



What's new in VMware Cloud Director Availability 4.4?

Key new features

- vSphere DR & Migration to and from vCenter based clouds
- vSphere DR & Migration Metering
- One-Click Migration empowering self service
- Recovery Plans Execution Reports and Monitoring
- RPO Compliance report troubleshooting

5 reasons to choose Cloud Director Availability for vSphere DR & Migration

- Standardized and consistent experience with vSphere: It's a natural fit.
- Competitive DR & Migration features: One-Click migration and strong RPO track record
- Zero implementation Migration cost: Skip procurement hassle and save time & money
- Quick adoption: No new contracts. Installation and onboarding are quick and easy
- Additional target endpoint: Offer tiered services with differentiated pricing structure

vSphere Disaster Recovery & Migration (v2v) is a game changer

VMware Cloud Director Availability now offers easy and seamless disaster recovery and migration of dedicated On-premises vCenter workloads to dedicated Cloud vCenter for vSphere 6.5, 6.7 and 7.0. This is great news for Cloud providers who offer dedicated vCenter based cloud. Before the release of 4.4, this solution was exclusive to Cloud Providers utilizing VMware Cloud Director as the only target for migration.

This feature leverages vCenter Replication management appliance or seamless on-premises appliance configuration, replication, failover and reverse setup with full control over the management of RPO, retention policy, compression, quiescing and storage policy.

vSphere DR & Migration capability offers highly competitive compute resource, network mapping and recovery setting features for Cloud Providers. It maintains feature parity against VMware Cloud Director as an endpoint DR and migration capability so Cloud Providers can get a consistent, integrated and standardized experience across their migration journey

Highlighted Features



vSphere DR & Migration

- Cloud Providers can leverage VMware Cloud Director Availability for DR and migration of dedicated On-premises vCenter workloads to Cloud Provider vSphere Cloud. This feature offers Cloud Providers full autonomy to manage RPO, retention policy, compression, quiescing, storage policy and monitor overall health exactly as before.
- This new replication functionality can directly be enabled from the vSphere, 6.7 and 7.0 UI, vSphere client plug-in and VMware Cloud Director Availability portal. Version 6.5U3 is supported outside of vSphere Client Plug-in.
- VMware Cloud Director Availability 4.4 offers two new deployment option to support replicating workloads between vSphere source and destination i.e., vCenter Replication Management Appliance and On-premises to Cloud vCenter Replication Appliance.
- The deployment and pairing between the sites comprises of a two-way process which requires OVF download and data to be transmitted on port 8048.



vSphere DR & Migration Metering

- Usage data collection and reporting are performed by vCloud Usage Meter version 4.4 and higher.
- The registration of the on-premises vCenter Replication Management Appliance is required for metering is the same as the one for Cloud Replication Management Appliance. One vCloud Usage Meter can meter old and new use cases.

This feature is a part of the flex core bundle and it's priced the same i.e., 10 points per VM and 0 points for migration.



One-Click Migration

- VMware Cloud Director Availability offers highly competitive, managed and self-service migration capability developed and designed with Cloud Providers and Tenants in mind. With this feature Tenants can enjoy faster paths to cloud.
- One-click migration feature is an additional improvement to the simplify and speed up tenant's migration experience by adding the capability to execute a migration directly from vSphere UI. To help save time tenants have the option to automatically run this feature with pre-defined criteria if there is no need for advanced replication configuration.



Recovery Plans Execution Reports and Monitoring

- Cloud Providers and Tenant users can monitor the health of DR and Migration in real-time by accessing detailed step by step information on the failures to troubleshoot any case of any issues.
- This feature adds an extra layer of confidence and boosts security for users running recovery processes. The reports can be extracted in an HTML format.



RPO Compliance

- VMware Cloud Director Availability 4.4 offers RPO compliance reports, for troubleshooting, in relation to Cloud Provider and tenant's recovery point objective parameters.
- The reports identify if Cloud Providers and Tenants are in compliant with pre-defined RPO parameters and discover the reason for their non-compliance.
- RPO compliance reports can be extracted in JSON, HTML and CSV format.
- RPO compliance reports should not be offered as a service, they should only be used in troubleshooting or monitoring

Additional Features

Network Extension to VMware Cloud on AWS

- Version 4.4 offers layer 2 network extension to VMware Cloud on AWS for stretching an on-premises network to an SDDC hosted at VMware Cloud on AWS making one-way migration simple with less post migration changes necessary.

Remote site compatibility pre-upgrade check

- With this release Cloud Providers can check if the on-premises appliances are compatible with the upgrade version by clicking on the update wizard.
- Cloud Providers can simply use the filters to identify sites and replicators that would be incompatible with a direct upgrade and prompt tenants to upgrade to newer versions.

In- Product Feedback

- VMware Cloud Director Availability discovers a new way to engage, interact and understand user needs to make customer centric decision and improve product and user experience.
- The In-Product feedback feature can be accessed from the top right corner of the dashboard and the rating card is a randomized pop-up feature that appears in user sessions.
- All feedback is received anonymously but users can leave their company names if they want to.

Endpoints resource capacity filter

- Cloud Providers can use this feature to pin down all the resources that are needed at the destination cloud site to support the protected workloads compute and storage.
- This feature is designed to improve resource allocation efficiency and estimations.

Replication alignment with the destination storage profile

- Replication alignment with the destination storage profile for provisioning the disk type of a replicated workload accordingly
- Option to select thin or thick provisioning of target replicas

Managed service replication assignment

- Appoint Tenant organization as the default owner of the replication configured by the provider or leave the system administrator as a default owner.

Cloud Collection of support bundles

- Obtain new on-premises support bundles by logging in collection during the initial configuration and pairing of the on-premises appliance from the management UI.

Migrating vApp Templates

- When migrating vApp templates, you can now migrate the vApp networks with their connectivity and migrate the statuses of General > Gold Master and of Customize VM settings

What's new in VMware Cloud Director Availability 4.4?

Ready for an upgrade

VMware Cloud Director Availability 4.4 supports an in-place upgrade directly from versions 4.2.1 and 4.3.1. When upgrading from versions 4.0.x or 4.1.x, first upgrade to version 4.2.1, then upgrade to version 4.4.

For more information, see [Upgrading in the Cloud](#) and [Upgrading On-Premises](#). Find out more about the 4.4 release: [Blog](#), [Website](#), [Release Notes](#)

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