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Tech Brief

What's New in Actifio VDP 10.0.5 (CDS, CDX, and Sky Appliances)

This document introduces the new features in Actifio VDP 10.0.5. Upgrading to the latest software version is strongly recommended to benefit from the new features, enhancements, and fixes. Contact your Actifio Support representative for assistance in upgrading the software on your Actifio appliances.

What's New

The following are the new features, enhancements, and changes in Actifio VDP 10.0.5 release:

Database Enhancements

Highlights:

- MongoDB support for sharded clusters
- Parallel DB and Log backups
- Enhanced retention/expiration management for database logs, added the ability to hold database logs relevant to a database backup for as long as the backup is retained. Configuration is performed through the expiration management feature.
- Ability to provision extra storage for use in a mount of an Oracle database.

Benefits:

- Ability to protect and recover MongoDB sharded clusters
- Database log backups do not need to wait for database backups to complete, which results in an improved ability to meet the specified RPO.
- Point in time recoveries are now possible, even beyond the normal log retention period, when the database backup retention has been updated to indicate logs should be saved.
- Oracle database mounts used for test data management will no longer need to consume disk space on the Oracle server if extra space is needed, it can be provisioned as part of the mount operation

Disaster Recovery Enhancements

Highlights:

- All new conversion engine for VMware to GCE recoveries

Benefits:

- Recoveries are faster and more consistent
- The support/compatibility matrix for operating systems is broader, with a faster ability to add new support when needed

Security Enhancements

Highlights:

- New right to independently manage users authorized to prematurely expire backups

Benefits:

- Provides additional flexibility for separation of administrative roles
- Reduces risk of a rogue employee prematurely expiring backups that have not been flagged for "enforced retention".

Report Manager Enhancements

Highlights:

- Stand-alone Report Manager (RM) is no longer supported beginning with 10.0.5. Report Manager will only be supported when running in the AGM+RM configuration going forward.
- Customer Success can help to merge your stand-alone RM into an AGM, while maintaining all historical data.

Benefits:

- RM will benefit from a centralized security model, integrated with AGM instead of a single appliance.
- Fewer virtual machines need to be run as part of the Actifio solution
- Simpler upgrade process going forward

Other Enhancements

- To avoid common issues that arise when time synchronization is missing, hourly alerts will now be generated if there is no valid NTP server configured for each backup appliance. To avoid these issues and prevent alerts, ensure a valid NTP server has been configured using the System and Network Management interface for each backup appliance.

Expanded Support Matrix

- RHEL 8.4, RHEL 8.5, and RHEL 8.6

  Actifio connector is enhanced to support RHEL 8.4, RHEL 8.5, and RHEL 8.6 operating system version.

- OEL 8.6

  Actifio connector is enhanced to support Oracle Enterprise Linux 8.6 operating system version.

- vSphere and vSAN 7.0 U3

  Actifio appliances have been enhanced to support vSphere and vSAN 7.0 U3.

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Deprecated Features

With the new conversion engine for VMware to Google Cloud Compute Engine (GCE) come the following reductions in features:

- Conversions of VMs into AWS and Azure are no longer supported

- Conversions are exclusively supported from VMware VMs

- Conversions from connector backups (systemstate applications) are no longer supported, including conversions from physical servers into VMware.

Deprecated Platforms

The following platforms are deprecated from Actifio 10.0.5 release:

- Oracle declared end of support for the 12c version effectively from July 31, 2022. Therefore, Oracle 12c is also deprecated in all Actifio product versions as of the same end of life date.

Upgrade Paths

The following are the upgrade paths for Actifio AGM/Sky/CDS/CDX/RD 10.0.5 systems:

- Before upgrading any managed Sky/CDS/CDX to 10.0.5, first upgrade the AGM to 10.0.5.

> **Note:** If the "Catalog" feature is configured, there are special steps required for the AGM upgrade. Coordinate with Customer Success and have them work jointly with you to perform these extra steps.

- AGM/Sky/CDS/CDX running on 10.0.2 or higher can be upgraded to 10.0.5.

- AGM/Sky/CDS/CDX running versions older than 10.0.2 must be upgraded to 10.0.2 first, and then to 10.0.5. Refer to the release notes for 10.0.2 for details on the supported upgrade paths to those releases.

- For customers using Resiliency Director (RD), an upgrade to RD 10.0.5 will be required immediately after upgrading AGM and Sky/CDS/CDX to 10.0.5. See the Resiliency Director 10.0.5 release notes for details on the upgrade procedure and supported upgrade paths.