

Hitachi Data Instance Director (HDID)

Support Matrix: Hypervisor

Supported Hypervisor

- VMware ESXi for vSphere

Configuration

Host based

A Windows Server®-based proxy node must be configured to support host-based VADP backup to a HDID repository. See Infrastructure requirements for supported VMware proxy node configurations

Storage based

Hitachi Virtual Infrastructure Integrator must be configured to support storage based backups.

See: [https://knowledge.hds.com/Documents/Adapters and Drivers/Storage Adapters and Drivers/VMware/Virtual Infrastructure Integrator \(V2I\)](https://knowledge.hds.com/Documents/Adapters and Drivers/Storage Adapters and Drivers/VMware/Virtual Infrastructure Integrator (V2I)) for more information

Virtual Infrastructure Integrator v3.2: Requires: Power CLI v6.5 and later

VM selection

To enable the use of Tags Power CLI V6.5 or later has to be installed on the VMware Proxy Node

Support

HDID Application & Version		VMware Application & Version ⁽¹⁾		Supported Protection Types		
				Host Based	Storage Based	
				Repository	Hitachi Block	Hitachi NAS
HDID	6.8	vCenter Server	6.0 6.5 6.7	✓ ⁽²⁾	✓ ⁽³⁾⁽⁴⁾	✓ ⁽⁵⁾
HDID Connector for VMware vRealize Orchestrator ⁽⁶⁾	1.5	vRealize Orchestrator	7.3 7.4 7.5	✓	✓	✗
HDID Adapter for VMware Site Recovery Manager	3.0.3	Site Recovery Manager	6.0 6.1 6.5 8.1 8.2	✗	✓	✗

Application Configurations	Host Based Backup		Hitachi Block			Hitachi NAS	
	Batch	Realtime/CDP	Snapshot (TI)	Live Replicate (SI /TC / UR / GAD) ⁽⁷⁾	Batch Replicate (TI / SI) ⁽⁷⁾	Directory Clone	File Replication
Standalone ESXi Server	✓	✗	✓	✓	✓	✓	✗
vCenter	✓	✗	✓	✓	✓	✓	✗

TI= Thin Image, SI= ShadowImage, GAD=Global Active Device, UR=Universal Replicator, CDP=Continuous Data Protection

(1) Note: Support only where standard vendor support is available

(2) VMware integration uses VADP snapshots and therefore does not support pRDMs for host based protection.

(3) Does not support Block Based protection of a vSAN setup

- (4) VMware Block integration can use VADP snapshots if the quiesced option is selected and therefore in that case can not support pRDM, additionally vRDMs are not supported for block based protection as they could be a shared resource and could lead to issues at restore time
- (5) Using V2I plugin and not HDID GUI/API
- (6) HDID VMware support, replications may not be used for Virtual Machine recovery, a destination Snapshot is required for recovery.
- (7) VMware 6.0 does not support the 'Ad Hoc Backup' workflow shipped with the HDID Connector for vRO you must use vCenter 6.5 or later.

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