

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		Supported Protection Types		
				Host Based	Storage Based	
				Repository	Hitachi Block	Hitachi NAS
HDID	6.7	vCenter Server	6.0 ⁽⁷⁾ 6.5 6.7	✓ ⁽¹⁾⁽²⁾⁽³⁾	✓ ⁽⁴⁾⁽⁵⁾	✓ ⁽⁶⁾
HDID Connector for VMware vRealize Orchestrator	1.5	vRealize Orchestrator	7.3 7.4	✓	✓	✗
HDID Adapter for VMware Site Recovery Manager	3.0.0	Site Recovery Manager	6.0 6.1 6.5 8.1	✗	✓	✗

Application Configurations	Host Based Backup		Hitachi Block			Hitachi NAS	
	Batch	Realtime/CDP	Snapshot (TI)	Live Replicate (SI /TC / UR / GAD)(8)	Batch Replicate (TI / SI)(8)	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) VMware integration uses VADP snapshots and therefore does not support pRDMs for host based protection.
- (2) VMware 6.0 is only supported with configurations compatible with VMware 5.5. Features and functionality introduced in VMware 6.0 are not currently supported.
- (3) VMware 6.5 is only supported with configurations compatible with VMware 5.5. Features and functionality introduced in VMware 6.5 are not currently supported.
- (4) Does not support Block Based protection of a vSAN setup

- (5) 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
- (6) Using V2I plugin and not HDID GUI/API
- (7) Does not support 'Ad Hoc Backup' workflow shipped with the HDID Connector for vRO you must use vCenter 6.5 or later.
- (8) HDID VMware support Replications may not be used for Virtual Machine recovery, a destination Snapshot is required for recovery.

Revised: January 2019

Hitachi Vantara Corporation

Hitachi Vantara Corporation

Corporate Headquarters

2845 Lafayette Street, Santa Clara, California 95050-2639 USA HitachiVantara.com | community.HitachiVantara.com

Regional Contact Information

USA: 1 800 446 0744

Global: 1 858 547 4526

HitachiVantara.com/contact

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May 2018