

# Twonky Server 8.0.0

Based on 7.2.5

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## New features

- VidiPath (formerly known as CVP-2):
  - DIAGE added
  - EnergyManagement:1 service added
  - MPEG Dash server side support added
  - low power endpoint added
  - DLNA DTCP-DASH-profile support added

## QA information

CTT 2.0.0.05 passed  
MCVT 2.0.0.3 passed  
UPnP CTT 2.0.51 passed  
LPTT 1.22.4 passed  
LPTT CVP 2.0.16 passed

## Improvements

- TLS
  - TLS-extensions (RFC 4366) for CVP-2
  - certificates issued by CyberTrust are accepted
  - improved version-handling of different TLS versions
  - support for X509 certificates with EC-DSA
- VidiPath
  - AVC\_MP4\_MP\_SD profile support added
  - DASH\_AVC\_MP4\_HD and DASH\_AVC\_TS\_HD\_ISO profiles supported
  - improved RUIHSRC to offer only existing playspeed values
- MPEG\_DASH over DTCP
- MPEG\_DASH over RUIHS
- string pool performance improved
- device adaption can now handle different aspect ratio requirements from different devices
- improved WD TV photo browsing performance when convert is not installed
- improved robustness and mem usage of persistent views
- sanity checks for INI file settings of Twonky Server are now done before Twonky Server is started or initialized
- scale mode can now be specified by client as part of JPEG URLs
- thumbnail generation tool for mp4 videos now available on Mac timeseek support for
  - AAC\_ADTS\_320 and AAC\_ISO\_320 added
  - AVC\_MP4\_MP\_SD and AVC\_MP4\_HP\_HD added
- unused pv:crosslink properties have been removed to reduce memory consumption and improve performance
- improved CMS:GetProtocolInfo to create the ProtocolInfo dynamically based on the shared content.
- location of 'mediaserver.pid' is now configurable on Linux.
- webUI: renderer controller now supports seek

## Bug fixes

- fixed music playback for AppleTV
- removed confidential information from logging for multi user mode
- missing HW-AES initialization added to fix hardware AES support
- Mac Uninstall does now remove the "Twonky Library"
- added DTCP\_ prefix for non-mpeg files
- added missing childcounts to XML
- always enable time-seek for MPEG\_TS\_JP\_T to pass CTT
- cleanup db/watch files after share folder removed
- first change of settings on Mac no longer requires restart
- fixed DTCP-IP MPEG streaming, frame-alignment can be no longer beyond content-size
- fixed aspect ratio in Album Art extractor/generator
- fixed content-length for DTCP playspeed file
- fixed offset calculation for negative playspeed values
- fixed playspeed support with DTCP
- fixed proxy module not properly shutting down
- fixed that Twonky Server did not restart the ssdp thread after changes to the ini file
- fixed that Twonky Server terminated with a critical error when deactivating the upload feature with an rpc call
- fixed timeseek for audio required for RUIHSRC
- fixed wrong DLNA profile for O-AVC\_MP4\_HP\_HD-07
- if secure\_folder could not be created the server terminates now properly
- video thumbnails do now honor the aspect ratio of the video
- views-cache is cleared during database-rebuild
- webUI is now able to display All Photos when more than 30000 photos are shared

## Known issues

- auto update of Device DB requires a server restart

- nested folders can cause issues with multi-user setup
- sometimes webUI with Opera does not show any thumbnails
- thumbnails of rotated images do not show up correctly in webUI
- upgrading the server on Windows creates database files in the root directory