

Advanced Data Transfer Services for Oracle ZFS Appliance

ORACLE® Advanced Customer Services

SAFELY TRANSFER DATA WITH THE RIGHTS TOOLS AND EXPERTISE

KEY FEATURES

- Complete Data Transfer service from legacy storage arrays to new Oracle ZFS Storage Appliance technology
- Scoping, planning, implementation and test, system handover, and specialized project management across all phases
- Enables large-scale data transfers to assist customers with timely decommissioning of legacy NAS. Logical Unit Number (LUN) data can also be transferred if shared over Network File System (NFS)
- Designed to move legacy storage to Oracle ZFS Storage Appliance and can be leverage to move competitor- based legacy storage data to Oracle ZFS Storage Appliance
- Delivered by Oracle storage engineers using proven methodologies and recommended practices

Data center changes often require transferring data from existing legacy storage to new technology. Regardless of the amount of data involved, moving data can be a complex and challenging undertaking. Oracle Advanced Customer Services has the skilled engineers and methodologies to minimize risk in data transfer, ensure timely completion, and high application availability throughout the process.

Oracle Advanced Customer Services delivers a data transfer service to transfer file-based data from legacy Network Attached Storage (NAS) storage to Oracle ZFS Storage Appliance. Using the shadow migration tool enables Oracle to shorten time to deployment and enhance new storage availability.

Maximize Availability and Reliability with Oracle Knowledge and Skills

To avoid risk implementation delays that can affect your business users and project timelines, Oracle Advanced Customer Services provides tailored services to shorten time to deployment. Oracle's highly trained Advanced Support Engineers apply recommended practices, tools, and standardized data transfer methodologies to transfer large amounts of file-based data to new Oracle ZFS Storage Appliance technology.

Data Transfer

Oracle Advanced Customer Services offers tailored services designed to transfer data from legacy storage systems to new Oracle ZFS Storage Appliance technology. This can enable customers to move file system data from NAS and other legacy NAS file-based storage to Oracle ZFS Storage Appliance. This service is not restricted to quantity of data to be transferred. The amount of data to be transferred and network speed will determine time and associated costs.

TAILORED DATA TRANSFER ACTIVITIES MAY INCLUDE

Kickoff

Kickoff and planning meeting with service delivery management.

Initial Customer Workshop

Conduct a data transfer workshop to review requirements and plan the data transfer.
Identify current storage environment and file systems.
Define future storage environment based on source file systems.

KEY BENEFITS

- Peace of mind. Oracle storage engineers will work with you to take the risk out of data transfer
- Safer data transfer project. Mitigate the risk of data loss or corruption
- Minimize downtime using shadow migration
- Faster data transfers save time and money to get it done right the first time
- Maximize return on investment of your ZFS technology by reducing time to deploy new storage into production

SERVICES COVER THE FOLLOWING TECHNOLOGIES

- Oracle ZFS Storage Appliance
- Oracle ZFS Backup Appliance
- Oracle ZFS Storage Appliance Software

Data Transfer Planning

Create data transfer plan using shadow migration.

Data Transfer

Run prevalidation test. Setup data transfer environment. Perform and monitor data transfer. Verify data transfer completion for successful results.

Data Transfer Validation

Run post validation test. Create report on data transfer statistics and communicate project information. Customers will receive the documentation set during final review and handover. Service closure meeting.





Restrictions on shadow source:

- In order to properly migrate data, the source file system or directory must be "read-only".
- Shadow migration supports migration only from NFS sources. NFSv4 shares will yield the best results. NFSv2 and NFSv3 migration are possible, but ACLs will be lost in the process and files that are too large for NFSv2 cannot be migrated using that protocol. Migration from SMB sources is not supported.
- Shadow migration of LUNs is not supported for LUN to LUN data transfer. LUN data can be transferred if they are exported and shared over NFS.

**CONTACT US**

For more information about Data Transfer Services for Oracle ZFS Storage Appliance, visit oracle.com/acs, email us at acs_ww@oracle.com, or call +1.800.ORACLE1 to speak to an Oracle representative.

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