



Release Notes for Cisco Cloud DVR Release 19.1.1

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Introduction

This document describes the new features, open caveats, and resolved caveats in Release 19.1.1 for the Cisco Cloud DVR (cDVR).

New Features

The following is a list of new features for Release 19.1.1.

VMP 2.16.2-24311

- EXT-X-SESSION-KEY tag added to HLS manifests to allow encryption keys from media playlists to be specified in a master playlist.

cDVR Product Compatibility

The table below lists the components that are related to the cDVR and the recommended versions. The control plane components are included in the cDVR control plane release package.

Product	Version
Control Plane	
Deployer	Erlangen
PPS (Scheduler)	20.0.0-14
UPM	5.147.0-303
AuthZ	4.1.1-130
Recorder Router	1.2.0-206
Foundation	
Couchbase Database (RR)	4.5.1
MongoDB (PPS)	3.2.8-1
Mongo – Opsmanager	3.4.10-1
Data Plane	

Product	Version
Virtual Media Recorder (VMR)	1.4.2_044
• VMR Operating System	IVP COE 3.7.2_201811141659
• MemSQL	MemSQL 6.5.11 for Ops MemSQL 6.5.18 for Engine
Virtual Video Processor Controller (V2PC)	3.3.7-18035
Virtual Media Packager (VMP)	2.16.2-24311
Cloud Object Storage (COS)	3.22.4

Caveats

This section includes open and resolved caveats for this release.

- [Open Caveats, on page 2](#)
- [Resolved Caveats, on page 2](#)

Open Caveats

The following is a list of open caveats in Release 19.1.1.

Deployer

- During control plane upgrade, control plane cleanup and Route 53 steering questions should be ignored ('n' should be used).
- After a control plane upgrade, the exiting monitoring stack could lose node names if the node names are changed due to Active Directory integration requirements. This causes all health checks to report with the changed node names, instead of the defined nomenclature in cDVR deployments.
- In Deployer Erlangen, post orchestration procedure is required after upgrading the analytics stack and before steering to the new instance. For details, contact Cisco Services.

Data Plane Components (VMR, V2PC, VMP, COS)

For a list of open caveats, refer to the individual release notes ([Related Release Notes, on page 3](#)).

Resolved Caveats

The following is a list of resolved caveats in Release 19.1.1. This list is not intended to be comprehensive. It lists the resolved caveats that are relevant to the current cDVR release.

VMP

The following is a list of resolved caveats in Release 2.16.2-24311. This list is not intended to be comprehensive. It lists the resolved caveats that are relevant to the current cDVR release. For a complete list of resolved

caveats, refer to [Related Release Notes, on page 3](#). The caveat ID can be searched using the Bug Search Tool (<https://tools.cisco.com/bugsearch>), where you can find details about the caveat.

Bug ID	Description
CSCvk67142	MCE segments are overlapping for SCTE contents
CSCvn09447	MCE generating incorrect videoBitRate in MPD resulting in DASH playback issue
CSCvm46852	cDVR in-progress playback is failing
CSCvm76437	Key Rotation support for Fairplay using CPIXF interface37
CSCvn25176	CDVR recording: audio drops with sct35 feed
CSCvn69642	HLS- HEVC encrypted playback failed with 500/404 error

Data Plane Components (V2PC, VMR, COS)

For a list of resolved caveats, refer to the individual release notes ([Related Release Notes, on page 3](#)).

Updating COS Metadata Cluster (CMC) Nodes

Cisco performs the CMC node upgrade when updating the COS system. For more information, contact Cisco Services.

Related Release Notes

The following lists the release notes for other related components:

- Cloud DVR Deployer - <https://www.cisco.com/c/en/us/support/video/cloud-dvr/products-release-notes-list.html>
- Virtual Video Processor Controller (V2PC) - <http://www.cisco.com/c/en/us/support/video/virtualized-video-processing-controller/products-release-notes-list.html>
- Virtual Media Processor (VMP) - <http://www.cisco.com/c/en/us/support/video/media-origination-system/products-release-notes-list.html>
- Cloud Object Storage (COS) - <http://www.cisco.com/c/en/us/support/video/cloud-object-storage/products-release-notes-list.html>
- Virtual Media Recorder (VMR) - <https://www.cisco.com/c/en/us/support/video/cloud-dvr/products-release-notes-list.html>
- Recorder Router (RR) - <https://www.cisco.com/c/en/us/support/video/cloud-dvr/products-release-notes-list.html>

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