Service Host Release Notes

Version 2.1

Disclaimer

Technical Support

For technical support and the latest news of upgrades, documentation, and related products, visit the Vizrt web site at www.vizrt.com.

Created on

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Contents

In these release notes, you will find the following topics:

1   Service Host 2.0

Release Date: 2021-07-01

These are the release notes for Service Host version 2.0.0. This document describes the user-visible changes that have been made to the software since release 1.5.0.

1.1   New Features

Summary	Key
Channel Recorder Loop Recording Support for Sports Products	SH-453
Channel Recorder Loop Recording for Ingest	SH-87

2 issues

1.2   Known Issues

- Configuration page needs to fetch the license information. This results in a wait time until the configuration pages for plug-ins show up.
- Service Host is not forward compatible. Configurations created with a newer version will not work on older versions.
- Service Host is not able to start Viz Engine if DCH type of nVidia driver is installed. Try to configure Service Host to start Viz Engine on User Session or **clean** install "Standard" type of Nvidia driver instead.
- Service Host is not able to start Viz Engine when it is configured to start Viz Engine on User Session when no users are interactively logged on.
- For WebRTC plug-in, the nVidia Standard Driver is mandatory. DCH drivers are known to be incompatible.
- WebRTC doesn't work on Viz Engines with enabled video boards. For preview capabilities, consider using NDI instead.
- Special characters not supported when trying to rename services while using Firefox.

1.3   Supported Hardware And Software

This software has been tested to run on the following systems:

- Windows Server 2016 (64-bit), Windows Server 2019 (64-bit).
- Windows 10 (64-bit).

> ⚠ **Note:** Only English Operating System(s) are supported.

1.4   Installation

- Administrator privileges are required to install Service Host.
- OpenSLP is installed along with Service Host if not present.
- The WIBU Codemeter runtime 7.21a is installed if not already present.

1.5   Activation

Service Host does not require any license; however, it installs the WIBU Codemeter runtime.

Several Service Host plug-ins like Channel Recorder or WebRTC preview do require licenses.

2   Channel Recorder With Service Host 2.0.0

2.1   Driver Versions

- For Matrox video cards, driver version 10.2.100.26040 is required. This version is mandatory. Pre-Release versions are not supported.
- Uninstall previous versions of Matrox DSX.Utils/DSX Topology Utils prior to installing this driver.
- Install drivers only from a local drive.
- Reboot between uninstall and install of drivers, and another time after the installation has finished.
- The VfW codecs are included in this driver, so uninstall previous versions of the Matrox VfW codecs and do not install any Matrox VfW codecs over the regular driver installation.

2.2   Upgrade Notes

- Old version of Channel Recorder (1.x) should be uninstalled before installing this version.
- The Server Search list may be reset when upgrading Codemeter Runtime. Please make sure that the Server Search list is correct after an upgrade.

2.3   Bug Fixes

Summary	Key
Setting Bitrate to high value crashes Channel Recorder	SH-450
Invalid duration in VizCapture when timecode passes 12am	SH-440
Ingest lose connection to Channel Recorder - Improve stability in high DPC environment	SH-301

3 issues

2.4   New Features

Summary	Key
Retrieve single config parameters with GET	SH-438
Channel recorder service start time improvement	SH-437

Channel Recorder: Black and repeated frames detection	SH-418
Channel Recorder: Use folder size as house keeping just like disksize	SH-352
Ability to protect chunks of ongoing loop recordings	SH-350
Channel Recorder: Support for buffer based implementation for RTP / UDP / RTSP streams	SH-290
Channel Recorder: More robustness against timeout in write completion	SH-288
Channel Recorder: Support for better loop recording naming	SH-260
Channel Recorder: Support for scheduling loop recording	SH-259
ClipOutChannel: Allow writing of current timecode	SH-204
Channel Recorder: Improvement to input H264 implementation	SH-192
Channel Recorder: Enable true Crash Recorder	SH-148
Channel Recorder: Recording RTP / H.264 using DSX.Core / M264 (Part 2)	SH-98

13 issues

2.5   Known Issues

- An invalid decimal value in the GUI configuration is allowed to be saved in the XML configuration file.

3   WebRTC Preview With Service Host 2.0.0

3.1   Driver Versions

- Nvidia driver 462.31 Standard is recommended.

3.2   Known Issues

- Nvidia Standard Driver is mandatory. DCH drivers are known to be incompatible.
- WebRTC is not supported on Systems with Matrox boards.
- Only progressive formats are supported.
- HDR output is not supported by WebRTC Preview.
- Audio is not supported by WebRTC preview.

3.3   Supported Hardware And Software

WebRTC has been tested on the following platforms:

- Windows 10 (64-bit).
- Windows Server 2019, Windows Server 2016.

A Nvidia GPU supporting nvEnc is required.

4   Documentation

Documentation for Service Host, Channel Recorder, and WebRTC are available in the Service Host documentation at the Vizrt Documentation Center.

5   Support

Support is available at the Vizrt Support Portal.