

# Datrium ControlShift Features



## SPEC SHEET

ControlShift is a software-as-a-service (SaaS) orchestration application for data recovery from disasters and cybercrimes, including ransomware. It's a core component of Datrium Disaster Recovery as a Service (DRaaS) with VMware Cloud on AWS. It can also be used to orchestrate the failover from an on-premises site running Datrium's market-leading DHCI solution, DVX, to another physical site running DVX. ControlShift users can create recovery plans, and they can run them for testing, planned, and unplanned recovery of workloads. ControlShift helps to make disaster recovery (DR) instant, failproof, cost-effective, and easy for any VMware workload.

Below are some key features of ControlShift for easy reference.

Features and Capabilities	Datrium ControlShift
<b>Licensing</b>	
Per VM per year (support included)	✓
<b>Recovery Use Cases</b>	
Unplanned failover to DR site (disaster recovery from latest snapshot)	✓
Unplanned failover to DR site (ransomware recovery from older snapshot)	✓
Failback to primary site	✓
Test failover to target site (disaster recovery testing from latest snapshot with sandbox recovery)	✓
Test failover to DR site (dev/test/analytics and copy data management from latest or older snapshots)	✓
Planned failover to DR site	✓
<b>Recovery Time Objective (RTO)</b>	
Instant RTO	✓
<b>Recovery Point Objective (RPO)</b>	
As low as 10 minutes	✓
<b>Environments Supported</b>	
VMware vSphere 6.0 and higher at primary or DR site	✓
VMware vCenter Standard 6.0 and higher at primary or DR site	✓
<b>On-Premises Disaster Recovery Configuration</b>	
Single on-premises DVX to single on-premises DVX	✓
Single on-premises DVX to multiple on-premises DVXs (multiple concurrent plans)	✓
Multiple on-premises DVXs to single on-premises DVX (multiple concurrent plans)	✓
Multiple on-premises DVXs to multiple on-premises DVXs (multiple concurrent plans)	✓

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<b>Self-Healing and Easy to Use, Deploy, and Manage</b>	
Built as a cloud-native application, it uses AWS Lambda to self-heal and restart services in case of failures	✓
Easy-to-use, unified DR orchestration for on-premises and cloud sites	✓
Software-as-a-Service (SaaS) application delivered by Datrium – nothing to install, manage, or upgrade. Can also be deployed in your AWS account	✓
<b>Disaster Recovery Orchestration Features</b>	
vCenter mapping and registration	✓
Virtual Machine (VM) folder mapping	✓
DVX datastore mapping	✓
vSphere cluster and resource pool mappings	✓
VM network mapping	✓
VM IP address, DNS, gateway updates for Guests running Windows 2012 and higher, RHEL 6+, CentOS 7+	✓
Custom script execution (housed in a VM)	✓
Startup ordering of VM individually or in consistent groups, such as Protection Groups (PGs)	✓
Configure desired wait time between VM or PG startup steps	✓
Custom action steps between VM or PG startup steps	✓
Power-on VMs upon registration on vCenter	✓
Recover non-VM artifacts such as ISOs, VM Templates, vmdk files, or datastore files	✓
Automated email alerts	✓
<b>Continuous Compliance Checks for DR Plan</b>	
Automatic compliance check (every 30 minutes) with on-demand checks at any time	✓
Check for connection to primary, DR, and backup sites	✓
Check for replication status between sites	✓
Check for vCenter modifications that are inconsistent with DR plan	✓
Check for datastore mappings between sites	✓
Check for VM modifications on primary site	✓
Check for PG modifications on primary site	✓
Check for snapshots required on DR site	✓
<b>Automated Compliance Reporting</b>	
PDF report and export of DR plan	✓
PDF report and export of DR plan execution	✓
Email report of DR plan	✓
Email report of DR plan execution	✓