Continuous Data Protector (CDP) Virtual Appliance

DISK BACKUP, REPLICATION, & AUTOMATED RECOVERY FOR VMWARE ENVIRONMENTS

As an elite VMware Technology Alliance Partner, FalconStor proudly provides the FalconStor® Continuous Data Protector (CDP) Virtual Appliance: a pre-configured, production-ready virtual machine that helps organizations overcome the challenges associated with data growth in virtualized environments, enabling efficient data protection and continuous data availability. The FalconStor CDP Virtual Appliance is an innovative, scalable, all-in-one disk-based backup solution that enables local and remote recovery in both physical and virtual server environments. This solution provides a comprehensive set of features, including mirroring, application-consistent snapshots, journaling, WAN-optimized replication, and automated disaster recovery (DR), allowing organizations to meet stringent service level agreements (SLAs).

vmware®
PARTNER
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Highlights

All-inclusive functionality
- Mirroring, snapshots, journaling, replication
- Enables definition of protection policies

Heterogeneous support
- Physical or virtual servers
- Microsoft Windows, Linux, Unix, Solaris, HP-UX, AIX
- iSCSI and Fibre Channel (FC) connectivity

Application-specific snapshot agents[1]
- Eliminates backup corruption
- Supports an extensive list of applications

Preconfigured, scalable
- Simple, capacity-based pricing
- Scales from 1TB to 10TB[2] per virtual appliance

Disk-based backup
- Eliminates the backup window
- Enables near-zero recovery point objectives (RPO)
- Defines protection policies on individual server, departmental, or global basis
- HyperTrac™ Backup Accelerator option for serverless backup

D2D2T backup
- Reduces tape costs
- Provides instant recovery

Automated disaster recovery via RecoverTrac™ tool
- Automates complex application recovery and disaster recovery testing
- Supports P2P, P2V, and V2V recovery

WAN-optimized replication via MicroScan™ technology
- Reduces bandwidth requirements by up to 95%, lowering costs
- Enables rapid disaster recovery

[1] Snapshot agents are available for the following environments: Microsoft Exchange Server, Microsoft SQL Server, Microsoft VSS, IBM DB2, IBM Informix, Lotus Notes/Domino, Oracle, Sybase, MySQL, SAP, MaxDB, and VSS, as well as file systems (Linux, HP-UX, Solaris, AIX, Microsoft Windows).

[2] Requires at least one repository capacity license; supports up to 10 repository capacity licenses.
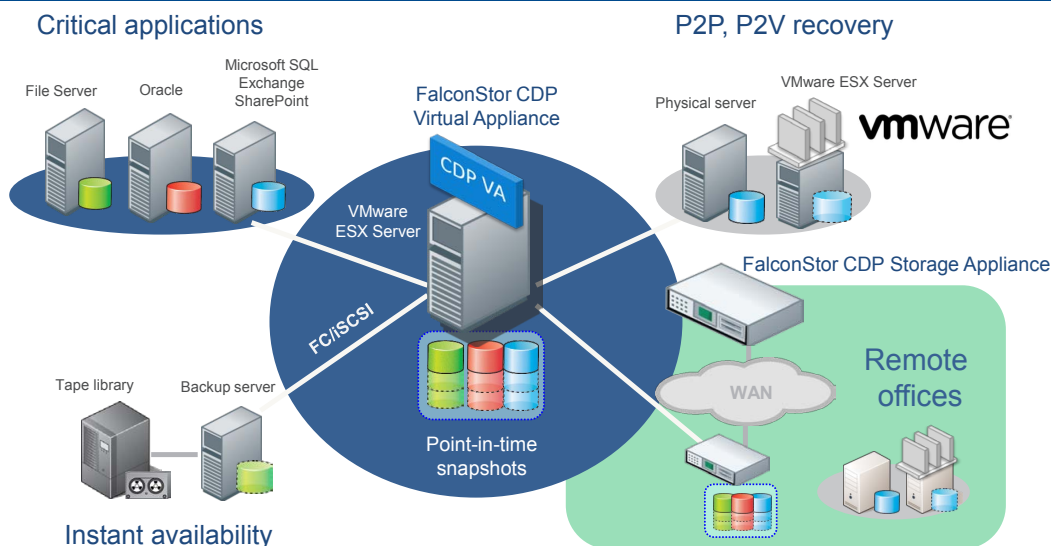
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www.falconstor.com/CDPdownload

Specifications: FalconStor CDP Virtual Appliance

	CDPVA
Characteristics	
Form factor	Virtual machine - OVF
Capacity: usable	1TB - 10TB[2] (Requires at least one repository capacity license; supports up to 10 capacity licenses.)
Host Connections	
iSCSI - 1Gb/s	1 physical port
iSCSI - 10Gb/s	Host option
8Gb FC	Host option
Capabilities	
Application-aware snapshot agents[1]	Optional
Snapshots (TimeMark®/TimeView®) per disk image (LUN)	255
DynaPath® for Microsoft Windows or Linux native multi-pathing	Included
DiskSafe™ agent & FileSafe™ agent	Included
Recovery agent	Included
Data journaling	Included
Thin provisioning	Included
Synchronous & asynchronous data mirroring	Included
WAN-optimized replication w/ compression & encryption	Included
Automated disaster recovery via RecoverTrac tool	Included
SNMP integration	Included
Email alerts	Included
Reporting	Included
Central Client Manager (CCM)	Included

Enabling data protection & disaster recovery with the FalconStor CDP Virtual Appliance

Critical applications
- File Server
- Oracle
- Microsoft SQL Exchange SharePoint

FalconStor CDP Virtual Appliance
CDP VA
VMware ESX Server
FC/iSCSI

Tape library
Backup server
Point-in-time snapshots

Instant availability

P2P, P2V recovery
- Physical server
- VMware ESX Server
- vmware

FalconStor CDP Storage Appliance
WAN
Remote offices

FalconStor®
Defining Data Protection, Again.™

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