure, the functionality of all these servers can be combined into one physical server.

- The deployment server is the central repository which includes a file share, a database and PXE server.
- The file share stores scripts, configurations, your operating system, ProLiant server software files and disk images that you may use to deploy a server.
- A database server (MS SQL Server 2005 or MS SQL Server 2008) stores server profiles and hardware/software inventory. The database server logs all configuration activities that occur with the deployment server.
- The PXE server provides the functionality to boot a remote server over the network.
- A DHCP server is required if you intend to using PXE to perform server deployments. The DHCP server assigns temporary IP addresses to the server you are deploying.
- For Linux and VMware deployments, operating system and silent install files reside on the FTP server that you may use to deploy a server.

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### Customer Usage Scenarios

**Usage Scenario 1** Customers deploying 50+ HP Servers per year are looking for automated, unattended ways to get their servers up and running as quickly as possible. Fewer IT resources are required when using HP Insight Rapid Deployment software for high volume server deployment; this enables IT resources to be redeployed to other important tasks.

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**Usage Scenario 2** Customers looking for a simpler way to manage multi-server deployments: HP Insight Rapid Deployment software provides a fast, easy, point-and-click solution for deploying and maintaining standard server software configurations. This solution provides a method for deploying servers from a remote-console. The console provides an easy view of server configurations and servers that have been deployed, easy management and deployment of imaging or scripting events and most importantly a drag-and-drop method for deploying servers.

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**Usage Scenario 3** Customers who are pioneers in adopting latest technology will find the HP Insight Rapid Deployment software useful in their data centers. The ideal customer is looking for advanced deployment methods that take advantage of booting over the network with PXE, and sophisticated imaging and scripting technology.

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**Usage Scenario 4** Customers who are managing test and development environments will find the HP Insight Rapid Deployment software imaging technology a fast and easy way to create server configuration images for replicating or backing up a configured system. RDP Images capture everything on the system drive of the server including OS, updates, utilities, and applications. An RDP server image can restore a server in a matter of minutes.

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### Standard Features

#### Complementary Products

- HP Insight Foundation suite for HP ProLiant\* (shipped with every ProLiant ML, DL 300 and 500 Series server)
- HP Insight Foundation suite for HP Integrity for Windows (shipped with every Integrity Server configured with Windows)
- HP Integrated Lights-Out Advanced software for HP ProLiant
- HP Integrated Lights-Out Select software for HP Integrity
- HP Insight Virtual Machine Manager software
- HP Insight Server Migration software for HP ProLiant
- HP Systems Insight Manager
- HP Insight Control suite
- HP Insight Dynamics - VSE suite

\*May be named the Server Setup & Management Pack in some servers

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### Service and Support, HP Care Pack, and Warranty Information

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**Warranty** HP will replace defective delivery media replacement for a period of 90 days following the date of purchase.

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**Software Support** HP offers a number of software support services, many of which are provided to customers at no additional charge.

#### **Software Technical Support and Update Service**

HP Insight Rapid Deployment software includes one year of 24 x 7 HP Software Technical Support and Update Service. This service provides access to HP technical resources for assistance in resolving software implementation or operations problems. The service also provides access to software updates and reference manuals either in electronic form or on physical media as they are made available from HP. (Customers who purchase an electronic license to use are eligible for electronic updates only.) With this service, HP Insight software customers will benefit from expedited problem resolution as well as proactive notification and delivery of software updates. For more information about this service, see: <http://www.hp.com/services/insight>.

If you received a license entitlement certificate, registration for this service will automatically take place upon redemption of the license certificate/key online and a service contract will be created for you.

If the license information you received for your product instructs you to register for Software Technical Support and Update Service, please follow the instructions or you will not be eligible for telephone support or product updates.

Once registered for this service, you will receive a letter in the mail containing the Customer Service Phone number for your reference and your Service Agreement Identifier (SAID). After you have received your SAID, you can go to the Software Update Manager (SUM) web page to view your contract online and elect electronic delivery for your updates.

#### **Join the Discussion**

The HP Support Forum is a community-based, user-supported tool for HP customers to participate in discussions amongst the customer community about HP products. For discussions related to Insight software products, see the "Management Software and System Tools" area.

#### **Software and Drivers Download Pages**

Provides latest software and drivers for your ProLiant products.

#### **Management Security** (<http://www.hp.com/servers/manage/security>)

HP is proactive in its approach to the quality and security of all its management software. Be sure to check this website often for the latest downloadable security updates.

#### **Obtain the latest SmartStart Release** (<http://www.hp.com/servers/smartstart>)

The SmartStart, Management, and Firmware CDs are freely available for download following a simple registration from the SmartStart web site. If you wish to receive physical kits, you can order single release kits from the SmartStart web site. To receive proactive notification when SmartStart releases are available, subscribe to Subscriber's Choice at: <http://www.hp.com/go/subscriberschoice>.

For support questions in the U.S. that are not covered in any of the above services, please call 1-800-HP-INVENT (1-800-474-6836). HP Worldwide numbers for HP SIM, Insight Control, and other Insight software products are available at: <http://www.hp.com/country/us/en/wwcontact.html>.



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### Related Options

HP Insight Control suite	<b>HP Insight Control suite for HP ProLiant ML, DL and BL servers</b> HP Insight Control suite License, including 1 year of 24x7 Technical Support and Updates, Electronic <b>NOTE:</b> This part number can be purchased as a single license or as multiple licenses with a single activation key. <b>NOTE:</b> Electronic LTUs are only available through limited points of sales; if not available, order a printed license entitlement certificate (xxxxx-B21) instead.	T9074BAE
	HP Insight Control suite, No Media 1-Server License including 1 year of 24x7 Technical Support and Updates	452148-B22
	HP Insight Control suite, No Media, Flexible-Quantity License including 1 year of 24x7 Technical Support and Updates <b>NOTE:</b> This part number can be used to purchase multiple licenses with a single activation key.	452149-B22
	HP Insight Control suite, No Media, 10-Server License including 1 year of 24x7 Technical Support and Updates	452676-B22
	HP Insight Control suite, Tracking License including 1 year of 24x7 Technical Support and Updates <b>NOTE:</b> For use with signed and implemented Activation Key Agreements (AKA) only. Purchase of this part number entitles the customer to deploy additional licenses of the product under the terms of the existing Activation Key Agreement. No physical components or license keys are delivered in conjunction with the purchase of this part number. For more information on Activation Key Agreements please visit: <a href="http://h18004.www1.hp.com/products/servers/proliantessentials/license/akalic.html">http://h18004.www1.hp.com/products/servers/proliantessentials/license/akalic.html</a>	452150-B21
	HP Insight Control suite, Tracking License without 1 year of 24x7 Technical Support and Updates. <b>NOTE:</b> Tracking licenses may only be purchased by customers that have implemented an activation key agreement (AKA) with HP. Only customers that have implemented an AKA agreement prior to July 9, 2007 should purchase tracking licenses without 24 x 7 support.	436278-B21
	HP Insight Software Media Kit <b>NOTE:</b> Insight Software DVD media without licenses. Contains HP Systems Insight Manager and HP Insight software products and components licensed by Insight Control suites. Uses an integrated installer to perform quick and accurate software installation and updates. <b>NOTE:</b> HP Insight Software Media Kit supports HP ProLiant ML/DL 300, 500 and 700 series and HP ProLiant BL servers.	436222-B21
	<b>HP Lights-Out 100i Advanced</b> HP LO100i Advanced, No Media 1-Server License including 1 year of 24x7 Technical Support and Updates <b>NOTE:</b> This license supports the HP ProLiant DL160 G5, DL165 G5 and DL185 G5 servers.	530521-B21



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### Related Options

HP Insight Rapid Deployment software to Insight Control suite upgrade	HP Insight Rapid Deployment software to Insight Control suite upgrade, including 1 year of 24x7 Technical Support and Updates, Electronic <b>NOTE:</b> For use in environments where Rapid Deployment software is already installed and licensed. This part number can be purchased as a single license or as multiple licenses with a single activation key. <b>NOTE:</b> Electronic LTUs are only available through limited points of sales; if not available, order a printed license entitlement certificate (xxxxx-B21) instead. <b>NOTE:</b> This option does not include Rapid Deployment software licenses.	T9101ABE
	HP Insight Rapid Deployment software to Insight Control suite upgrade, No Media, 1-Server License including 1 year of 24x7 Technical Support and Updates <b>NOTE:</b> For use in environments where Rapid Deployment software is already installed and licensed on ProLiant ML, DL or BL servers. <b>NOTE:</b> This option does not include Rapid Deployment software licenses.	453485-B22
	HP Insight Rapid Deployment software to Insight Control suite upgrade, No Media, Flexible-Quantity License including 1 year of 24x7 Technical Support and Updates <b>NOTE:</b> For use in environments where Rapid Deployment software is already installed and licensed on ProLiant ML, DL or BL servers. This part number can be used to purchase multiple licenses with a single activation key. <b>NOTE:</b> This option does not include Rapid Deployment software licenses.	436753-B23
	HP Insight Rapid Deployment software to Insight Control suite upgrade, No Media 8-Server License including 1 year of 24x7 Technical Support and Updates <b>NOTE:</b> For use in environments where Rapid Deployment software is already installed and licensed on ProLiant ML, DL or BL servers. <b>NOTE:</b> This option does not include Rapid Deployment software licenses.	436751-B23
Service and Support Offerings	HP Insight Rapid Deployment software - 3 year, 24x7 Unlimited Software Support includes technical support and Software updates	UF518E
(HP Care Pack Services)	HP Insight Rapid Deployment software Upgrade 8 Blade servers - 3 year, 24x7 Unlimited Software Support includes technical support and Software updates	UF531E

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## Technical Specifications

### Deployment server system requirements

#### Minimum Supported Configuration

2.0-GHz processor  
1 GB RAM

#### Recommended Configuration

2 or more processors on HP ProLiant Server or equivalent virtual machine  
2 GB RAM

#### Supported Operating System Configuration (in both Minimum and Recommended Configuration)

Microsoft Windows Server 2003 x86 or x64 (SP1, R2, or SP2) Standard or Enterprise Editions  
Microsoft Windows Server 2008 x86 or x64 Standard or Enterprise Editions

For more details about requirements for the deployment server, refer to the RDP User Guide at:  
<http://www.hp.com/go/rdp>.

### Product Support Matrix:

For more information on HP ProLiant and HP Integrity server and operating system support, please visit <http://h18013.www1.hp.com/products/servers/management/rdp/knowledgebase/60000040.html>

### Other Product Information

The following product materials are available on the HP Insight Rapid Deployment software web page at:

<http://www.hp.com/go/rdp>.

Product Datasheet

User Guide

General FAQ

Using PXE Technology with ProLiant Servers White Paper

Implementing a Deployment Infrastructure White Paper

Knowledge Base with Deployment Support article (previously known as Support Matrix) and Release Notes

### Environment-friendly Products and Approach

#### End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to <http://www.hp.com/go/green>. To recycle your product, please go to <http://www.hp.com/go/green> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/green>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

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