

OceanStor VIS6000 Virtual Storage System



OceanStor VIS6000

Huawei OceanStor VIS6000 series virtual intelligent storage system is an industry-leading virtual storage product. It satisfies customers' requirements for heterogeneous storage consolidation and hierarchical disaster recovery. As a secure and open storage system with high reliability and performance, the VIS6000 provides unified management, data migration, and multi-level data protection for heterogeneous environments.

Highlights

Powerful Virtualization Capability

- Resource consolidation across heterogeneous disk arrays
With a virtualized architecture on the network layer, the VIS6000 integrates storage devices of different brands and models into one storage pool. So the customer uses the logical storage resources provided by the VIS6000 and does not need to care about details on the back-end storage devices.
- Seamless integration of FC and IP networks
The VIS6000 provides FC and iSCSI connectivity
- Resource allocation on demand
The VIS6000 allows applications to provide the user with a virtual capacity that is larger than the actual capacity allocated by the storage system. This optimizes the utilization of storage space and simplifies resource allocation, thus reducing the total cost of ownership.

Perfect Data Protection Capability

- Mirroring
Supporting disaster recovery (DR) between heterogeneous disk arrays through mirroring, the VIS6000 guarantees business continuity and provides highly reliable DR solutions.
- Replication
Remote DR policies, enable the user to implement unified deployment and management of multi-service DR applications at different levels. The I/O-specific data replication technology eliminates data loss.

Advanced Architecture Design

- High performance
The VIS6000 allows a maximum of eight nodes to work in active-active mode.
One node has a maximum of 12 ports for connections.
The performance increases linearly with the number of nodes.
- Excellent reliability
Full hardware redundancy eliminates the impact of single points of failure and ensures 7 x 24 device running.
The advanced active-active cluster technology realizes multipath load balancing and failover and frees the system from interruptions.

Easy System Management

- Device management
The network management system monitors the device running state in real time, and the full-dimensional fault diagnosis mechanism greatly simplifies the management.
- Resource management
Friendly graphical user interfaces simplify planning and scheduling of heterogeneous storage resources, level up the management efficiency, and optimize resource utilization.
- DR management
The customizable DR solution provides multiple DR management services, such as DR tests, drilling, maintenance, and evaluation.

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Technical Specifications

Model	VIS6300	VIS6600
Hardware Specifications		
Architecture	Multi-node cluster with load balancing Active-active	
Number of nodes	2(standard), 8(maximum)	
Processors per node	64bit Multi-core CPU	
Cache per node	8GB(standard)	8GB(standard), 32GB (maximum)
Service ports per node	Supports a maximum of 8 x 8Gbps FC interfaces and 4 x 1Gbps IP interfaces	
Software Features		
Basic features	Storage virtualization Multipath load balancing and failover Multi-node cluster	
Value-added features	Heterogeneous volume mirroring Data consistency agent Data replication	
Storage compatibility	Huawei OceanStor series IBM System Storage DS series, TotalStorage DS series, FAS series HP StorageWorks MSA series, EVA series, XP series EMC CLARiiON CX series, Symmetrix DMX series Fujitsu ETERNUS 2000 series Hitachi AMS/WMS series, Lightning series, Thunder series, USP/NSC series SUN StorageTek series	
multipathing software	UltraPath (for Windows/Linux/AIX), STMS (Solaris), PV-Links (HP-UX), VxDMP (All OS)	
Host compatibility	Windows, Linux, Solaris, HP-UX, AIX, VMware, Hyper-V, Citrix XenServer	
Management Features		
Management interface	Graphical user interface and service configuration wizards	
Alarm management	Alarm notification through the network management interface, indicator, buzzer, email, short message, and SNMP	
Remote management	SSH login, remote Web login, and modem dial-up connection	
Physical Specifications		
Power supply	AC: 200V ~ 240V(50/60Hz)≤480W DC: -48V ~ -60V ≤480W	AC: 200V ~ 240V(50/60Hz) ≤680W DC: -48V ~ -60V ≤680W
Power consumption	≤480W	≤680W
Dimensions (H%W%D)	175mm%446mm%600mm	
Weight	42kg	46kg
Operating temperature	5°C ~ 40°C	
Operating humidity	20% ~ 80%(non-condensing)	

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HUAWEI TECHNOLOGIES CO., LTD.

Huawei Industrial Base
Bantian Longgang
Shenzhen 518129, P.R. China
Tel: +86-755-28780808

www.huawei.com