Overview

HP Matrix Operating Environment is cloud management software for infrastructure as a service (IaaS) that enables you to:

- Design and provision infrastructure services in minutes via a self-service portal
- Optimize infrastructure for capacity planning and showback/chargeback
- Protect service continuity with automated cost-effective failover

HP Matrix Operating Environment, which includes HP Insight Control, is at the core of the HP CloudSystem Matrix, an infrastructure as a service (IaaS) solution for private and hybrid cloud deployments, built on proven HP Converged Infrastructure technologies. It is available for both HP ProLiant and HP Integrity servers as well as for provisioning third party x86 virtual machine environments.

What's New

New capabilities for version 7.3 include:

- Provision virtual/physical server in am IPv6 network with a static IP Address
- Add VM disks without requiring a reboot
- Support VMs with multiple data stores and thin provisioning
- Configure network with no IP
- Ability to add/remove a network from an instantiated VM server
- Perform memory and CPU changes to a running VM
- Allow the admin to change the cost of deployed services (CLI only)
- Allow admin to specify the cost of customization (e.g., SW, NW)

Models

HP Licenses and Media	**HP Matrix Operating Environment**	
	NOTE: HP Matrix Operating Environment supports the HP ProLiant ML/DL 300, 500, 700 series servers and HP ProLiant c-Class blade servers see the Technical Specifications section for more detail. **NOTE:** For each purchased license, a license entitlement certificate will be delivered. The license entitlement certificate contains information needed to register and redeem license activation key(s) online or via fax. For more information, please visit: http://www.hp.com/go/ICE-license.	
	HP Matrix Operating Environment with Insight Control - for HP ProLiant and HP ProLiant c-Class blade servers. **NOTE:** Allows customers to purchase HP Matrix Operating Environment in one easy to order license package for HP ProLiant servers. Customers who already have Insight Control licenses for their servers should consider the upgrade license packages listed in a separate section below.	
	HP Matrix Operating Environment for ProLiant with Insight Control incl 1yr 24x7 Supp Single Svr Lic **NOTE:** This license supports HP ProLiant ML/DL servers and c-Class blade servers. Will receive a printed license entitlement certificate via physical shipment.	TC222B

Overview

HP Matrix Operating Environment for ProLiant with Insight Control incl 1yr 24x7 Support Flex Qty Lic	TC223B

NOTE: This license supports HP ProLiant ML/DL servers and c-Class blade servers.

NOTE: This license can be used to purchase multiple licenses with a single activation key. Customer will receive a printed license certificate via physical shipment.

HP Matrix Operating Environment for ProLiant with Insight Control incl 1yr 24x7 Support Tracking Lic	TC224B

NOTE: This license supports HP ProLiant ML/DL servers and c-Class blade servers.

NOTE: For use with signed and implemented Activation Key Agreements (AKA) only. Purchase of this part number entitles the customer to deploy additional licenses under the terms of the existing AKA. No physical components or license keys are delivered in conjunction with the purchase of this part number.

HP Matrix Operating Environment for ProLiant with Insight Control incl 1yr 24x7 Support E-LTU	TC225BAE

NOTE: This license supports HP ProLiant ML/DL servers and c-Class blade servers. Customer will receive via email a receipt and link to a license entitlement certificate.

NOTE: Electronic software is available in all countries except China and Japan. For China and Japan please order the physical equivalent.

HP Matrix Operating Environment with Insight Control - HP ProLiant c-Class Blade Servers

NOTE: Allows customers to purchase HP Matrix Operating Environment in one easy to order license package for HP ProLiant c-Class blade servers. Customers who already have Insight Control licenses for their servers should consider the upgrade license packages listed in a separate section below.

HP Matrix Operating Env for ProLiant w/ Insight Control BL incl 1yr 24x7 Support Encl 8 Svr FIO Lic	TC226B

NOTE: This license supports HP ProLiant c-Class blade servers.

NOTE: Must be purchased as an option to an HP BladeSystem enclosure. FIO can only be ordered as part of a factory-configured platform. Customer will receive a printed license entitlement certificate via physical shipment.

HP Matrix Operating Env for ProLiant w/ Insight Control BL incl 1yr 24x7 Support Encl 16 Svr FIO Lic	TC227B

NOTE: This license supports HP ProLiant c-Class blade servers.

NOTE: Must be purchased as an option to an HP BladeSystem enclosure. FIO can only be ordered as part of a factory-configured platform. Customer will receive a printed license entitlement certificate via physical shipment.

HP Matrix Operating Environment for ProLiant w/ Insight Control w/1y 24x7 Supp Encl Bndl 8Svr E-LTU	TC226BAE

NOTE: This license supports HP ProLiant c-Class blade servers.

NOTE: Must be purchased as an option to an HP BladeSystem enclosure. FIO can only be ordered as part of a factory-configured platform. Customer will receive via email a receipt and link to a license entitlement certificate for the software portion of the order.

NOTE: Electronic software is available in all countries except China and Japan. For China and Japan please order the physical equivalent.

HP Matrix Operating Environment for ProLiant w/ Insight Control w/1y 24x7 Supp Encl Bndl 16Svr E-LTU	TC227BAE

NOTE: This license supports HP ProLiant c-Class blade servers.

NOTE: Must be purchased as an option to an HP BladeSystem enclosure. FIO can only be

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ordered as part of a factory-configured platform. Customer will receive via email a receipt and link to a license entitlement certificate for the software portion of the order.
NOTE: Electronic software is available in all countries except China and Japan. For China and Japan please order the physical equivalent.

HP Matrix Operating Environment without Insight Control (upgrade for existing Insight Control customers)
NOTE: Allows existing Insight Control license owners customers to purchase HP Matrix Operating Environment licenses as an upgrade for HP ProLiant servers.

HP Matrix Operating Env for ProLiant Upgrade from Insight Control incl 1yr 24x7 Supp Single Svr Lic	TC228B

NOTE: This license supports HP ProLiant ML/DL and c-Class Blade servers. Customer will receive a printed license entitlement certificate via physical shipment.

HP Matrix Operating Env for ProLiant Upgrade from Insight Control incl 1yr 24x7 Supp Flex Qty Lic	TC229B

NOTE: This license supports HP ProLiant ML/DL and c-Class Blade servers.
NOTE: This license can be used to purchase multiple licenses with a single activation key. Customer will receive a printed license entitlement certificate via physical shipment.

HP Matrix Operating Env for ProLiant Upgrade from Insight Control incl 1yr 24x7 Supp Tracking Lic	TC230B

NOTE: This license supports HP ProLiant ML/DL and c-Class Blade servers.
NOTE: For use with signed and implemented Activation Key Agreements (AKA) only. Purchase of this part number entitles the customer to deploy additional licenses under the terms of the existing AKA. No physical components or license keys are delivered in conjunction with the purchase of this part number.

HP Matrix Operating Env for ProLiant Upgrade from Insight Control incl 1yr 24x7 Supp Electronic Lic	TC231BAE

NOTE: This license supports HP ProLiant ML/DL and c-Class Blade servers. Customer will receive via email a receipt and link to a license entitlement certificate.
NOTE: Electronic software is available in all countries except China and Japan. For China and Japan, please order the physical equivalent.

HP Matrix Operating Environment for non-HP servers
NOTE: Allows customers to purchase HP Matrix Operating Environment licenses for non-HP x86 servers
NOTE: Functionality is limited when compared to HP support. See HP Insight Software support matrix for details: www.hp.com/go/matrixoe
NOTE: Support is limited to x86 servers. See HP Insight Software support matrix for details: www.hp.com/go/matrixoe

HP Matrix Operating Environment for non-HP Servers including 1yr 24x7 Support Single Server License	TC234B

NOTE: This license supports x86 servers. Customer will receive a printed license entitlement certificate via physical shipment.

HP Matrix Operating Environment for non-HP Servers incl 1yr 24x7 Support Flexible Quantity License	TC235B

NOTE: This license supports x86 servers.
NOTE: This license can be used to purchase multiple licenses with a single activation key. Customer will receive a printed license entitlement certificate via physical shipment.

QuickSpecs

Overview

HP Matrix Operating Environment for non-HP Servers incl 1yr 24x7 Support Tracking License   TC236B
NOTE: This license supports x86 servers.
NOTE: For use with signed and implemented Activation Key Agreements (AKA) only. Purchase of this part number entitles the customer to deploy additional licenses under the terms of the existing AKA. No physical components or license keys are delivered in conjunction with the purchase of this part number.

HP Matrix Operating Environment for non-HP Servers including 1yr 24x7 Support Electronic License   TC237BAE
NOTE: This license supports x86 servers. Customer will receive via email a receipt and link to a license entitlement certificate via physical shipment.
NOTE: Electronic software is available in all countries except China and Japan. For China and Japan, please order the physical equivalent.

HP Insight Capacity Advisor Consolidation software for HP ProLiant servers and c-Class blade Servers

HP Capacity Advisor Consolidation Software for ProLiant Electronic License   TC296AAE
NOTE: For ProLiant server licenses, the HP Insight Capacity Advisor Consolidation software includes a 24x7 Technical Support and Update Service (Support and Updates last for one year after first activation of a flex license group).
NOTE: Allows customers to purchase HP Insight Capacity Advisor Consolidation software licenses with a 6 months activation period per server.
NOTE: Electronic software is available in all countries except China and Japan. For China and Japan should order the physical equivalent.

Media

HP Insight Management Media Kit   C6N31A
NOTE: The Insight Software media kit includes the HP Matrix Operating Environment, HP Virtual Connect Enterprise Manager, HP Insight Control and HP Systems Insight Manager.
The Insight Software can also be downloaded from the web at:
http://h18013.www1.hp.com/products/servers/management/fpdownload.html
There is also a trial version for virtual environment only at:
www/hp/com/go/trycloudsystem
NOTE: The Insight Software DVD Media Kit comes without licenses. It contains HP Insight software products licensed by Insight software and/or individual products. It uses an integrated installer to perform quick and accurate software installation and updates.

Standard Features

Licensing and Packaging	**NOTE:** The HP Matrix Operating Environment is licensed per server for private cloud implementations, and per managed instance when used to manage public cloud resources via bursting. One server license is required for every managed server. Each server license also includes rights to manage one public cloud instance. Customers may purchase HP Matrix OE Public Cloud Managed Instance licenses as needed to manage additional public cloud resources. Licenses are non-transferable. Full details are contained in the End User License Agreement.

For each purchased license, a license entitlement certificate will be delivered. The license entitlement certificate contains information needed to redeem license activation key(s) online or via fax. For more information, please visit: http://www.hp.com/go/ICE-license.

The HP Matrix Operating Environment is provide on DVD media included in the HP Insight Software Media Kit, and can also be downloaded from:
http://h18013.www1.hp.com/products/servers/management/fpdownload.html

NOTE: For more information regarding HP Matrix Operating Environment visit: ww.hp.com/go/matrixoe

HP Matrix Operating Environment Benefits

Matrix OE can help you cut operational costs and enable your infrastructure to adapt as your business grows. Specifically, Matrix OE helps:

Reduce costs	HP estimates that the software can greatly reduce the cost of common data center tasks, thereby lowering costs associated with capacity planning, virtual provisioning (when used with Virtual Connect and Virtual Connect Enterprise Manager, Matrix OE supports physical server provision as in the CloudSystem Matrix solution), upgrades and changes, and energy.
Increase the speed of change	By reducing steps for key tasks, you can accelerate key technology projects. For instance, moving a workload from one server to another with a simple drag and drop takes minutes while traditional approaches can take days and often require extensive coordination between server, storage, networking, and facilities groups.
Improve quality	Matrix OE enables you to provide high availability and maintain quality of service levels more cost effectively than traditional clustering. By redeploying logical servers easily in the event of hardware failure, you can enjoy fast protection, which was previously unaffordable.
Manage energy	Matrix OE helps you compare the energy consumption of different data center configurations easily. Matrix OE gives you the hard data you need to make the most of your energy consumption.

Standard Features

Key Product Features		
	Provision infrastructure in minutes	Matrix OE helps you build a complete infrastructure environment ready for your applications in minutes-by automating the provisioning of virtual and, along with Virtual Connect, physical servers with their storage and networking connections. An application infrastructure can be up and running in minutes, rather than weeks or months.
	Infrastructure orchestration	With the orchestration capability of Matrix OE, you can accelerate the design and delivery of infrastructure resources by creating service templates. These templates can then be started, stopped, and stored offline for reuse. This means, you can now visually design a catalog of infrastructure service templates, including multi-tier, multi-node configurations that can be activated in minutes. Authorized users can provision virtual and physical (when used with Virtual Connect and Virtual Connect Enterprise Manager) infrastructure from pools of shared server and storage resources through a self-service portal, which automates and streamlines the approval process for requested infrastructure.
	Improve infrastructure confidently	HP Matrix OE provides deep insight into your infrastructure and lets you quickly adjust your environment over its lifecycle, so that you can predictably make changes without time-consuming analysis. Key data points like power, CPU, memory, and network utilization are captured every five minutes (more than a thousand data points per server per day) and are used to generate best-fit consolidation scenarios that fit right.
	Capacity planning	To make the most of your environment, planning is vital to assign the right application workloads to the right servers. With Matrix OE, you can do just that with built-in capacity planning and rebalancing tools. It is an industry leading real-time capacity planning tool, which allows you to continually analyze server capacity and power use. This intuitive capacity planning tool simulates various workload scenarios, so you can choose the one that best meets your business needs.
	Protect continuity of services	For the utmost in integrated disaster recovery, Matrix OE recovery management lets you move workloads to other servers or sites with a simple mouse click, improving recovery time up to 80 percent or more. Failed over workloads are dealt with in as few as five minutes across physical (with Virtual Connect) and virtual servers. Core capabilities of Matrix OE recovery management include failover and recovery for both physical and virtual environments; integration with HP EVA and XP storage data replication solutions; a GUI, which is easy to use, for creation and testing of failover and recovery scenarios; and integration with VMware vSphere and Microsoft Hyper-V virtualization environments for ProLiant Servers.

NOTE: HP Matrix Operating Environment recovery management is not supported on HP Integrity servers or on non-HP servers. It is only supported on HP ProLiant servers and server blades.

Standard Features

Customer Usage Scenarios

Move your Test & Development environment to a Cloud

Create a dynamic test and development infrastructure. Rapidly activate and deactivate test and development environments, to quickly repurpose infrastructure without reinstallation. Resources may be pooled and shared, improving utilization and reducing cost. Cloud bursting further allows you to provision services beyond the "private cloud" by "bursting" into a public cloud for a specific template-defined service. The resources in the public cloud are paid for only when used, and released when no longer needed, optimizing cost and flexibility.

Expand the Cloud to include your production infrastructure

Use the HP Matrix infrastructure orchestration capabilities to accelerate delivery of shared infrastructure services, while reducing complexity, cutting costs, and improving reliability. Use of capacity planning can help to contain server sprawl, improve utilization, and achieve space and power efficiencies. Finally, you can freely move workloads, during planned or unplanned downtime, to ensure and increase availability.

Deliver and monitor infrastructure and applications

HP CloudSystem Matrix provides advanced virtual and physical (when used with Virtual Connect and Virtual Connect Enterprise Manager) provisioning and management of applications and infrastructure with industry best practice templates, a highly flexible architecture with advanced workload optimization and metering, service assurance, application lifecycle management, security, and compliance.

Service and Support, HP Care Pack, and Warranty Information

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

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
The HP Matrix Operating Environment 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 Matrix Operating Environment 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.

Installation & Startup Service
HP Matrix Operating Environment for HP ProLiant recommends installation and startup services.

NOTE: Installation and Start-up services are optional for each HP SIM Central Management Server (CMS) where HP Matrix Operating Environment will be deployed to manage virtual workloads only. (see: www.hp.com/go/trycloudsystem for additional information)
NOTE: The HP Matrix Operating Environment for ProLiant Installation and Startup service does not include configuring of the HP Matrix Operating Environment recovery management. Customers who wish HP Services to configure HP Matrix Operating Environment recovery management will need to purchase separately the HP Matrix Operating Environment recovery management Installation and Startup service (HP part # UK830E).

HP CloudSystem Matrix Conversion Services
NOTE: HP CloudSystem Matrix Conversion Services is required for customers seeking management of physical workloads. This service will convert your existing HP BladeSystem equipment into a fully operational CloudSystem Matrix solution. Converting your existing equipment allows you to build on the investment in your BladeSystem Infrastructure and benefit from the advantages that a CloudSystem Matrix solution provides. These services apply to both BladeSystem and BladeSystem based HP VirtualSystem Infrastructures.

Online Support Resources
HP Insight Remote Support incorporates industry-leading service tools that notify you when a significant system event has occurred or may potentially occur. You can configure and customize alert notification status for key hardware components including HP ProLiant servers. Integration of the HP Insight Remote Support with HP SIM brings you a comprehensive "phone home to HP" capability. For more information, please visit: http://www.hp.com/services/remotesupportpack.

Registration for Software Technical Support and Update Service
If the license information you received for your product instructs you to register for Software Technical Support and Update Service, please follow the instructions so that you will be eligible for telephone support and product updates.

How to Use Your Software Technical Support and Update Service

Service and Support, HP Care Pack, and Warranty Information

Once registered, you will receive a service contract in the mail containing the Customer Service phone number and your Service Agreement Identifier (SAID). You will need your SAID, when calling for technical support. Using your SAID, you can also go to the Smart-Update Manager (HP SUM) web page to view your contract online and elect electronic delivery for your updates.

Software and Drivers Download Pages
For selection of your country or region for localized technical support information please visit: http://www.hp.com/support Selecting "Servers" provides latest software and drivers for your HP ProLiant products.

Join the Discussion (http://www.itrc.hp.com)
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 Control and HP ProLiant Essentials software, see the "Management Software and System Tools" area.

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 the website often for the latest down-loadable security updates.

Obtain the Latest SmartStart Release (http://www.hp.com/servers/smartstart)
The SmartStart, Management, and Firmware CD/DVD's are now freely available for download following a simple registration from the SmartStart web site. If you wish to receive physical kits with each release 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.

HP Worldwide Customer Service contact numbers are available at: http://www.hp.com/country/us/en/wwcontact.html.

Related Options

HP Insight Capacity Advisor Consolidation Software	HP Capacity Advisor Consolidation Software for ProLiant incl 1yr 24x7 Support Flex Qty Lic	492632-B21
	NOTE: Allows customers to purchase HP Insight Capacity Advisor Consolidation software licenses with a 6 months activation period. Customer will receive a printed license entitlement certificate via physical shipment.	
	NOTE: For additional information please see the QuickSpecs at: www.hp.com/go/capad	
HP Insight Control server deployment	HP Insight Control Server Deployment including 1yr 24x7 Support Single Server License	452151-B21
	NOTE: This license allows 1 server to be deployed. 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 Control Server Deployment including 1yr 24x7 Support Electronic License	T9082AAE
	NOTE: Electronic software is available in all countries except China and Japan. Customers in China and Japan should order the physical equivalent.	
HP CloudSystem Matrix	HP CloudSystem Matrix Flex-10 Starter Kit with 3 year 24x7 Support	535888-B21
	NOTE: For complete ordering information guidance refer to the HP CloudSystem Matrix QuickSpecs: www.hp.com/go/matrix	
HP Matrix OE Public Cloud Managed Instance License	HP Matrix Operating Environment Public Cloud Managed Instance 1 year 24x7 Support License	BD580A
	HP Matrix Operating Environment Public Cloud Managed Instance 1 year 24x7 Support E-LTU	BD580AAE
	HP Matrix Operating Environment Public Cloud Managed Instance 1 year 24x7 Support Flexible License	BD581A
	NOTE: Each traditional (node-based) Matrix OE license includes rights to also manage one public cloud instance. For example, a purchase of 16 Matrix OE server licenses entitles the buyer to also manage up to 16 instances concurrently across all public clouds. This built-in public cloud licensing may be sufficient to cover all bursting needs of some CloudSystem users. If more extensive bursting is required, a Matrix OE public cloud managed instance license (BD580A, BD580AAE, and BD581A) is required for each additional VM that will be managed concurrently on public cloud infrastructure. **NOTE:** Customers purchasing "t" quantity of the traditional (node-based) Matrix OE license and "p" quantity of Matrix OE Public Cloud Managed Instance License will be able to burst up to "t+p" virtual machine(s) concurrently. The total number of VMs in use simultaneously across all cloud service providers may not exceed "t+p". **NOTE:** Matrix OE Public Cloud Managed Instance License (BD580A, BD580AAE, and BD581A) will be valid for a period of one year from the date of purchase. To extend rights to manage a public cloud instance beyond the license term, customers must purchase another license when their current license expires. **NOTE:** For each purchased fixed or flexible license, a printed license entitlement certificate will be delivered. For each purchased electronic license, a license entitlement certificate will be delivered electronically.	
HP Service and Support	**NOTE:** HP Matrix Operating Environment comes bundled with 1 Year, 24x7 Support & Updates. The following Service Uplifts and additions are also available.	
	HP 3 year 24x7 Matrix Operating Environment with Insight Control Software Support	UR365E
	HP 4 year 24x7 Matrix Operating Environment with Insight Control Software Support	UR366E

Related Options

	HP 5 year 24x7 Matrix Operating Environment with Insight Control Software Support	UR367E
	HP 3 year 24x7 Matrix Operating Environment with Insight Control 16 Server Software Support	UR371E
	HP 4 year 24x7 Matrix Operating Environment with Insight Control 16 Server Software Support	UR372E
	HP 5 year 24x7 Matrix Operating Environment with Insight Control 16 Server Software Support	UR373E
	HP 3 year 24x7 Matrix Operating Environment with Insight Control 8 Server Software Support	UR368E
	HP 4 year 24x7 Matrix Operating Environment with Insight Control 8 Server Software Support	UR369E
	HP 5 year 24x7 Matrix Operating Environment with Insight Control 8 Server Software Support	UR370E
	HP 3 year 24x7 Matrix Operating Environment without Insight Control Software Support	UR374E
	HP 4 year 24x7 Matrix Operating Environment without Insight Control Software Support	UR375E
	HP 5 year 24x7 Matrix Operating Environment without Insight Control Software Support	UR376E
	HP Startup Insight Dynamics Recovery Management Service **NOTE:** Customers who would like HP Services to configure the Recovery Management functionality between two HP Matrix Operating Environment environments can purchase this HP Service.	UK830E
	HP Matrix Operating Environment for ProLiant Installation and Startup Service **NOTE:** Installation and Start-up services are recommended for each HP SIM Central Management Server (CMS) where HP Matrix Operating Environment will be deployed. This service is to be utilized to deploy Matrix OE for virtual workloads only. **NOTE:** The HP Matrix Operating Environment for ProLiant Installation and Startup service does not include configuring of the HP Matrix Operating Environment recovery management. Customers who wish HP Services to configure HP Matrix Operating Environment recovery management will need to purchase separately the HP Matrix Operating Environment recovery management Installation and Startup service.	UF819E
	HP CloudSystem Matrix Conversion Services **NOTE:** This service is required for customers seeking support for physical work loads.	HA115A1-5P9
	HP Installation and Startup for Insight Control Software	UF369E
	HP Installation & Startup for Virtual Connect Enterprise Manager	UF816E
	HP Implementation Server Boot from SAN Service	UF820E
HP Education Services	HP BladeSystem Virtualization Tools using HP Matrix Operating Environment 4-day customer training course, see the course datasheet: http://h10076.www1.hp.com/education/datasheets/hg812s.pdf http://www.hp.com/education/courses/hg812s.html	HG812S
	Virtual Connect for BladeSystem (includes Virtual Connect Enterprise Manager segment) 2-day customer training course http://www.hp.com/education/courses/hf837s.html	HF837S
	HP Insight Software Curriculum http://www.hp.com/education/currpath/hp-proliant-essentials.html	

Technical Specifications

Supported hypervisors	Please see HP Insight Software support Matrix at: www.hp.com/go/moe
Managed servers	Please see HP Insight Software support Matrix at: www.hp.com/go/moe
Central Management Server (CMS) with HP Systems Insight Manager	Please see HP Insight Software support Matrix at: www.hp.com/go/moe
Other Hardware and Software Requirements and Options	Please see HP Insight Software support Matrix at: www.hp.com/go/moe

Other product information	Additional information is available on HP Matrix Operating Environment web page at: www.hp.com/go/matrixoe	
	HP CloudSystem Matrix	For more information on CloudSystem Matrix http://www.hp.com/go/matrix
	HP Insight Capacity Advisor Consolidation Software	For more information on HP Insight Capacity Advisor Consolidation Software http://www.hp.com/go/capad
	Virtual Connect Enterprise Manager	For more information on HP Virtual Connect Enterprise Manager visit: http://www.hp.com/go/vcem
	Virtual Connect	For more information on HP Virtual Connect visit: http://www.hp.com/go/bladesystem/virtualconnect
	HP Systems Insight Manager	For more information on HP Systems Insight Manager visit: http://www.hp.com/go/hpsim
	HP Insight Control	For more information on HP Insight Control visit: http://www.hp.com/go/insightcontrol
	HP Matrix Operating Environment for HP-UX	For more information on the HP Matrix Operating Environment for HP-UX visit: http://www.hp.com/go/vse
	HP Virtualization with VMware	For more information on HP Virtualization with VMware visit: http://www.hp.com/go/vmware

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.

Technical Specifications