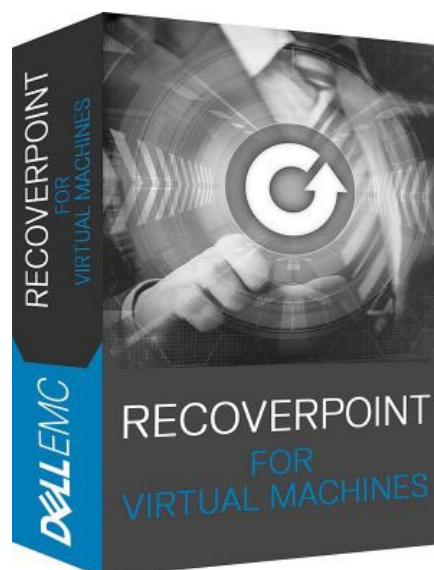


Recover To Any Point In Time

Most IT workloads today run on VMware virtual machines (VMs). Protecting these environments can get complicated, the amount of data, applications and VMs coupled with the increasing business demands means overcoming the challenge associated with resolving corrupted data, lost data and downtime is vital to IT organisations.

Traditional approaches to business continuity are no longer sufficient. IT organisations can no longer rely on backups alone, if you rely on backup only, your recovery point is determined by the last tape or backup to disk job you created. Some companies are complementing backup solutions with snapshots to shorten that window, but depending on when the operational error occurs, you may still be faced with a recovery point that is hours in the past and all the data in between is lost. Not ideal when it comes to the increasing demands being placed on data protection. Many organisations are now moving to Continuous Data Protection because it enables any point in time recovery – for recovery to the millisecond, like using a unique DVR-like rollback mechanism.

For continuous data protection Constor Solutions recommend Dell EMC RecoverPoint for Virtual Machines®. Using RecoverPoint you can bookmark specific points in time (PiT) that might be used during a future recovery and create application-aware bookmarks that annotate specific PiT that are application-consistent. With RecoverPoint, once the data is recovered you can re-start your applications to achieve near zero data loss (Optimised RPO) and minutes of RTO.



- ◆ Ensures recovery consistency for interdependent applications
- ◆ Tight integration with VMware vCenter, including HTML5 plugin and vSphere 7.0 support
- ◆ VMware vRealize Automation (vRA) integration enables data protection within vRA blueprints; manage their replication directly from vRA UI
- ◆ Provides synchronous (sync) or asynchronous (async) replication policies
- ◆ Protects data using proprietary Consistency Groups (CG) and Consistency Group sets, ensuring recovery consistency for one application or interdependent applications
- ◆ 1-click to protect, simple recovery flows, zoom in around an image
- ◆ Empowers users with a modernised RESTful API that improves ease of use, performance, and backward compatibility
- ◆ Performs parallel replication to on-premises and cloud
- ◆ Delivers cost-effective proprietary snapshot replication to AWS S3
- ◆ Offers multi-site support with up to 4:1 fan-in for centralised DR site protecting multiple branch offices and 1:4 fan-out replication for development and test operations.

RecoverPoint for Virtual Machines redefines data protection for VMware Virtual Machines enabling local, remote, and concurrent local and remote replication with continuous data protection for on-premises recovery to any Point-in time (PiT). VMware hypervisor based, the solution is storage and application agnostic, with built-in orchestration and automation accessible via VMware vSphere HTML5 plug-in. When cloud becomes a more vital part of your disaster recovery (DR) strategy, RecoverPoint for Virtual Machines replicates to AWS and VMware Cloud on AWS.



Comprehensive Coverage



Easy Integration



Higher Performance

Environmental requirements

Description	Requirements
Dell EMC RecoverPoint for VMs	5.3
VMware vCenter and ESX servers (provided by customer)	Release 6.5, 6.7 and 7.0
VSAN	VSAN 6.5 and later
Network infrastructure (provided by customer)	Flexible network configuration using between 1 to 4 Virtual Networks

Product Components

Description	Deployment guide
Virtual Appliance	Support using vRPA cluster of between 2 of 8 vRPAs for managing high workloads and providing high availability
ESX splitter	Automatically installed on every ESXi host in the cluster, upon deployment the ESX cluster is protected by a VRPA cluster
RecoverPoint for VMs VMware vCenter HTML5 plug-in	RecoverPoint for VMs VMware vCenter HTML5 plug-in with vSphere 6.7U1 and later
RecoverPoint for VMs VMware vCenter web client plug-in	RecoverPoint for VMs VMware vCenter web client plug-in with vSphere 6.5 and 6.7

Virtual Appliance Configuration

VCPU	Memory	Disk
2 vCPUs / 4 GHz	8GB	35GB
4 vCPUs / 8 GHz	8GB	35GB
8 vCPUs / 16 GHz	8GB	35GB

Contact Constor Solutions today and discover how RecoverPoint for Virtual Machines is the ideal choice to protect your company's data.



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Dell EMC Service Delivery Partner of the Year 2018