

What's new in VMware Cloud Director Availability 4.3?

Confidence As Standard – Enhanced Protection and Acceleration of Business Transformation With Cutting Edge Disaster Recovery & Migration Offerings

Most enterprises worldwide are at the cusp of digital transformation in a quest to respond, recover, and eventually thrive in a post-pandemic environment. During this movement and transition of digital assets and company resources - such as application, data, workloads, and IT resources to the cloud, enterprises need the right solution to help combat against cyber-attacks, unplanned downtime from natural disasters, and outages.

Unleash your confidence with VMware Cloud Director Availability, a unified Disaster Recovery and Migration solution with effective recovery, migration, restore and data protection solution.

The latest release empowers Cloud Providers with additional service and control features for their multi-tenanted DR and Migration offerings and delivers tenants autonomy to manage their stack of features with advanced capabilities. This release has elevated VMware Cloud Director Availability to another level.

Key New Features

- **1 Minute RPO**
Address and protect Mission-Critical Workloads
- **Advanced Retention Policy**
Offer more control over replication cycles
- **DR & Migration Plan**
Recovery Plans to help sequence and timing for failover

Key New Features

Minute Recovery Point Objective (RPO)

- Offering a full tiered solution now extends to protect tenant's Mission-Critical workloads and offer more granular recovery. 1-minute RPO can be enabled using replication and SLA policies.
- This feature is a premium offering that can be priced accordingly and should be tested before enabling.

Advanced Retention Policies

- Extra security for the workloads as instances can be stored over different schedules.
- The Advanced Retention Policy offer up to 5 retention rules aligned to differing schedules or protection retention
- Providers can pass the control into their tenants' hands to specify the exact retention settings when configuring a new protection but still apply limitations through the Replication policies.

DR & Migration Plans

- Ability to group and sequence VMs and vApps according to their recovery start-up timings and priority.
- The DR and Migration Plans allow the provider and tenants to manage the sequence of VMs failing over, set waiting times, even include prompt for confirming the next the execution steps.
- Newly added capability to schedule initial full sync speeds the overall migration process. Before 4.3 without the ability to schedule the initial full sync, there would have been a delay whilst this was done in the change window, rather than scheduling it to execute prior.

Service operation/administration improvements based on Partner feedback

- Option to select NIC for communication with other local components allowing more control over multi-NIC appliances and more complex networking requirements
- Zero impact cloud service certificate change for all remote replicating sites
- Improving the existing Backup & Restore with encryption and negating the need to restore in situ.
- Tunnel Endpoint Health checking in UI for status of remote and local endpoints
- For more complex environments with multiple vCenters with dedicated PVDCs, we now check and present only those for which we are responsible for.

Product Maturity, Troubleshooting & Supportability, and Faster Time-to-market

- System Monitoring & Troubleshooting Enhancements
- G11N Product UI localization for German, Spanish, French, Italian, Brazilian Portuguese, Japanese, Korean, Simplified Chinese and Traditional Chinese
- Multisite c4 authentication with a single JSON Web Token JMT or SAML allowing tenants to replicate between multiple orgVDC or multiple Cloud Director Availability instances using the same Cloud Director Instance.
- Optimized re-protect to help speed up failback scenarios
- Add flexibility to be able to add VMs to existing vApp replication groups
- Clean stale replications from typically poor redeployments where the replication has become disconnected from the database.
- V2C on-premises authentication with Cloud Director Availability API token allowing tenants to use their own Identity provider across on premise and Cloud Director instead of local usernames and passwords

Find out more about the 4.3 release: [Blog](#), [Website](#), [Release Notes](#)