

# Hitachi Ops Center Protector v7.7

## Support Matrix: VMware

### Supported Hypervisor

- VMware ESXi for vSphere

### Configuration

#### Host based

Host Based VADP backup to a Ops Center Protector repository is supported using both Windows and Linux<sup>(1)</sup> proxies.

See Infrastructure requirements for supported VMware proxy node configurations.

#### Storage based

Hitachi Virtual Infrastructure Integrator(V2I) must be configured to support HNAS based storage backups.

See: [https://knowledge.hitachivantara.com/Documents/Adapters\\_and\\_Drivers/Storage\\_Adapters\\_and\\_Drivers/VMware/Virtual\\_Infrastructure\\_Integrator\\_\(V2I\)](https://knowledge.hitachivantara.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

**Caveats:** Performing a VM disk mount of a path based(i.e. non-application aware) snapshot to a VM requires the proxy to be the master

#### VM selection

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

# Support

Protector Application & Version		VMware Application & Version <sup>(2)</sup>		Supported Protection Types		
				Host Based		Storage Based
				Gen 1 Repository	Gen 2 Repository, Gen 2 HCP, Amazon S3	Hitachi Block
Protector	7.6	vCenter Server	6.5+			
			7.0	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(4)(5)</sup>
Protector Connector for VMware vRealize Orchestrator <sup>(6)</sup>	1.6.2.1658315801	vRealize Orchestrator	7.6+ 8.2+	✓	✓	✓
Protector Adapter for VMware Site Recovery Manager	5.0.0.1658315255	Site Recovery Manager	8.3+	✗	✗	✓

Application Configurations	Host Based Backup	Hitachi Block Hardware		
	Batch	Snapshot (TI)	Live Replicate (SI / TC / UR / GAD)	Batch Replicate (TI / SI)
Standalone ESXi Server	✓	✓	✓	✓
vCenter	✓	✓	✓	✓

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

(1) Linux support for the Intel x86 platforms only

- (2) Note: Support only where standard vendor support is available
- (3) VMware integration uses VADP snapshots and therefore does not support pRDMs for host based protection.
- (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) Replications may not be used for Virtual Machine recovery, a destination Snapshot is required for recovery.

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