DSI Restore on IBM Power Virtual Server

DSI Restore is a deduplicating backup and recovery virtual appliance. Based on DSI's world class enterprise Virtual Tape Library (VTL), Restore runs on your existing virtual infrastructure and scales from TBs to PBs of backup data. Licensed per TB, Restore is a fit for both small businesses and global enterprises. Bandwidth efficient, encrypted data replication to a second site or cloud instance meets your compliance and disaster recovery requirements, simply.
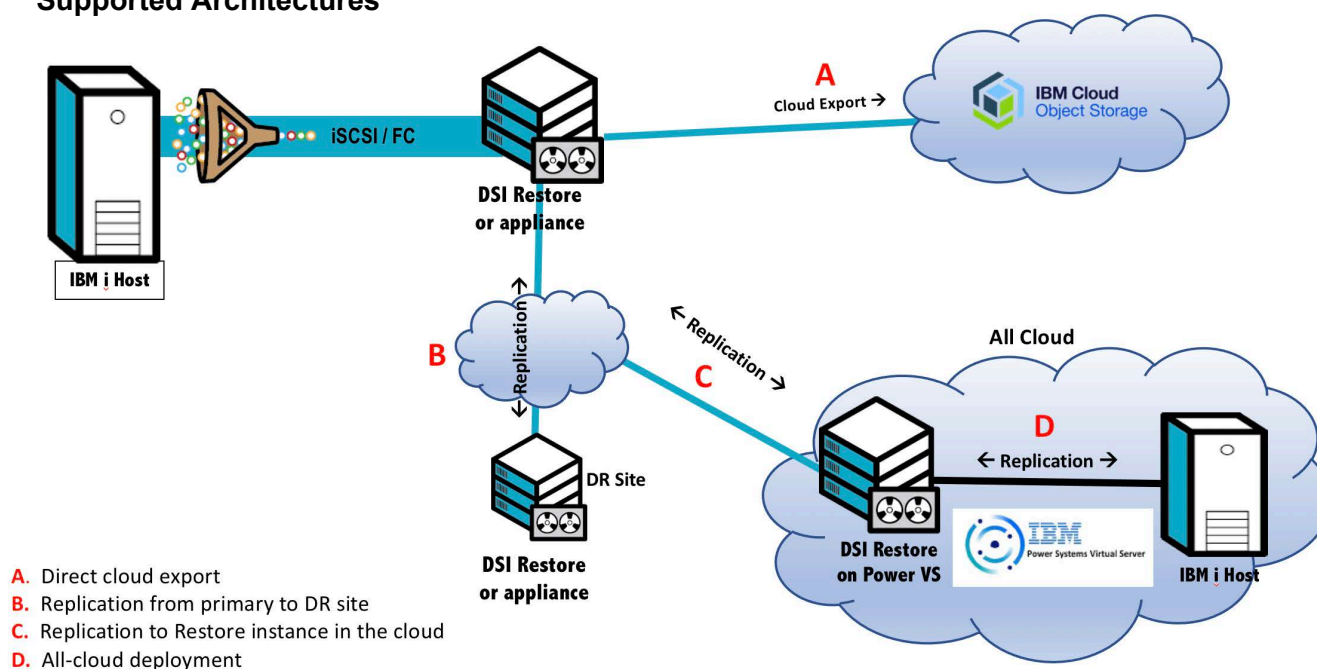
Features

• Tape Emulation
• Secure, encrypted data replication
• iSCSI target support
• Management interface
• Integration with common IBM i backup and recovery tools
• May be shared between open systems and mainframe
• May archive to cloud storage

Benefits

• Enables Disaster Recovery operation and testing
• Non-disruptive to existing IBM i backup processes
• IBM Cloud integration for replication, export, and recovery
• Policy based off-site data copy and movement
• Removes physical tape management and expense
• Data encryption at rest and in flight

Supported Architectures

A. Direct cloud export
B. Replication from primary to DR site
C. Replication to Restore instance in the cloud
D. All-cloud deployment

Site-to-site or site-to-cloud data replication

Securely move your backup data off site with bandwidth efficient replication technology included with DSI Restore.

Cloud Export

Restore may optionally archive virtual tapes to the cloud, providing off site data backup without the need for second site infrastructure. Tapes created are full images for use in testing, archive, or recovery.

DSI Restore Specifications

Hypervisors	IBM Power8, IBM Power9, VMWare, MS Hyper-V
Cloud support	IBM Power Virtual Server
Operating System	OEL or RHEL 7u6
Required storage	Required storage resources is typically dedupe capacity + 30% buffer zone
Network	1GbE or 10GbE
Memory	Minimum 16GB, 32GB+ recommended for systems over 50TB backup capacity
IBM i backup tools	BRMS, ROBOT/SAVE, LXI/MMS, SAVLIB, DSI Tracker
Max # Virtual Libraries / Drives / Carts	256 / 1024 / 64,000

Automate your environment with DSI Conductor and VTL Agent for IBM i

DSI VTL Conductor integrates into your existing environment and Media Management Software (MMS), delivering automated, host-based policies that leverage all of the Virtual Tape Library's (VTL) functionality without leaving the standard IBM i interface. For more information click here

https://www.dynamicsolutions.com/products-solutions/ibm/optimization/dsi-conductor/#fndtn-nav-137

DSI recommends a minimum of 8 hours of remote installation services with Restore systems. During this time an engineer will assist with configuring tape libraries, host to VTL connectivity, iSCSI connections, replication, and answer any questions you may have.

Visit us at DynamicSolutions.com or call +1 303.754.2080 to speak directly with a data protection specialist.