



Release Notes for Cisco Infinite Video Platform Release 18.4.2

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Introduction

This document describes the new features, open issues and closed issues for Cisco Infinite Video Platform (IVP) Release 18.4.2.

New and Changed Features

The following new or changed features have been introduced with this release.

Managed Device (ATV) Features

Feature	Description
—	None

PC and MAC Features

Feature	Description
Basic Linear Event Purchase (PPV)	Users can purchase OTT linear events from both subscribed and unsubscribed channels using the IVP App. Once purchased, users can watch live and restart the program. Recording and catchup of Linear PPV programs are not supported.
VOD Trailer Support	Users can watch trailers for VOD content (when available).

Feature	Description
Device Linear Usage Report	Devices log the following linear content usage for analytics into CER using JSON format: <ul style="list-style-type: none"> • Playback start • Playback Pause • Playback Resume • Playback Seek • Playback Stop • Playback reaches end of file • Audio language changed during playback • Subtitle language changed during playback • Error during playback
Device VOD Usage Report	Devices log the following VOD content usage for analytics into CER using JSON format: <ul style="list-style-type: none"> • Playback start • Playback Pause • Playback Resume • Playback Seek • Playback Stop • Playback reaches end of file • Audio language changed during playback • Subtitle language changed during playback • Error during playback

Android Device Features

Feature	Description
State Event Report	Devices log the following application states for analytics into CER using JSON format: <ul style="list-style-type: none"> • Application Launched • Application Killed
mDRM—Video will be blocked on Jailbreak or Rooted device	Users cannot watch video (linear, cDVR, VOD, catchup) using the application on Jailbreak (iOS) or Rooted (Android) devices.

Feature	Description
HTTPS Support	<p>The following content types are accessed using HTTPS:</p> <ul style="list-style-type: none"> • Posters • Logos • OTT video <p>The product is configured to support general public certificates to work seamlessly across CDNs.</p>

iOS Device Features

Feature	Description
State Event Report	<p>Devices log the following application states for analytics into CER using JSON format:</p> <ul style="list-style-type: none"> • Application Launched • Application Killed
Filter Most Viewed Content By Classification	<p>A Top News swimlane can be configured in the Hub to display the most popular VOD that is driven from the recommendation engine and filtered by classification.</p>

IVP Operations Hub Features

Feature	Description
Secure access using Vault	This feature supports user authentication and login for IVP Ops Hub.

Online Video Platform Features

Feature	Description
Channel Lineup Resilience	The channel lineup client serves from its cache instead of querying the server to prevent server overload.
Editorially controlled swimlanes for VOD	<p>Editorially controlled swimlanes for VOD are supported from the Ops Hub. An asset will be displayed within a classification only if existing condition rules allow it (for example, the asset catalog availability window) and if one of the following is true:</p> <ul style="list-style-type: none"> • The asset's association with the classification has no availability window (for example, the default window is infinite). • The current time is within the asset's association with the classification availability window.

Feature	Description
Enhance data for IVP-A Usage reports	<p>Service Providers have insight into their service usage. Linear and VOD Usage reports include the following updated data:</p> <ul style="list-style-type: none"> • Linear reports will not include sessions that are less than 30 seconds. • Linear reports include DVB triplet data. • VOD and linear reports include Trick mode entries instead of FF and RW. • VOD and linear reports include Skip entries for OTT position-set events.
Mixed swimlanes for VOD and linear	<p>Service Providers can manually create curated mixed swimlanes that include VOD and linear assets and channels. This feature includes the following:</p> <ul style="list-style-type: none"> • Ability to configure linear events and VOD assets to be mapped to a UX content tile menu item in a swimlane. • The number of tile mappings per swimlane is configurable. • Both entitled and unentitled content are displayed in the swimlane when mapped. For VOD, only items in the user’s catalog are displayed. • The display order of the assets is explicitly determined by the operator (for example, no sort rules will be applied). • Once an event has ended, it will be automatically removed from the swimlane. For VOD, this will be based on availability window. • The minimum allowed number of valid assets per swimlane is configurable. The default value is 5. • All parameters are configurable via Ops Hub.
State-based textual icons (New/Expiring Soon)	<p>Service Providers have the ability to provide state-based textual icons, as follows:</p> <ul style="list-style-type: none"> • NEW—VOD content that has been newly added to the catalog (less than 2 weeks ago). Channels have a New flag in the Channel Lineup. • EXPIRING SOON—VOD entitlements that will expire in the next 48 hours; Catchup content that will be removed from the catalog in the next 48 hours and VOD content that will be removed from the catalog in the next 2 weeks. • UNSUBSCRIBED— Premium channels that are not subscribed by the user and premium events that need to be purchased for viewing entitlements (TVOD).

Feature	Description
Support for creation of Newly Added/About to Expire swimlanes	Service Providers have the ability to create swimlanes for Newly Added and About to Expire assets. The client application can receive a list of classification VOD assets sorted by their ingest time (newest first) and a list of classification VOD assets about to expire.
Linear schedule image selection rules for online/connected mode	Service Providers can have low-quality and high-quality posters available for the same linear UI; pull the high-quality poster when in connected mode and pull the low-quality poster when in one-way mode. Note: DTH utilizes low-quality posters due to bandwidth limitations.
Enhanced Shop in Shop	Enhanced VOD purchase experience as follows: <ul style="list-style-type: none"> • The VOD provider's screen includes a dedicated background image, along with the title and description. • The VOD provider's screen displays a classification hierarchy, when available. • The VOD provider's screen is curateable.
Last watched channel	The channel currently being watched is displayed on the Last Watched Channels swimlane.

Known Issues

This section lists open and resolved issues for Cisco IVP Release 18.4.2. The issues describe unexpected behavior in IVP software releases.

Open Issues

The following open issues have been identified in IVP and have not been resolved.

Managed Device (ATV) Open Issues

Bug ID	Description
DE27163	Metadata is chopped off in title area of HUB > Coming UP swimlane.
DE28119	Channel 9 > Timeline > See All – Err-904 > HTTP Server Error, ERR-904 displayed.
DE28120	Audio is heard in the background even if App is minimized.
DE28122	Black Screen with no Spinner displayed in FSV after returning from YouTube.
DE28125	Channel Logos missing in Guide after Channel 800.
DE28127	Genres and Parental Ratings truncated in My Library > Series > Action Menu.
DE28128	All Metadata including Poster is missing in My Library > Bookings Event Action Menu.
DE28130	Channel 100 is a Radio channel but displays normal channel metadata.

Bug ID	Description
DE28131	Cannot play most of the channels; displays Black screen with /without spinner followed by Error after 5-10 minutes.
DE28132	Channel 37 overlaps with timer in Player Banner.
DE28133	Black screen but audio is seen playing in the background for a locked program if tuned by selecting Up/Down keys in FSV.

PC and MAC Open Issues

Bug ID	Description
DE28158	Playback is failing for all events.
DE28142	Wrong episode number ('#') is displayed for episode in a swimlane.
DE28157	VOD purchase is failing in PCMAC application (Purchase is successful in ACD with same user ID).
DE28143	For long episode titles, episode info is truncated on the episode tile.
DE28152	<i>Today</i> alignment is not proper.
DE28139	Swimlane header font size is accurate.

Android Device Open Issues

Bug ID	Description
DE28030	App automatically launches the FSV (Black screen without AV) from Action Menu page.
DE28031	On Hero Banner (posters), tap on PLAY icon.
DE28032	Channel List (Time Line), confirm on Channel Logo on the left most column.
DE28033	Main Menu >> text format, order of the Menu options in Main Menu, Menu option Name.
DE28034	Search VOD contents.
DE28035	Top most Swimlane on TV Shows, Movies Hub.
DE28036	Settings > Preferences > Adult Filtering option.
DE28037	Settings > 2nd level menu.
DE28038	Sign out popup.
DE28039	Kids Mode popup (during entry).
DE28040	Kids Mode.
DE28042	Changed to Arabic language > Check the Event Time.
DE28043	Content advisory indicator.
DE28044	Parental level indicator on events.

Bug ID	Description
DE28045	Time format on Guide > Time Bar.
DE28046	Play icon for directly Playable assets.
DE28096	On Home recommended contents are always remain same for all HH IDs.

iOS Device Open Issues

Bug ID	Description
DE28031	On Hero Banner (posters), tap on PLAY icon.
DE28032	Channel List (Time Line), confirm on Channel Logo on the left most column.
DE28033	Main Menu > text format, order of the Menu options in Main Menu, Menu option Name.
DE28034	Search VOD contents.
DE28035	Top most Swimlane on TV Shows, Movies Hub.
DE28036	Settings > Preferences > Adult Filtering option.
DE28037	Settings > 2nd level menu.
DE28038	Sign out popup.
DE28039	Kids Mode popup (during entry).
DE28040	Kids Mode.
DE28042	Changed to Arabic language > Check the Event Time.
DE28043	Content advisory indicator.
DE28044	Parental level indicator on events.
DE28045	Time format on Guide > Time Bar.
DE28046	Play icon for directly Playable assets.
DE28100	On Home recommended contents are always remain same for all HH id's
DE28102	In Channel Page > Up Next, most of the time swimlane contents are not same in ACD vs. iOS.

IVP Operations Hub Open Issues

Bug ID	Description
—	None

Online Video Platform Open Issues

Bug ID	Description
MDO-5583	CUE custom parameters are not exposed to pillar.

Bug ID	Description
MDO-5384	Docker Image creation/patching during production upgrades fails.

Closed Issues

The following issues have been resolved in IVP 18.4.2.

Managed Device (ATV) Closed Issues

Bug ID	Description
—	None

PC and MAC Closed Issues

Bug ID	Description
DE27511	After filtering, channel logos are displayed even when event are not present.
DE27506	No content is displayed under catchup.
DE25602	Scroll in the guide should be restricted when popup displayed.
DE26335	Application will crash on Pause/Resume the Live event on Safari browser.
DE27938	Event Expired icon is displayed for future events in Action Menu.

Android Device Closed Issues

Bug ID	Description
DE23438	The App Closes When we stop/cancel a recording while playing the same(FSV) from Next to see recordings.
DE25400	After playing the restricted contents in FSV, when selecting Back in Action Menu, the video doesn't play.
DE27380	Application is crashing while navigating between action menu.
DE27561	Blank screen is displayed when tapping No Title Available next event from channel list.
DE27578	Main hub is updating after coming back from action menu.

iOS Device Closed Issues

Bug ID	Description
DE27633	Crash during Selection of genre in Guide.
DE27614	Crash in Channel List.
DE27640	Fixed crash in add to watch list - App crashed when add to watchlist for seasons.
DE27614	Fixed crash in channel list - refreshing events in channel list.
DE27768	Fixed genre selection issue in hub.

IVP Operations Hub Closed Issues

Bug ID	Description
DE27287	User not able to select None or All options in Playable Device drop-down.

Online Video Platform Closed Issues

Bug ID	Description
MDO-7959	Promotion swimlanes are not presenting big posters.
MDO-7904	No RF Tuning Measurements possible in PH.
MDO-7880	SR685427020/INC0109942 - Investigate why the failover didn't work, thought is the deployer code is incorrect for setting DNS entries.
MDO-7793	DRMPPS nodes are running when they are not in use and paging out.
MDO-7756	Sensu alarm "multidrm FP server is functioning" is enabled by default and has no documentation.
MDO-7706	Consul2ELB Loses Master.
MDO-7481	Number of [haproxy] processes growing (now ~92K on some servers).
MDO-7188	Because you like/watched-series collapse is missing.
MDO-5439	DRM sac doesn't load serialization keys once an hours.

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