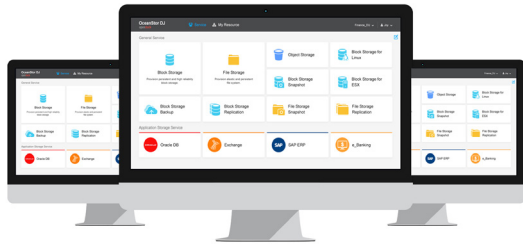


OceanStor DJ – Service-Driven Storage Control Software



OceanStor DJ is service-driven storage control software, supporting unified management of storage resources, flexible orchestration of service catalogs, and automatic deployment of storage and data applications to improve operation efficiency of data centers.

Applicable Scenarios

OceanStor DJ can be deployed independently to function as a storage virtualization platform, which supports unified management of storage devices, and automatic allocation and protection of storage resources. It can also be integrated with a cloud data center, to function as enhanced components of storage virtualization and servitization. DJ can work with Huawei and third-party O&M platforms to support automatic storage resource management, allocation and protection, helping the data center provide automatic end-to-end services and improve operation efficiency.

Value of Product Features

Storage Resource Virtualization

- **Open architecture:** Provides open interfaces that allow customers to choose hardware from any storage vendors, preventing vendor lock-in; delivers an OpenStack based architecture that accelerates the shift to cloud data centers from traditional data centers, maximizing the return on investment (RIO).
- **Unified management of storage resources:** Consolidates heterogeneous hardware at the underlying layer and provides a unified management interface for users to centrally manage SAN and NAS storage; manages data protection applications and storage applications in a unified manner.
- **Resource pooling:** Consolidates storage resources into a unified storage pool based on resource capabilities and allocates resources on demand, improving the resource utilization rate to 70%+.

Automatic Service Deployment

- **Service-driven:** Provides workload-driven storage services and intelligent matching of optimal storage resources, enabling users without storage expertise to easily obtain storage resources on demand.
- **Flexible service orchestration:** Supports flexible service orchestration and extensive service catalogs.
- **Minute-level service rollout:** Offers self-help service application and automated deployments, reducing the time required from days and weeks to minutes.

Data Application Servitization

- **Free selection of data applications:** Data protection based on Huawei and third-party backup software.

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Technical Specifications

Category	Item	Basic Version	Advanced Version
Storage resource virtualization	Manageable block storages	Huawei: OceanStor T series storage, OceanStor V3 series storage, and FusionStorage distributed block storage	Huawei: OceanStor T series storage, OceanStor V3 series storage, and FusionStorage distributed block storage EMC: VNX 5200/5400/5600/5800/7600/7800. VNXe e3100/e3300 HP: 3PAR 7000/8000 HDS: HUS VM
	Manageable file storages	Huawei: OceanStor V3 series of unified storage, OceanStor 9000 series of distributed file storage	
	Storage device management scale	Single-node deployment: ≤ 128 Triple-node deployment (HA): ≤ 500	
	Manageable host types	SUSE Linux	
	Manageable FC switches	Brocade, CISCO	
	Self-defined virtual storage resource pools	Supported	
	SLA setting	Supported	
Service deployment automation	Block storage service	Volume creation, mounting, deletion, expansion, and information query	
	File storage service	Creation of CIFS and NFS file sharing, deletion of sharing, and query of shared information	
	Replication service	NA	Supporting creation of volumes with the replication capability, and creation of replication for existing volumes
	New service orchestration based on service requirements	NA	Supported
Data application servitization	Backup service	NA	Supporting creation of volumes with the periodical backup capability
	Supported backup software	NA	Huawei eBackup, Eisoo AnyBackup, IBM TSM
Management server specifications	Operating system	SUSE Linux 11 SP3 x86_64	
	CPU	Minimum configuration: 64-bit x86 Intel E5-2640 (4-core, 2.00 GHz)*2 Recommended configuration: 64-bit x86 Intel E5-2640 (8-core, 2.00 GHz)*2	
	Memory	Minimum configuration: 16 GB memory Recommended configuration: 32 GB memory	
	Idle disk capacity	Minimum configuration: 100 GB Recommended configuration: 500 GB	
	Network bandwidth management	Lowest bandwidth: 2 Mb/s Standard bandwidth: 10 Mb/s	
Browser specifications	Browser	Internet Explorer, Google Chrome, Firefox	

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