AT A GLANCE

VMware® vCenter™ Server Heartbeat™ provides high availability for VMware vCenter Server, protecting virtual infrastructure from planned and unplanned downtime.

KEY BENEFITS

• Protect vCenter Server against all types of planned and unplanned downtime—hardware, operating system, application or network-related issues.
• Proactively monitor all vCenter Server components to avoid outages.
• Ensure seamless failover and failback of vCenter Server.

What Is VMware vCenter Server Heartbeat?

VMware vCenter Server Heartbeat protects vCenter Server against outages—from application, operating system, hardware and network failures to external events—regardless of whether vCenter Server is deployed on a physical or virtual machine.

By ensuring the highest availability of vCenter Server centralized management, vCenter Server Heartbeat delivers maximum protection for the delivery of virtualization services.

How Does vCenter Server Heartbeat Work?

Proactive monitoring – vCenter Server Heartbeat uses predictive technology to continuously monitor the health of the entire vCenter Server architecture. Monitoring can easily be extended to plug-ins for vCenter Server.

Automated standby management – vCenter Server Heartbeat continuously replicates information from vCenter Server to a passive standby server for rapid and complete recovery.

Easy infrastructure maintenance – Standby servers enable vCenter Server Heartbeat to provide a maintenance mode capability at the click of a button for planned downtime. Failover and failback are also easy to automate according to predefined criteria.

How Is vCenter Server Heartbeat Used?

With more and more enterprises deploying mission-critical workloads on VMware vSphere®, enterprises need a comprehensive, easy-to-implement and easy-to-use mechanism for monitoring, replicating and protecting vCenter Server. By maintaining high availability for vCenter Server, the vCenter Server Heartbeat software ensures that businesses and end users have continuous access to important functions in their virtual infrastructure.

vCenter Server Heartbeat extends the capabilities of VMware vSphere High Availability (HA), adding protection against failure of software, the network or the entire site. vCenter Server Heartbeat is easy to install and configure. The software has no hardware configuration dependencies and automatically detects standard vCenter Server components upon installation for instant monitoring and protection.
Key Features

**Proactive monitoring and protection for vCenter Server** – vCenter Server Heartbeat monitors availability of the vCenter Server architecture while enabling restart or restoration of individual services.

**Real-time replication** – vCenter Server Heartbeat provides lossless recovery from outages. It uses data replication to apply changes in real time, keeping the passive server up to date.

**LAN or WAN failover capability** – The software can protect vCenter Server against both local and site outages. Smart bandwidth compression and “split-brain” avoidance technology facilitate WAN failovers.

**Easy-to-use interface** – An intuitive Web interface in vCenter Server Heartbeat makes it easy to manage multiple instances of the software.

Find Out More

For information or to purchase VMware products, call 877-4-VMWARE, visit [http://www.vmware.com/products](http://www.vmware.com/products), or search online for an authorized reseller. For detailed product specifications and system requirements, refer to the product documentation.