

### Overview

HP supports, certifies, and sells VMware Virtualization software on HP ProLiant servers. VMware from HP provides a comprehensive suite of virtualization solutions designed expressly for mission-critical enterprise computing.

VMware Virtualization Software For HP ProLiant Servers includes a complete portfolio of VMware Infrastructure Software and HP Insight Control delivers essential server management tools for HP ProLiant. HP Insight Control delivers server deployment tools comprehensive server health, remote server management, and power management in one easy to install package for virtual and physical servers.

For information on VMware View please visit: [http://h18013.www1.hp.com/products/quickspecs/13154\\_na/13154\\_na.html](http://h18013.www1.hp.com/products/quickspecs/13154_na/13154_na.html)

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### What's New

- HP release of VMware Site Recovery Manager compatible with VMware vSphere 4
  - Select VMware vSphere products are now available with 3 year 9x5 unlimited technical support from HP and latest software updates from VMware
  - Promotional offer for VMware vSphere 4 and HP Insight Control bundle
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### At A Glance

- The VMware from HP portfolio includes all major VMware vSphere 4.0, next generation of products from VMware, components including VMware vSphere 4.0 software, VMware View, VMware vCenter products, Site Recovery Manager and Lab Manager software, and the most popular VMware stand alone and integrated virtualization software components.
- An integrated disaster recovery solution featuring VMware vCenter Site Recovery Manager (SRM) - software designed to automate the recovery process - and the remote replication of HP StorageWorks Continuous Access EVA with StorageWorks Enterprise Virtual Arrays.
- VMware from HP bundles 1-year 9x5 unlimited support and subscription services with most VMware SKUs, all for one price. Additional care pack services for longer term support are available as a separate purchase with each product.
- HP Insight Control is bundled with select VMware products thereby delivering an integrated approach for customers to manage both physical and virtual resources from a single management console. HP Insight Control is licensed per server. For more information on HP Insight Control visit: [www.hp.com/go/insightcontrol](http://www.hp.com/go/insightcontrol). An instance of vCenter Server is required for most VMware vSphere 4.0 Standard, Advanced, Enterprise or Enterprise Plus features.

### Product Features

#### Flexibility

- Customers can purchase VMware software directly from HP
- Customers may upgrade the standard 1-year 9x5 unlimited support and subscription service bundled with their VMware software to either 1-year 24x7 or 3-year 9x5 or 24x7 support, 4 and 5-year 9x5 and 24x7

#### Manageability

- HP Insight Control: essential ProLiant server management, includes proactive server health management, remote server management, power management and server deployment tools For more information, go to: [www.hp.com/go/insightcontrol](http://www.hp.com/go/insightcontrol)

#### Storage & Accessories

- Complete your HP SRM Solution with the HP StorageWorks Enterprise Virtual Array family - an enterprise-class array system designed to aggregate and automate storage management tasks with fewer resources and more storage capacity. In combination of HP StorageWorks Continuous Access unique remote replication technologies, you can ensure the protection of your stored data in the event of a disaster. For more information, and configuration details about HP storage for this SRM Solution, go to: [www.hp.com/go/storage/vmware](http://www.hp.com/go/storage/vmware).

#### HP ProLiant Server Support

- HP ProLiant server support software is available for download.
- The VMware HCL has been updated to include all certified HP ProLiant servers.

**NOTE:** For more information on HP's Certified and Supported ProLiant servers please visit the VMware Server Support Matrix at: [www.hp.com/go/ossupport](http://www.hp.com/go/ossupport)

#### HP Web Sites

- VMware from HP: <http://www.hp.com/go/vmware>
- Available from: <http://www.hp.com/go/vmware>:
  - HP & VMware white papers and planning tools
  - VMware online sizing tool
  - HP & VMware news and information
  - Download Software: [www.software.hp.com](http://www.software.hp.com)

#### Licensing

- Single license key for all the products that incorporates processor, number of cores per processor and components bundled together with the purchase of the product. For more information on VMware licensing visit <http://www.vmware.com>

#### Supported Media for ESXi 4

- Acquire your choice of HP supported and qualified media. Please note that all devices will need to be imaged for ESXi 3.x or 4.0
  - Any HP supported hard drive
  - HP supported flash devices are listed under USB and SD Options section below

#### Entitlement Mappings

- For complete details on upgrades and entitlements, visit: <http://www.vmware.com/go/vsphere> and review Upgrade Center

### Product Features

#### Downgrade information

- vSphere downgradeable to 3.x products. Downgrades and entitlements for valid subscriptions will be available in your profile in the VMware license portal. For more information on VMware vSphere visit: [www.vmware.com/go/vsphere](http://www.vmware.com/go/vsphere)
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#### Promotional Offer

- Upgrade promotional offers are for V13 customers only who have accepted their vSphere entitlements. Promotion valid through 12/15/2009.

### Supported Product

- VMware vSphere 4.0 software is supported and certified on a complete line of HP ProLiant Servers including BL, DL, and ML server series products
- VMware vCenter Server runs on any vSphere 4.0 or ESX supported ProLiant server
- VMware VMotion runs on any vSphere 4.0 or ESX supported ProLiant server
- Insight Control runs on any Windows platform supported by HP SIM 5.3.1 or greater
- Certified servers include select 100 series servers.

Product	Description
HP VMware ESXi 4.0	VMware ESXi 4.0 includes HP CIM Providers or management agents for ESXi. CIM Providers are downloadable as a bundle from <a href="http://www.hp.com/go/esxidownload">www.hp.com/go/esxidownload</a> . Standalone ESXi 4.0 is downloadable from <a href="http://www.software.hp.com">www.software.hp.com</a> .
VMware vSphere Essentials	Includes vCenter Server Essentials, ESXi/ESX Server 4.0 for 3 hosts, vCenter agents, 4-way vSMP and Update Manager. All components are licensed up to 3 hosts & 2CPU/host
VMware vSphere Essentials Plus	Includes all components of vSphere Essentials plus Data Recovery and High Availability. All components are licensed up to 3 hosts & 2CPU/host
VMware vSphere Standard	Includes ESXi/ESX Server 4.0, vCenter Agents, VUM and High Availability.
VMware vSphere Advanced	Includes all components of vSphere Standard plus VMotion, FT, vShield and Data Recovery.
VMware vSphere Enterprise	Includes all components of vSphere Advanced plus SVMotion, DRS and DPM.
VMware vSphere Enterprise Plus	Includes all components of vSphere Enterprise plus Host Profiles, Distributed virtual switch.
VMware vCenter Server	vCenter Server is virtual infrastructure management software providing a central and secure point of control for your virtual computing resources.
VMware View	The complete Virtual desktop infrastructure solution to enable VMware-based client virtualization. VMware View products do not support VMware vSphere. vSphere and VMware View customers will be able to download the latest VMware ESX 3.5 to work with their VMware View products. Review your entitlements and downgrade rights via the VMware license portal. Please visit the VMware View QuickSpecs: <a href="http://h18013.www1.hp.com/products/quickspecs/13154_na/13154_na.html">http://h18013.www1.hp.com/products/quickspecs/13154_na/13154_na.html</a>
VMware vCenter Lab Manager 4.0	VMware vCenter Lab Manager automates the setup, capture and sharing of multi-machine software configurations through rapid provisioning and image library management capabilities.
VMware vCenter Site Recovery Manager	VMware vCenter Site Recovery Manager makes disaster recovery rapid, reliable, and manageable by providing leading disaster recovery management and automation for virtualized environments.
VMware vCenter Server Heartbeat	VMware vCenter Server Heartbeat delivers the maximum uptime for your virtual datacenter infrastructure, ensuring seamless failover and failback of VMware vCenter Server.
Insight Control suites (ICE)	HP Insight Control delivers comprehensive system health, remote server management as well as flexible server deployment and power management in one easy to install package for a unified virtual and physical infrastructure. HP Insight Control provides comprehensive management for HP ProLiant and BladeSystem servers.

### Models

**NOTE:** VMware vSphere products from HP in this section include 1yr, 9x5 unlimited technical software support and updates, and are licensed for 1 processor, unless otherwise noted.

**HP VMware ESXi 4.0 Standalone License**

### Supported Product

HP VMware 4i Enterprise Plus 1P 571979-B21  
**NOTE:** Includes license for Enterprise product and HP CIM Providers. For details on purchasing storage media for installation - hard drive, USB key or SD media - review section above on supported media for ESXi 4.

#### Editions

HP VMware vSphere 4.0 Standard 1P 571772-B21  
**NOTE:** Supports max 6 cores/CPU.

HP VMware vSphere 4.0 Advanced 1P 571773-B21  
**NOTE:** Supports max 12 cores/CPU.

HP VMware vSphere 4.0 Standard + Data Recovery 1P 573209-B21  
**NOTE:** Supports max 6 cores/CPU.

HP VMware vSphere 4.0 Enterprise 1P 573210-B21  
**NOTE:** Supports max 6 cores/CPU.

HP VMware vSphere 4.0 Enterprise Plus 1P 571774-B21  
**NOTE:** Supports max 12 cores/CPU.

HP VMware vSphere 4.0 Essentials 571778-B21  
**NOTE:** The server hosts must be managed by the vCenter Server Essentials edition that is provided with this bundle, and that same vCenter Server Essentials edition cannot be used to manage other server hosts not included with this edition.

HP VMware vSphere 4.0 Essential Plus 571779-B21  
**NOTE:** The server hosts must be managed by the vCenter Server Essentials edition that is provided with this bundle, and that same vCenter Server Essentials edition cannot be used to manage other server hosts not included with this edition.

#### HP Insight Control Bundles

**NOTE:** HP Insight Control is licensed per server. Insight Control includes include one year of 24 x 7 technical support. [www.hp.com/go/insightcontrol](http://www.hp.com/go/insightcontrol). SMP is no longer part of bundle but available separately in required quantities.

HP VMware vSphere 4.0 Standard 1P Bundle + HP Insight Control 571775-B21  
**NOTE:** Supports max 6 cores/CPU.

HP VMware vSphere 4.0 Advanced 1P Bundle + HP Insight Control 571776-B21  
**NOTE:** Supports max 12 cores/CPU.

HP VMware vSphere 4.0 Standard 1P +DR Bundle + HP Insight Control 573211-B21  
**NOTE:** Supports max 6 cores/CPU.

HP VMware vSphere 4.0 Enterprise 1P Bundle + HP Insight Control 573212-B21  
**NOTE:** Supports max 6 cores/CPU.

HP VMware vSphere 4.0 Enterprise Plus 1P Bundle + HP Insight Control 571777-B21  
**NOTE:** Supports max 12 cores/CPU.

HP VMware vSphere 4.0 Essential Plus Bundle + HP Insight Control 573213-B21

#### Upgrades

HP VMware vSphere Standard 1P to Standard + DR 1P 577264-B21  
**NOTE:** Includes HP VMware vSphere Standard 1P to Standard + Data Recovery upgrade no media license.

HP VMware vSphere Standard +DR 1P to Advanced 1P 577265-B21  
**NOTE:** Includes HP VMware vSphere Standard + Data Recovery 1P to Advanced 1P upgrade no media license.

### Supported Product

HP VMware vSphere STD DR to Eplus 1P Upg Lic <b>NOTE:</b> Includes HP VMware vSphere Standard + Data Recovery 1P to Enterprise Plus upgrade no media license.	TB600A
HP VMware vSphere Essentials Bundle to Essentials Plus Bundle <b>NOTE:</b> Includes HP VMware vSphere Essentials to Essentials Plus upgrade no media license.	577266-B21
HP VMware vSphere 4.0 Standard 1P to Advanced 1P for Prev 3.5 Customer <b>NOTE:</b> Promotional offer for existing 3.5 Standard customers with current subscription. Offer valid through 12/15/2009. Original FAC with active subscription required. Validation will be performed at license portal.	573216-B21
HP VMware vSphere 4.0 Standard 1P to Advanced 1P <b>NOTE:</b> includes vSphere 4.0 Standard 1P to Advanced 1P SW upgrade license.	578608-B21
HP VMware vSphere 4.0 Standard 1P to Enterprise Plus 1P <b>NOTE:</b> Includes vSphere 4.0 Standard 1P to Enterprise Plus 1P SW upgrade license.	573217-B21
HP VMware vSphere 4.0 Advanced 1P to Enterprise Plus 1P <b>NOTE:</b> Includes vSphere 4.0 Advanced 1P to Enterprise Plus 1P SW upgrade license.	573218-B21
HP VMware vSphere 4.0 Enterprise 1P to Enterprise Plus 1P for Prev 3.5 Customer <b>NOTE:</b> Includes vSphere 4.0 Enterprise 1P to Enterprise Plus 1P SW upgrade <b>NOTE:</b> Promotional offer for existing 3.5 Standard customers with current subscription. Offer valid through 12/15/2009. Original FAC with active subscription required. Validation will be performed at license portal.	573219-B21
HP VMware vSphere 4.0 Enterprise 1P to Enterprise Plus 1P. <b>NOTE:</b> Includes vSphere 4.0 Enterprise 1P to Enterprise Plus 1P SW upgrade license.	578609-B21
<b>vCenter Server Products</b>	
HP VMware vCenter Server 4.0 Standard for vSphere	571780-B21
HP VMware vCenter Server 4.0 Foundation for vSphere	576261-B21
HP VMware vCenter Server Heartbeat	573214-B21
HP VMware vCenter Availability Acceleration Kit + HeartBeat	573215-B21
HP VMware vSphere vCenter Foundation to Standard <b>NOTE:</b> Includes HP VMware vCenter Server Foundation to Standard for vSphere upgrade no media license.	577263-B21
<b>Acceleration Kit</b>	
<b>NOTE:</b> Acceleration kits can be purchased one product (or kit) per customer site.	
HP VMware Advanced Acceleration Kit 6P <b>NOTE:</b> Promotional pricing offer valid through 12/15/2009.	575037-B21
HP VMware Enterprise Plus Acceleration Kit 6P <b>NOTE:</b> Promotional pricing offer valid through 12/15/2009.	575038-B21
HP VMware Enterprise Plus Acceleration Kit 8P <b>NOTE:</b> Promotional pricing offer valid through 12/15/2009.	575039-B21
<b>Management &amp; Automation</b>	
VMware vCenter Lab Manager 4.0 license 1P <b>NOTE:</b> Provides administrators, test engineers, or developers a view of the managed server pool with assessment of utilization, performance and activity. <b>NOTE:</b> VMware vCenter Lab Manager 4.0 is backwards compatible with VI3.5 as long as existing VI3.5 hosts are managed with vCenter 4.0.	577424-B21

### Supported Product

HP VMware vCenter Site Recovery Manager 4, No Media, 1P <b>NOTE:</b> Makes disaster recovery rapid, reliable and manageable by providing leading disaster recovery management and automation for virtualized environments. <b>NOTE:</b> Manage virtual machines running on ESX 3.x hosts and/or 4.0 hosts as long as they are managed with vCenter Server 4.0.	TB601A
HP VMware vCenter Site Recovery Manager Acceleration Kit for vSphere Enterprise Plus 6P <b>NOTE:</b> Includes vSphere Enterprise Plus for 6 processors, 1 vCenter Server Standard, and VMware vCenter Site Recovery Manager 4 for 6 processors.	TC298A
HP VMware vCenter Site Recovery Manager Expansion Pack for vSphere Enterprise Plus 1P <b>NOTE:</b> Includes vSphere 4 Enterprise Plus for 1 processor and vCenter Site Recovery Manager 4 for 1 processor.	TC299A
HP VMware vCenter Site Recovery Manager Acceleration kit for vSphere Advanced 6P <b>NOTE:</b> Includes vSphere 4 Advanced for 6 processors, 1 vCenter Server Standard and VMware vCenter Site Recovery Manager 4 for 6 processors.	TC300A
HP VMware vCenter Site Recovery Manager Expansion Pack for vSphere Advanced 1P <b>NOTE:</b> Includes vSphere 4 Advanced for 1 processor and vCenter Site Recovery Manager 4 for 1 processor. <b>NOTE:</b> VMware vSphere products from HP in this section include 3yr, 9x5 unlimited technical software support and updates, and is licensed for 1 processor, unless otherwise noted.	TC301A
HP VMware vSphere 4.0 Essentials <b>NOTE:</b> The server hosts must be managed by the vCenter Server Essentials edition that is provided with this bundle, and that same vCenter Server Essentials edition cannot be used to manage other server hosts not included with this edition.	TC303A
HP VMware vSphere 4.0 Essential Plus <b>NOTE:</b> The server hosts must be managed by the vCenter Server Essentials edition that is provided with this bundle, and that same vCenter Server Essentials edition cannot be used to manage other server hosts not included with this edition.	TC304A
HP VMware vSphere 4.0 Standard 1P <b>NOTE:</b> Supports max 6 cores/CPU.	TC305A
HP VMware vSphere 4.0 Advanced 1P <b>NOTE:</b> Supports max 12 cores/CPU.	TC306A
HP VMware vSphere 4.0 Standard + Data Recovery 1P <b>NOTE:</b> Supports max 6 cores/CPU.	TC307A
HP VMware vSphere 4.0 Enterprise Plus 1P <b>NOTE:</b> Supports max 12 cores/CPU.	TC308A
HP VMware Enterprise Plus Acceleration Kit 8P	TC309A
HP VMware vCenter Server 4.0 Standard for vSphere	TC311A
HP VMware vCenter Server 4.0 Foundation for vSphere	TC312A
<b>HP VMware for Matrix</b>	
VMware vSphere Enterprise Plus, 32 processor socket licenses, 1yr 24x7, no media <b>NOTE:</b> Includes VMware vSphere Enterprise license for 32 processors and 1 year 24x7 unlimited technical software support and updates.	TC289A

### Supported Product

VMware vSphere Enterprise Plus, 32 processor socket licenses, 3yr 24x7, no media  
**NOTE:** Includes VMware vSphere Enterprise license for 32 processors and 3 year 24x7 unlimited technical software support and updates.

TC290A

### Related Options

#### USB and SD Options

**NOTE:** HP supported blank SD Flash Device to be used with HP VMware ESXi. Flash media must be installed into the internal port of ProLiant Server. Refer to HP VMware Getting Started Guide for installation instructions.

HP 4GB SD Flash Media

580387-B21

#### Service and Support Offerings

(HP Care Pack Services)

##### HP VMware ESXi 4.0 Standalone License

**NOTE:** HP VMware ESXi 4.0 has optional technical software support and updates for all major and minor versions available from VMware. The following Service and Support upgrades are available.

HP 3-year 9x5 - Unlimited technical software support and updates	UR690E
HP 4-year 9x5 - Unlimited technical software support and updates	UR692E
HP 5-year 9x5 - Unlimited technical software support and updates	UR694E
HP 1-year 24x7 - Unlimited technical software support and updates	UR689E
HP 3-year 24x7 - Unlimited technical software support and updates	UR691E
HP 4-year 24x7 - Unlimited technical software support and updates	UR693E
HP 5-year 24x7 - Unlimited technical software support and updates	UR695E

##### Editions

##### HP VMware vSphere 4.0 Standard 1P

**NOTE:** HP VMware vSphere 4.0 Standard 1P software licenses include 1-year 9x5 unlimited technical software support and updates for all major and minor versions available from VMware. The following Service and Support upgrades are available.

HP 3-year 9x5 - Unlimited technical software support and updates	UR641E
HP 4-year 9x5 - Unlimited technical software support and updates	UR643E
HP 5-year 9x5 - Unlimited technical software support and updates	UR645E
HP 1-year 24x7 - Unlimited technical software support and updates	UR640E
HP 3-year 24x7 - Unlimited technical software support and updates	UR642E
HP 4-year 24x7 - Unlimited technical software support and updates	UR644E
HP 5-year 24x7 - Unlimited technical software support and updates	UR646E

##### HP VMware vSphere 4.0 Advanced 1P

**NOTE:** HP VMware vSphere 4.0 Advanced 1P software licenses include 1-year 9x5 unlimited technical software support and updates for all major and minor versions available from VMware. The following Service and Support upgrades are available.

HP 3-year 9x5 - Unlimited technical software support and updates	UR648E
HP 4-year 9x5 - Unlimited technical software support and updates	UR650E
HP 5-year 9x5 - Unlimited technical software support and updates	UR652E
HP 1-year 24x7 - Unlimited technical software support and updates	UR647E
HP 3-year 24x7 - Unlimited technical software support and updates	UR649E
HP 4-year 24x7 - Unlimited technical software support and updates	UR651E
HP 5-year 24x7 - Unlimited technical software support and updates	UR653E

##### HP VMware vSphere 4.0 Standard + Data Recovery 1P

### Related Options

**NOTE:** HP VMware vSphere 4.0 Standard + Data Recovery 1P software licenses include 1-year 9x5 unlimited technical software support and updates for all major and minor versions available from VMware. The following Service and Support upgrades are available.

HP 3-year 9x5 - Unlimited technical software support and updates	UR676E
HP 4-year 9x5 - Unlimited technical software support and updates	UR678E
HP 5-year 9x5 - Unlimited technical software support and updates	UR680E
HP 1-year 24x7 - Unlimited technical software support and updates	UR675E
HP 3-year 24x7 - Unlimited technical software support and updates	UR677E
HP 4-year 24x7 - Unlimited technical software support and updates	UR679E
HP 5-year 24x7 - Unlimited technical software support and updates	UR681E

#### HP VMware vSphere 4.0 Enterprise 1P

**NOTE:** HP VMware vSphere 4.0 Enterprise 1P software licenses include 1-year 9x5 unlimited technical software support and updates for all major and minor versions available from VMware. The following Service and Support upgrades are available.

HP 3-year 9x5 - Unlimited technical software support and updates	UR683E
HP 4-year 9x5 - Unlimited technical software support and updates	UR685E
HP 5-year 9x5 - Unlimited technical software support and updates	UR687E
HP 1-year 24x7 - Unlimited technical software support and updates	UR682E
HP 3-year 24x7 - Unlimited technical software support and updates	UR684E
HP 4-year 24x7 - Unlimited technical software support and updates	UR686E
HP 5-year 24x7 - Unlimited technical software support and updates	UR688E

#### HP VMware vSphere 4.0 Enterprise Plus 1P

HP 3-year 9x5 - Unlimited technical software support and updates	UR655E
HP 4-year 9x5 - Unlimited technical software support and updates	UR657E
HP 5-year 9x5 - Unlimited technical software support and updates	UR659E
HP 1-year 24x7 - Unlimited technical software support and updates	UR654E
HP 3-year 24x7 - Unlimited technical software support and updates	UR656E
HP 4-year 24x7 - Unlimited technical software support and updates	UR658E
HP 5-year 24x7 - Unlimited technical software support and updates	UR660E

#### HP VMware vSphere 4.0 Essentials

HP 3-year 9x5 - Unlimited technical software support and updates	UR662E
HP 4-year 9x5 - Unlimited technical software support and updates	UR664E
HP 5-year 9x5 - Unlimited technical software support and updates	UR666E
HP 1-year 24x7 - Unlimited technical software support and updates	UR661E
HP 3-year 24x7 - Unlimited technical software support and updates	UR663E
HP 4-year 24x7 - Unlimited technical software support and updates	UR665E
HP 5-year 24x7 - Unlimited technical software support and updates	UR667E

#### HP VMware vSphere 4.0 Essentials Plus

HP 3-year 9x5 - Unlimited technical software support and updates	UR669E
HP 4-year 9x5 - Unlimited technical software support and updates	UR671E
HP 5-year 9x5 - Unlimited technical software support and updates	UR673E

### Related Options

HP 1-year 24x7 - Unlimited technical software support and updates	UR668E
HP 3-year 24x7 - Unlimited technical software support and updates	UR670E
HP 4-year 24x7 - Unlimited technical software support and updates	UR672E
HP 5-year 24x7 - Unlimited technical software support and updates	UR674E
<b>HP Insight Control Bundles</b>	
<b>HP VMware vSphere 4.0 Standard 1P Bundle</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR697E
HP 4-year 9x5 - Unlimited technical software support and updates	UR699E
HP 5-year 9x5 - Unlimited technical software support and updates	UR701E
HP 1-year 24x7 - Unlimited technical software support and updates	UR696E
HP 3-year 24x7 - Unlimited technical software support and updates	UR698E
HP 4-year 24x7 - Unlimited technical software support and updates	UR700E
HP 5-year 24x7 - Unlimited technical software support and updates	UR702E
<b>HP VMware vSphere 4.0 Advanced 1P Bundle</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR704E
HP 4-year 9x5 - Unlimited technical software support and updates	UR706E
HP 5-year 9x5 - Unlimited technical software support and updates	UR708E
HP 1-year 24x7 - Unlimited technical software support and updates	UR703E
HP 3-year 24x7 - Unlimited technical software support and updates	UR705E
HP 4-year 24x7 - Unlimited technical software support and updates	UR707E
HP 5-year 24x7 - Unlimited technical software support and updates	UR709E
<b>HP VMware vSphere 4.0 Standard 1P +DR Bundle</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR718E
HP 4-year 9x5 - Unlimited technical software support and updates	UR720E
HP 5-year 9x5 - Unlimited technical software support and updates	UR722E
HP 1-year 24x7 - Unlimited technical software support and updates	UR717E
HP 3-year 24x7 - Unlimited technical software support and updates	UR719E
HP 4-year 24x7 - Unlimited technical software support and updates	UR721E
HP 5-year 24x7 - Unlimited technical software support and updates	UR723E
<b>HP VMware vSphere 4.0 Enterprise 1P Bundle</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR725E
HP 4-year 9x5 - Unlimited technical software support and updates	UR727E
HP 5-year 9x5 - Unlimited technical software support and updates	UR729E
HP 1-year 24x7 - Unlimited technical software support and updates	UR724E
HP 3-year 24x7 - Unlimited technical software support and updates	UR726E
HP 4-year 24x7 - Unlimited technical software support and updates	UR728E
HP 5-year 24x7 - Unlimited technical software support and updates	UR730E
<b>HP VMware vSphere 4.0 Enterprise Plus 1P Bundle</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR711E
HP 4-year 9x5 - Unlimited technical software support and updates	UR713E
HP 5-year 9x5 - Unlimited technical software support and updates	UR715E

### Related Options

HP 1-year 24x7 - Unlimited technical software support and updates	UR710E
HP 3-year 24x7 - Unlimited technical software support and updates	UR712E
HP 4-year 24x7 - Unlimited technical software support and updates	UR714E
HP 5-year 24x7 - Unlimited technical software support and updates	UR716E
<b>HP VMware vSphere 4.0 Essential Plus Bundle</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR732E
HP 4-year 9x5 - Unlimited technical software support and updates	UR734E
HP 5-year 9x5 - Unlimited technical software support and updates	UR736E
HP 1-year 24x7 - Unlimited technical software support and updates	UR731E
HP 3-year 24x7 - Unlimited technical software support and updates	UR733E
HP 4-year 24x7 - Unlimited technical software support and updates	UR735E
HP 5-year 24x7 - Unlimited technical software support and updates	UR737E
<b>HP VMware Upgrades</b>	
<b>HP VMware vSphere Essentials to Essentials Plus</b>	
<b>NOTE:</b> HP VMware vSphere Essentials to Essentials Plus for 3 hosts includes 1-year 9x5 unlimited technical software support and updates for all major and minor versions available from VMware. The following Service and Support Upgrades are available.	
HP 3-year 9x5 - Unlimited technical software support and updates	US371E
HP 4-year 9x5 - Unlimited technical software support and updates	US373E
HP 5-year 9x5 - Unlimited technical software support and updates	US375E
HP 1-year 24x7 - Unlimited technical software support and updates	US370E
HP 3-year 24x7 - Unlimited technical software support and updates	US372E
HP 4-year 24x7 - Unlimited technical software support and updates	US374E
HP 5-year 24x7 - Unlimited technical software support and updates	US376E
<b>HP VMware vSphere Standard 1P to Standard + DR 1P</b>	
<b>NOTE:</b> HP VMware vSphere Standard 1P to Standard + DR 1P includes 1-year 9x5 unlimited technical software support and updates for all major and minor versions available from VMware. The following Service and Support upgrades are available.	
HP 3-year 9x5 - Unlimited technical software support and updates	UQ651E
HP 4-year 9x5 - Unlimited technical software support and updates	US133E
HP 5-year 9x5 - Unlimited technical software support and updates	US361E
HP 1-year 24x7 - Unlimited technical software support and updates	UQ650E
HP 3-year 24x7 - Unlimited technical software support and updates	US132E
HP 4-year 24x7 - Unlimited technical software support and updates	US360E
HP 5-year 24x7 - Unlimited technical software support and updates	US362E
<b>HP VMware vSphere Standard + DR 1P to Advanced 1P</b>	
<b>NOTE:</b> HP VMware vSphere Standard + DR 1P to Advanced 1P includes 1-year 9x5 unlimited technical software support and updates for all major and minor versions available from VMware. The following Service and Support upgrades are available.	
HP 3-year 9x5 - Unlimited technical software support and updates	US364E
HP 4-year 9x5 - Unlimited technical software support and updates	US366E
HP 5-year 9x5 - Unlimited technical software support and updates	US368E

### Related Options

HP 1-year 24x7 - Unlimited technical software support and updates	US363E
HP 3-year 24x7 - Unlimited technical software support and updates	US365E
HP 4-year 24x7 - Unlimited technical software support and updates	US367E
HP 5-year 24x7 - Unlimited technical software support and updates	US369E
<b>HP VMware vSphere 4.0 Standard 1P to Advanced 1P for Previous Customer</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR739E
HP 4-year 9x5 - Unlimited technical software support and updates	UR741E
HP 5-year 9x5 - Unlimited technical software support and updates	UR743E
HP 1-year 24x7 - Unlimited technical software support and updates	UR738E
HP 3-year 24x7 - Unlimited technical software support and updates	UR740E
HP 4-year 24x7 - Unlimited technical software support and updates	UR742E
HP 5-year 24x7 - Unlimited technical software support and updates	UR744E
<b>HP VMware vSphere 4.0 Standard 1P to Advanced 1P</b>	
<b>NOTE:</b> HP VMware vSphere 4.0 Standard 1P to Advanced 1P includes 1- year 9x5 unlimited technical software support and updates for all major and minor versions available from VMware. The following Service and Support upgrades are available.	
HP 3-year 9x5 - Unlimited technical software support and updates	US378E
HP 4-year 9x5 - Unlimited technical software support and updates	US380E
HP 5-year 9x5 - Unlimited technical software support and updates	US382E
HP 1-year 24x7 - Unlimited technical software support and updates	US377E
HP 3-year 24x7 - Unlimited technical software support and updates	US379E
HP 4-year 24x7 - Unlimited technical software support and updates	US381E
HP 5-year 24x7 - Unlimited technical software support and updates	US383E
<b>HP VMware vSphere 4.0 Standard 1P to Enterprise Plus 1P</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR746E
HP 4-year 9x5 - Unlimited technical software support and updates	UR748E
HP 5-year 9x5 - Unlimited technical software support and updates	UR750E
HP 1-year 24x7 - Unlimited technical software support and updates	UR745E
HP 3-year 24x7 - Unlimited technical software support and updates	UR747E
HP 4-year 24x7 - Unlimited technical software support and updates	UR749E
HP 5-year 24x7 - Unlimited technical software support and updates	UR751E
<b>HP VMware vSphere 4.0 Standard + DR 1P to Enterprise Plus 1P</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	US394E
HP 4-year 9x5 - Unlimited technical software support and updates	US396E
HP 5-year 9x5 - Unlimited technical software support and updates	US398E
HP 1-year 24x7 - Unlimited technical software support and updates	US393E
HP 3-year 24x7 - Unlimited technical software support and updates	US395E
HP 4-year 24x7 - Unlimited technical software support and updates	US397E
HP 5-year 24x7 - Unlimited technical software support and updates	US399E
<b>HP VMware vSphere 4.0 Advanced 1P to Enterprise Plus 1P</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR753E
HP 4-year 9x5 - Unlimited technical software support and updates	UR755E

### Related Options

HP 5-year 9x5 - Unlimited technical software support and updates	UR757E
HP 1-year 24x7 - Unlimited technical software support and updates	UR752E
HP 3-year 24x7 - Unlimited technical software support and updates	UR754E
HP 4-year 24x7 - Unlimited technical software support and updates	UR756E
HP 5-year 24x7 - Unlimited technical software support and updates	UR758E
<b>HP VMware vSphere 4.0 Enterprise 1P to Enterprise Plus 1P for Previous Customer</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR760E
HP 4-year 9x5 - Unlimited technical software support and updates	UR762E
HP 5-year 9x5 - Unlimited technical software support and updates	UR764E
HP 1-year 24x7 - Unlimited technical software support and updates	UR759E
HP 3-year 24x7 - Unlimited technical software support and updates	UR761E
HP 4-year 24x7 - Unlimited technical software support and updates	UR763E
HP 5-year 24x7 - Unlimited technical software support and updates	UR765E
<b>HP VMware vSphere 4.0 Enterprise 1P to Enterprise Plus 1P</b>	
<b>NOTE:</b> HP VMware vSphere 4.0 Enterprise 1P to Enterprise Plus 1P software licenses include 1-year 9x5 unlimited technical software support and upgrades for all major and minor versions available from VMware. The following Service and Support upgrades are available.	
HP 3-year 9x5 - Unlimited technical software support and updates	US385E
HP 4-year 9x5 - Unlimited technical software support and updates	US387E
HP 5-year 9x5 - Unlimited technical software support and updates	US389E
HP 1-year 24x7 - Unlimited technical software support and updates	US384E
HP 3-year 24x7 - Unlimited technical software support and updates	US386E
HP 4-year 24x7 - Unlimited technical software support and updates	US388E
HP 5-year 24x7 - Unlimited technical software support and updates	US390E
<b>vCenter</b>	
<b>HP VMware vSphere 4.0 Heartbeat</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR767E
HP 4-year 9x5 - Unlimited technical software support and updates	UR769E
HP 5-year 9x5 - Unlimited technical software support and updates	UR771E
HP 1-year 24x7 - Unlimited technical software support and updates	UR766E
HP 3-year 24x7 - Unlimited technical software support and updates	UR768E
HP 4-year 24x7 - Unlimited technical software support and updates	UR770E
HP 5-year 24x7 - Unlimited technical software support and updates	UR772E
<b>HP VMware vSphere 4.0 Availability Acceleration Kit + HeartBeat</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	UR774E
HP 4-year 9x5 - Unlimited technical software support and updates	UR776E
HP 5-year 9x5 - Unlimited technical software support and updates	UR778E
HP 1-year 24x7 - Unlimited technical software support and updates	UR773E
HP 3-year 24x7 - Unlimited technical software support and updates	UR775E
HP 4-year 24x7 - Unlimited technical software support and updates	UR777E
HP 5-year 24x7 - Unlimited technical software support and updates	UR779E

### Related Options

#### HP VMware vCenter Server 4.0 Standard for vSphere

HP 3-year 9x5 - Unlimited technical software support and updates	UR781E
HP 4-year 9x5 - Unlimited technical software support and updates	UR783E
HP 5-year 9x5 - Unlimited technical software support and updates	UR785E
HP 1-year 24x7 - Unlimited technical software support and updates	UR780E
HP 3-year 24x7 - Unlimited technical software support and updates	UR782E
HP 4-year 24x7 - Unlimited technical software support and updates	UR784E
HP 5-year 24x7 - Unlimited technical software support and updates	UR786E

#### HP VMware vCenter Foundation to Standard for vSphere

**NOTE:** HP VMware vCenter Foundation to Standard for vSphere includes 1-year 9x5 unlimited technical software support and updates for all major and minor versions available from VMware. The following Service and Support upgrades are available.

HP 3-year 9x5 - Unlimited technical software support and updates	UQ644E
HP 4-year 9x5 - Unlimited technical software support and updates	UQ646E
HP 5-year 9x5 - Unlimited technical software support and updates	UQ648E
HP 1-year 24x7 - Unlimited technical software support and updates	UQ643E
HP 3-year 24x7 - Unlimited technical software support and updates	UQ645E
HP 4-year 24x7 - Unlimited technical software support and updates	UQ647E
HP 5-year 24x7 - Unlimited technical software support and updates	UQ649E

#### Acceleration Kit

##### HP VMware Advanced Acceleration Kit 6P

HP 3-year 9x5 - Unlimited technical software support and updates	UR788E
HP 4-year 9x5 - Unlimited technical software support and updates	UR790E
HP 5-year 9x5 - Unlimited technical software support and updates	UR792E
HP 1-year 24x7 - Unlimited technical software support and updates	UR787E
HP 3-year 24x7 - Unlimited technical software support and updates	UR789E
HP 4-year 24x7 - Unlimited technical software support and updates	UR791E
HP 5-year 24x7 - Unlimited technical software support and updates	UR793E

##### HP VMware Enterprise Plus Acceleration Kit 6P

HP 3-year 9x5 - Unlimited technical software support and updates	UR795E
HP 4-year 9x5 - Unlimited technical software support and updates	UR797E
HP 5-year 9x5 - Unlimited technical software support and updates	UR799E
HP 1-year 24x7 - Unlimited technical software support and updates	UR794E
HP 3-year 24x7 - Unlimited technical software support and updates	UR796E
HP 4-year 24x7 - Unlimited technical software support and updates	UR798E
HP 5-year 24x7 - Unlimited technical software support and updates	UR800E

##### HP VMware Enterprise Plus Acceleration Kit 8P

HP 3-year 9x5 - Unlimited technical software support and updates	UR802E
HP 4-year 9x5 - Unlimited technical software support and updates	UR804E
HP 5-year 9x5 - Unlimited technical software support and updates	UR806E
HP 1-year 24x7 - Unlimited technical software support and updates	UR801E
HP 3-year 24x7 - Unlimited technical software support and updates	UR803E

### Related Options

HP 4-year 24x7 - Unlimited technical software support and updates	UR805E
HP 5-year 24x7 - Unlimited technical software support and updates	UR807E
<b>Stand Alone License</b>	
<b>Management &amp; Automation</b>	
<b>VMware vCenter Lab Manager 4.0</b>	
<b>NOTE:</b> VMware vCenter Lab Manager license includes 1-year 9x5 unlimited technical software support and updates for all major and minor versions available from VMware. The following SnS upgrades are available.	
HP 3-year 9x5 - Unlimited technical software support and updates	UQ622E
HP 4-year 9x5 - Unlimited technical software support and updates	UQ624E
HP 5-year 9x5 - Unlimited technical software support and updates	UQ626E
HP 1-year 24x7 - Unlimited technical software support and updates	UQ621E
HP 3-year 24x7 - Unlimited technical software support and updates	UQ623E
HP 4-year 24x7 - Unlimited technical software support and updates	UQ625E
HP 5-year 24x7 - Unlimited technical software support and updates	UQ627E
<b>VMware vCenter Site Recovery Manager 4</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	US401E
HP 4-year 9x5 - Unlimited technical software support and updates	US403E
HP 5-year 9x5 - Unlimited technical software support and updates	US405E
HP 1-year 24x7 - Unlimited technical software support and updates	US400E
HP 3-year 24x7 - Unlimited technical software support and updates	US402E
HP 4-year 24x7 - Unlimited technical software support and updates	US404E
HP 5-year 24x7 - Unlimited technical software support and updates	US406E
<b>HP VMware vCenter Site Recovery Manager Acceleration Kit for vSphere Enterprise Plus 6P</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	US418E
HP 4-year 9x5 - Unlimited technical software support and updates	US420E
HP 5-year 9x5 - Unlimited technical software support and updates	US422E
HP 1-year 24x7 - Unlimited technical software support and updates	US417E
HP 3-year 24x7 - Unlimited technical software support and updates	US419E
HP 4-year 24x7 - Unlimited technical software support and updates	US421E
HP 5-year 24x7 - Unlimited technical software support and updates	US422E
<b>HP VMware vCenter Site Recovery Manager Expansion Pack for vSphere Enterprise Plus 1P</b>	
HP 3-year 9x5 - Unlimited technical software support and updates	US425E
HP 4-year 9x5 - Unlimited technical software support and updates	US427E
HP 5-year 9x5 - Unlimited technical software support and updates	US429E
HP 1-year 24x7 - Unlimited technical software support and updates	US424E
HP 3-year 24x7 - Unlimited technical software support and updates	US426E
HP 4-year 24x7 - Unlimited technical software support and updates	US428E
HP 5-year 24x7 - Unlimited technical software support and updates	US430E

### Related Options

**HP VMware vCenter Site Recovery Manager Acceleration kit for vSphere Advanced  
6P**

HP 3-year 9x5 - Unlimited technical software support and updates	US432E
HP 4-year 9x5 - Unlimited technical software support and updates	US434E
HP 5-year 9x5 - Unlimited technical software support and updates	US436E
HP 1-year 24x7 - Unlimited technical software support and updates	US431E
HP 3-year 24x7 - Unlimited technical software support and updates	US433E
HP 4-year 24x7 - Unlimited technical software support and updates	US435E
HP 5-year 24x7 - Unlimited technical software support and updates	US437E

**HP VMware vCenter Site Recovery Manager Expansion Pack for vSphere Advanced  
1P**

HP 3-year 9x5 - Unlimited technical software support and updates	US439E
HP 4-year 9x5 - Unlimited technical software support and updates	US441E
HP 5-year 9x5 - Unlimited technical software support and updates	US443E
HP 1-year 24x7 - Unlimited technical software support and updates	US438E
HP 3-year 24x7 - Unlimited technical software support and updates	US440E
HP 4-year 24x7 - Unlimited technical software support and updates	US442E
HP 5-year 24x7 - Unlimited technical software support and updates	US444E

### Technical Specifications

Weight & Dimensions	Dimensions	8.75 x 9.75 x 2.25 in (22.23 x 24.77 x 5.72 cm)
	Volume	.111
	Gross Weight (lbs)	.700 lbs (.317 kg)

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: <a href="http://www.hp.com/go/green">http://www.hp.com/go/green</a> . To recycle your product, please go to: <a href="http://www.hp.com/go/green">http://www.hp.com/go/green</a> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.
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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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