

VMware vSphere 4 Essentials Editions

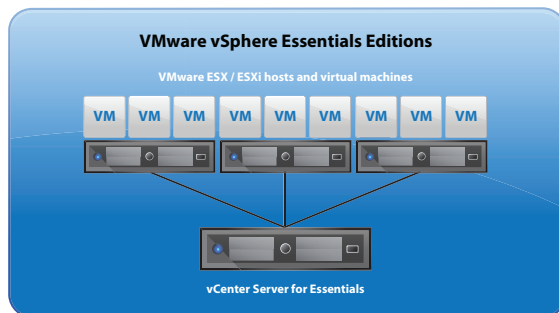
Cost-Effective Virtualization for Small Businesses and Branch Offices

AT A GLANCE

Designed especially for small IT environments with fewer than 20 physical servers, the Essentials and Essentials Plus editions of VMware vSphere™ 4 deliver enterprise-class capabilities in a cost-effective package for organizations that want to optimize and protect their IT assets with minimal up-front investment.

BENEFITS

- Reduce IT hardware and operating costs.
- Simplify management and boost IT staff productivity.
- Ensure business continuity, delivering Always On IT.
- Improve service levels and application quality.
- Strengthen security and data protection.



VMware vSphere Essentials editions are all-inclusive packages that enable you to virtualize and consolidate many application workloads onto three physical servers running vSphere and centrally manage them with VMware vCenter™ Server for Essentials.



VMware vSphere Essentials editions

What is VMware vSphere Essentials?

By adopting VMware vSphere Essentials, customers can use server, network and storage resources dynamically and more effectively, as a single pool or “internal cloud” to protect business-critical applications and data. The result is an Always On IT environment that is more cost-effective, resilient and responsive to business needs.

Customers use VMware vSphere Essentials to:

- **Contain and consolidate server hardware.**
Achieve consolidation ratios of well over 15:1, and improve hardware utilization from 5-15 percent to as much as 80 percent or more—without sacrificing application performance or throughput.
- **Maximize application availability and protect information assets.**
Ensure “always on” continuity of IT operations with the rock-solid reliability of VMware ESX™ and ESXi™, along with integrated backup, recovery and failover features.
- **Streamline management and enhance productivity.**
Provision new applications in minutes instead of days or weeks, monitor virtual machine performance, and automate patch and update management.
- **Optimize software testing and development.**
Safely test complex multitier configurations in a secure, isolated sandbox environment while allowing test and development teams to share server, network and storage infrastructure

What are the Key Components of VMware vSphere Essentials Editions?

- **VMware ESX and VMware ESXi** provide a robust, production-proven, high performance virtualization layer that allows multiple virtual machines to share the computing, networking and storage resources of a single physical server.
- **VMware vCenter™ Server for Essentials** provides rapid provisioning, centralized management and performance monitoring, with physical-to-virtual (P2V) machine conversion, wizard-based deployment and a host of other features.
- **VMware High Availability (HA)** provides hardware-independent failover for virtual machines on VMware ESX hosts without the cost or complexity of traditional solutions for physical systems.
- **VMware Data Recovery** provides simple, cost effective, agentless backup and recovery for virtual machines that optimizes backup storage usage and complements existing data protection solutions for backup and archival to tape.

- **VMware vCenter Update Manager** provides automated patch and update management for VMware ESX hosts, as well as for virtual machines running select versions of Windows and Linux.

How Can I purchase VMware vSphere Essentials?

Small businesses

VMware offers two all-inclusive packages that enable you to virtualize and consolidate many application workloads onto three physical servers (up to two processors each) running VMware vSphere, and centrally manage them with VMware vCenter Server for Essentials. VMware vSphere Essentials includes a 1-year license subscription with optional support available on a per-incident basis. Support and Subscription (SnS) offerings are sold separately (minimum 1 year required).

For enterprises (10 or more retail stores or branch offices)

VMware offers two similar all-inclusive packages that enable virtualization of applications onto three physical hosts per site (up to two processors each). Both editions include VMware vCenter Server for Essentials and can also be managed by VMware vCenter Server Standard (purchased separately). Several Support and Subscription (SnS) offerings are available for purchase, and at least one year of SnS is required for both editions. A minimum initial order quantity of 10 packages is required to be eligible for these special "ROBO" editions.

VMWARE VSPHERE ESSENTIALS EDITIONS		
FEATURE/ COMPONENT	ESSENTIALS	ESSENTIALS PLUS
	Cost-Effective Virtualization with Centralized Management	A Complete Availability and Data Protection Solution
VMware ESX or ESXi	✓	✓
VMware Virtual SMP	4-way	4-way
VMware vCenter Agent	✓	✓
VMware vCenter Server for Essentials	✓	✓
VMware vCenter Update Manager	✓	✓
VMware HA	—	✓
VMware Data Recovery	—	✓

Key Features of VMware vSphere Essentials Editions?

High-Performance Server Virtualization

- Record-breaking performance for resource-intensive workloads.

- Configure virtual machines with up to four virtual CPUs each.
- Support for 64-bit server hardware with up to 256GB of physical RAM.

Integrated High Availability and Data Protection

- Hardware-independent virtual machine failover with VMware HA.
- NIC teaming and HBA multipathing to protect against hardware failures.
- Efficient, integrated backup and restore with VMware Data Recovery.
- Support for all major third-party backup solutions.

Centralized Management Capabilities

- Rapid wizard-based provisioning and virtual machine templates.
- Automated patch management with VMware vCenter Update Manager.
- Operational automation with task scheduling and alerts.
- Integrated physical-to-virtual machine conversion capabilities.

Security and Control

- VMware VMsafe™ security APIs for third-party security products.
- Role-based access control and integration with Microsoft Active Directory.
- SSL encryption for secure remote access to VMware ESX and ESXi hosts.

Broad Hardware and Software Interoperability

- Compatibility with the widest range of server hardware in the industry.
- Certified support for SATA, NAS, iSCSI and Fibre Channel storage equipment.
- Support for broadest range of 32- and 64-bit x86 server operating systems.
- Ability to run any standard software application without modification.

Find Out More

For information or to purchase VMware products, call 1-877-4VMWARE (outside of North America dial +1-650-427-5000), visit www.vmware.com/products, or search online for an authorized reseller. For detailed product specifications and systems requirements, please refer to the VMware vSphere Essentials install and configure guide.

