
Actifio Report Manager 9.0.7 Release Notes

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Actifio Report Manager 9.0.7 Release Notes

This document details the release notes for the Actifio Report Manager 9.0.7 software release.

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Access these locations for help with your Actifio product suite:

Customer Support Numbers	U.S. Toll-Free Number: 1.855.392.6810 From Anywhere: +1.315.261.7501 Australia: 0011 800-16165656 Germany: 00 800-16165656 New Zealand: 00 800-16165656 UK: 0 800-0155019
Customer Support Email	support@actifio.com
Customer Support Portal	http://support.actifio.com/ When prompted, enter the user name and password provided by your Actifio representative.
General Information	http://www.actifio.com

New in This Release

There are no new features added in this release, this is bug fix release, see the [Resolved Issues](#) section.

Compatibility with VDP Appliance Releases

This release only supports VDP appliance 8.0 and above on Sky and CDS appliances. Older releases may continue to function as before, but their use is no longer supported.

Table 1: Compatibility with VDP Appliance releases

VDP Appliance Release	Basic Compatibility with RM 9.0.7	Reporting on OnVault Pool Consumption	Reporting on SAP HANA	Reporting on External Snapshot Pools
Prior to 8.0.0	Unsupported	No	No	No
8.0.0 - 8.1.2	Yes	No	No	No
8.1.3 - 8.1.4	Yes	Yes	No	No
8.1.5 and above	Yes	Yes	Yes	No
9.0.1 and above	Yes	Yes	Yes	Yes

Deprecated Reports

After upgrading the Report Manager from any of the previous versions to Actifio Report Manager 9.0.7, we recommend that you delete any unused and deprecated reports from the repository.

Reports deprecated in Actifio Report Manager 9.0.0:

- Recovery Job Summary

Reports deprecated in Actifio Report Manager 8.0.0:

- Snapshot Pool Utilization History by Application
- Disk Pool Utilization History
- Enterprise Managed Data License Consumption
- Managed Data License Consumptions
- Managed Data License Consumption History
- Application Protection Coverage and Protection Policies

Reports deprecated in Actifio Report Manager 7.1.0:

- Protection Operations Performance History by Day.
- Protection Operations Performance History by Operation.
- Protection Ratio for Selected Appliance
- Protection Ration by SLA for Selected Appliance
- Daily Snapshot Pool Utilization Summary
- Top-N Applications Using Dedup Storage
- Application Consumption to Cumulative VDisk Usage
- Application Protection Status

- Dedup Pool Utilization History by Application

Reports deprecated in Actifio Report Manager 7.0.0:

- Application Protection Panel
- Application Protection Panel 15 Days
- SLA Compliance Statistics by SLA For Last 24 Hours Factor
- SLA Compliance Summary and Details
- SLA Compliance Summary and Details by SLA

Resolved Issues

Fixes in this release fall into two distinct categories as follows:

- [Functionality and Usability Fixes](#)
- [Security and Vulnerability Fixes](#)

Functionality and Usability Fixes

The following table lists the functionality and usability fixes in Actifio Report Manager version 9.0.7:

Tracking Number	Description
80136	Schedule reports now show complete data even when the email schedule timezone is different from the Report Manager timezone.
81551	Report Manager can now upgrade from any previous release to the latest version without any issues.

Security and Vulnerability Fixes

The following table lists the Security Vulnerabilities fixed in Actifio Report Manager version 9.0.7:

Tracking Number	Description
81146	CVE-2020-11612: The ZlibDecoders in Netty 4.1.x before 4.1.46 allow for unbounded memory allocation while decoding a ZlibEncoded byte stream. An attacker could send a large ZlibEncoded byte stream to the Netty server, forcing the server to allocate all of its free memory to a single decoder.
80365	CVE-2020-1938: When using the Apache JServ Protocol (AJP), care must be taken when trusting incoming connections to Apache Tomcat. Tomcat treats AJP connections as having higher trust than, for example, a similar HTTP connection. If such connections are available to an attacker, they can be exploited in ways that may be surprising.

Known Issues and Limitations

The following are the limitations and known issues in Actifio Report Manager version 9.0.7:

- Job History Summary by Application Report: For DB+log backups, the total jobs are counted as two jobs (a log backup and a snapshot) even though there is only one job record. [53938]
- When a report is scheduled with different timezone other than RM system timezone, it shows incorrect values for Start Time and End Time in the scheduled Report [31889]. This is a third party issue: JS-32957.
- Tool-tip and drill-down functionality in line charts does not work properly when default zoom level (100%) is changed. [27933]
- Daily Protection Status report has some issues with horizontal scrolling in HTML view. [27713]
- PDF report download fails with Google Chrome browser.

Workaround: Use Save as PDF option in print menu or use an another browser to download the PDF.

- If an external user (VDP appliance users) does not have any applications associated or there is no data available for the selected criteria, the following two reports are not displayed. [RM-133]
 - o SLA Violation Summary
 - o SLA Violation Summary for last 24 hours

This is a known third-party issue with dual pie-charts. [third-party case no.00065485]

- Actifio Report Manager does not work properly if your browser is configured with ad-blocking extension (uBlock). [25857]

Workaround: Disable/delete the browser extensions.

- Changes made to saved options do not affect existing scheduled jobs. [62791]

Workaround: Create a new schedule.

- The application details section of the Snapshot Pool Consumption report does not include external snapshot pool data. [62958]

The following are the known security and CVE issues in Actifio Report Manager 9.0.7:

- CVE-2019-10202: A version of the Jackson JSON parser library is used that has a vulnerability that could allow maliciously crafted JSON to remotely execute. This vulnerability will be addressed in a following release. [76586]
- CVE-2019-10172: A version of the Jackson JSON parser library is used that has a vulnerability that may allow external XML entities to have an unknown impact. This vulnerability will be addressed in a following release. [76586]
- CVE-2016-1000027: A version of the Spring Web library is used that has a vulnerability that may allow remote code execution if used for Java deserialization of untrusted data. This vulnerability is not exploitable and will be addressed in a following release. [76586]
- CVE-2019-17571: A version of the log4j library is used that has a vulnerability that may allow remote code execution if used with a deserialization gadget when listening to untrusted network traffic for log data. This vulnerability is not exploitable and will be addressed in a following release. [76586]
- CVE-2016-3093: A version of the ognl library is used that is vulnerable to a denial of service attack if used with certain versions of Apache Struts. This vulnerability is not exploitable and will be addressed in a following release. [76295]
- CVE-2019-12415: A version of the Apache POI library is used that is vulnerable to exposing local files if used to convert an Excel file to XML. This vulnerability is not exploitable and will be addressed in a following release. [76295]
- CVE-2019-11358: A version of the jQuery library is used that is vulnerable to corrupting JavaScript's Object.prototype if jQuery.extend() is used on unsanitized data. This vulnerability is not exploitable and will be addressed in a following release. [76295]

- CVE-2020-11022: In jQuery before 3.5.0, passing HTML from untrusted sources - even after sanitizing it - to one of jQuery's DOM manipulation methods (i.e. `.html()`, `.append()`, and others) may execute untrusted code. This problem is patched in jQuery 3.5.0. This will be addressed in a following release. [82022]

Related Documentation

- **Actifio Report Manager Online Help.** Provides information on how to use the Actifio Report Manager.
- **Actifio Report Manager Deployment Guide.** Provides the step-by-step instructions on how to install, upgrade, and configure the Actifio Report Manager.
- **Actifio Report Manager - Schema Definitions PostgreSQL DB.** Describes the database table definitions that Actifio Report Manager uses to store records.
- **Actifio Global Manager Install and Upgrade Guide.** Provides Actifio Report Manager installation information in AGM.

Upgrade Path to RM 9.0.7

Upgrading to the latest RM version is strongly recommended to benefit from the enhancements and bug fixes. You can upgrade to RM 9.0.7 from:

- RM 6.2.x
- RM 7.x
- RM 8.0.x
- RM 9.0.x

Note: This is an optional upgrade. Systems running Actifio Report Manager v7.1.3 or later can upgrade directly to v9.0.7. Systems running Report Manager versions prior to v7.1.3 need to upgrade to v7.1.3 first and then to v9.0.7.
