



Release Notes for V2PC 3.2.3

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Cisco Virtualized Video Processing Controller (V2PC) System Release 3.2.3 is a maintenance release to address issues noted in [Known Defects, page 3](#). It contains no new features or limitations relative to V2PC Release 3.2.2.

- [Introduction, page 1](#)
- [V2PC Deployment Guidelines and Image Location, page 2](#)
- [V2P Product Family, page 3](#)
- [Known Defects, page 3](#)
- [Upgrading from V2PC Release 3.2.x-xxxxx, page 4](#)
- [Related Documentation, page 4](#)
- [Obtaining Documentation and Submitting a Service Request, page 5](#)

Introduction

V2PC is an open and extensible platform for orchestrating, managing, and operating media functions. V2PC facilitates the deployment and management of Cisco and third-party video data plane applications such as encoders, packagers, and recorders in the data center cloud environment. Through V2PC, these applications are abstracted from the underlying infrastructure, such as VMWare, Bare Metal, or Docker.

V2PC provides the following SDKs in support of extensibility:

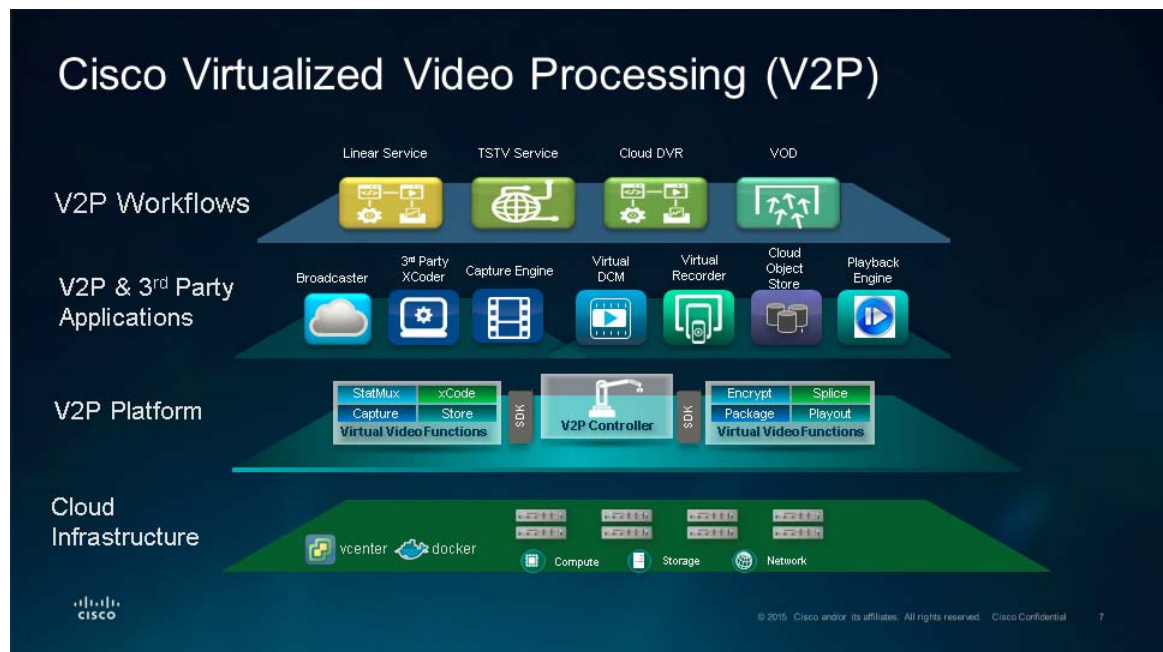
- AppController SDK – for integrating and on-boarding third-party applications
- Media Workflow SDK – for chaining virtual video functions together to form rich workflows such as Linear, VOD, cDVR, and TSTV
- GUI SDK – for adding new custom GUI pages



Through these SDKs, V2PC enables customers and ecosystem partners to integrate Cisco and third-party video applications on the V2PC platform to rapidly deploy new services such as Linear, VOD, and cDVR to OTT consumers, while maintaining multi-vendor flexibility and providing a common infrastructure that enables efficiency while reducing costs.

V2PC also supports multi-OS enablement (including CentOS and CoreOS) and VM orchestration over mixed infrastructure (including VMWare, Kubernetes, and Bare Metal).

Figure 1-1 Cisco Virtualized Video Processing (V2P) Platform



V2PC Deployment Guidelines and Image Location

- The V2PC Master Controller repository node should be deployed as 2x large (8 CPU, 32 GB RAM, 40 GB Disk storage)
- The ELK node should be deployed as 2x large with 500 GB disks space (8 CPU, 32 GB RAM, 500 GB Disk storage)
- V2PC Unmanaged (Self Install) Kubernetes is recommended for new deployments beginning with V2PC Release 3.2.2.
- To access and download the V2PC 3.2.3 images, navigate to the following location:

<https://software.cisco.com/download/special/release.html?config=2cb0c6e609e7a7994e497965e49160c2>



Note

For additional information about deploying and configuring V2PC, see the *Cisco Virtualized Video Processing Controller Deployment Guide* and *Cisco Virtualized Video Processing Controller User Guide*, respectively.

V2P Product Family

The following V2P Product Family is validated as part of V2PC 3.2.3 solution testing with V2PC, VMP, and VMR.

Table 1 V2P Product Compatibility

Product	Description	Version
V2PC	Virtualized Video Processing Controller (V2PC)	V2PC_3.2.3-10946
VMP	Virtual Media Packager (includes MCE and MPE)	v2p-vmp-bundle-2.8.1
VMR	Virtual Media Recorder (AIC, MFC, Docker Images)	VMR_AIC 1.1.300232 VMR_MFC 1.1.300207 VMR_Docker_Images 1.1.3_002
COS *	Cloud Object Storage (COS)	COS 3.12.2-b2
VSRM	Video Session and Resource Manager (VSRM)	VSRM 4.0.0-882
vDCM *	Virtual Digital Content Manager (DCM)	V2PC-VSM-vDCM package V1.2.0 vDCM OTT V04.00

* For COS and vDCM, integration testing with V2PC is based on each product team's test coverage.

Known Defects

Open Defects

This section provides a list of open defects for this release. This list is not intended to be comprehensive. If you have questions about a particular defect, contact your account representative.



Note

Defects are identified by a case tracking number (Defect ID) and a headline that briefly identifies the case. The headlines in this section are presented exactly as they appear in the issue tracking system.

[Table 2](#) lists the open defects in V2PC Release 3.2.3.

Table 2 Open Defects in V2PC Release 3.2.3

Bug ID	Description
CSCva90268	disable ce app instance stuck in inprogress when one of haproxy down [corner case]
CSCvb26414	After adding an application the page goes blank for about 3 seconds
CSCvb27926	Worker creation with incorrect IP went through [workaround available]
CSCvb62604	misconfigured AIC requires force delete [workaround available]
CSCvb99532	V2PC platform deployment scripts shud timeout when workers are not accessible [corner case]
CSCvc11778	CSDL: Ports closed during VTPCLOSING-FLOOD attack

Table 2 Open Defects in V2PC Release 3.2.3

Bug ID	Description
CSCvc48520	Mongo not ready when power cycled all nodes & Restarted aic
CSCvc54070	centos 7.2 worker for vdcn fails with configuration error
CSCvc58094	KMSProxy Log File not getting created in MPE
CSCvc83108	V2C bootstrap setup.sh script should validate OS parameters, etc
CSCvc83466	Rare systemd issue on MCE worker while upgrading worker nodes from 3.2.2-10778 to 3.2.2-10834 build

Resolved Defects

This section provides a list of resolved defects for this release. This list is not intended to be comprehensive. If you have questions about a particular defect, contact your account representative.

[Table 3](#) lists the resolved defects in V2PC Release 3.2.3.

Table 3 Resolved Defects in V2PC Release 3.2.3

Bug ID	Description
CSCvc34608	FairPlay DRM support
CSCvc68121	ELK Logging Stack Exhaust HEAP memory
CSCvc69835	VMP Unbundling / Packaging (see V2PC upgrade from 3.2.x-xxxxx to 3.2.3-xxxxx)
CSCvc95208	duplicate entries getting added in active workers config in zk
CSCvd01590	upgrade from 3.2.0-10353 to 3.2.2-10847, doesnt upgrade all rmps in MCE workers
CSCvd21267	Repo url not getting updated for vdcn base image

Upgrading from V2PC Release 3.2.x-xxxxx

For instructions on upgrading from V2PC Release 3.2.x-xxxxx to V2PC Release 3.2.3, see the **V2PC Upgrade** section of the *Cisco Virtualized Video Processing Controller User Guide*.

Related Documentation

V2PC Documentation

Refer to the following documents for additional information about V2PC:

- *Cisco Virtualized Video Processing Controller User Guide*
- *Cisco Virtualized Video Processing Controller 3.2 API Guide*
- *Cisco Virtualized Video Processing Controller Open Source*
- *Cisco Virtualized Video Processing Controller Deployment Guide*
- *Cisco Virtualized Video Processing Controller Integration Guide*

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see [What's New in Cisco Product Documentation](#).

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the [What's New in Cisco Product Documentation RSS feed](#). The RSS feeds are a free service.

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