



OS8.2 BETA RELEASE NOTES

Version 8.2.55

AU3x5, XTx44, XDx34, HDx24, HS1x4, LS424, XTx43, XDx33, HDx23, HO523, HS123, LS423, 4Kx42

Changes Since 8.2.35.4

New Features

- OS-11556: Added GetUsbTopology API to brightsign/legacy/deviceinfo.
- OS-11593: Added new sendSync() API to brightsign/messageport.
- OS-11579: roHtmlWidget now provides a warning when trying to change unsafe properties after setting a URL.
- OS-11564: Added brightsign/configurednetworks JavaScript object.
- OS-11636: Logs now show if HDMI output is locked to the PCR clock, and PCR clock settings at OS level.
- OS-10300: Presentations can switch between PTP and PCR locking.
- OS-11578: Added brightsign/objectLifetimeTracker API.
- OS-11637: Added close() method to brightsign/syncmanager.
- OS-11666: Added brightsign/usbhotplug API.
- OS-11668: Video player can now control playback rate.
- OS-4741: Added ability to read CPU temperature on players without a dedicated hardware sensor.
- OS-11702: Added ifFailureReason to roAssetCollection.
- OS-11766: js_ipcassetpoolfetcher's fetchers are now independent.

Improvements

- OS-10382: roVideoMode GetHdmiInputStatus() is more resilient to unplugging cables.
- OS-11622: roHtmlWidget should handle large character paths for local storage as expected.
- OS-11603: Increased stability of HTML playback with multiple video players.
- OS-11632: Supervisor now has access to serial ports.
- OS-11630: Suppressed extraneous warnings on stream probes.
- OS-11626: Multichannel audio decoder now supports 8 channels.
- OS-11559: SSL minimum supported version changed to TLS1.2 to improve security. Additionally, SSLv3 is no longer supported on players using openssl.
- OS-11641: USB ttys devices now set permissions appropriately.
- OS-11644: Multiple video synchronized playback improved.
- OS-11600: brightsign/htmlwidget close() method now behaves as expected.
- OS-11182: Changed BrightScript window creation to no longer create invisible windows.
- OS-11639: USB Mass storage device now included in topology report.
- OS-11064: roNetworkConfiguration and brightsign/networkconfiguration now both support secure Wi-Fi password retrieval (Not supported on AU3x5 Players).
- OS-11674: Improved AU3x5 behavior to load an audio file directly to a set time.
- OS-11661: Extension names containing “-“ are now supported.
- OS-11677: Improved error reporting when unobfuscating passwords.
- OS-11680: brightsign/hostconfiguration changes now persist immediately upon update.

- OS-11635: Improved Wi-Fi stability.
- OS-11652: BSS scan limit increased from 128 to 512.
- OS-10709: Improved shade rendering on webpages, preventing unexpected areas of complete black.
- OS-11694: Playing media backwards using roVideoPlayer now behaves as expected when reaching the start of a file.
- OS-11580: Improved brightsign/networkconfiguration API.
- OS-11548: Added roUsbPowerControl support to series 4 players.
- OS-11723, OS-11750: Updated Chromium 69 with QtWebEngine CVE fixes.
- OS-11008: Wi-Fi Access Points connecting or disconnecting provide indications.
- OS-11712: Mosaic mode now supports compressed buffers.
- OS-11730: XT4 Wi-Fi passphrase obfuscation is now unique.
- OS-11564: LS424 players timebase handling has been improved, preventing audio loss.
- OS-11744: Media resource handling is now more robust.
- OS-11745: Removed unnecessary warning when muting audio.
- OS-11536: roNodeJs API has been improved for simpler exit and signal code.
- OS-11733: Python cryptographic module no longer fails when SSL3, TLS1.0, TLS1.1 are disabled on python supported players.
- OS-11754: Improved stream queue interlocking.
- OS-11793: Fixed unpacking file zips larger than 2Gb on supported Series 2 and 3 players.

- OS-11786: js_ipcassetpoolfetcher UrlTransferThread behaves now as expected.
- OS-11767: js_ipcassetpoolfetcher has been renamed to js_ipcassetfetcher.

Bug Fixes

- OS-8962: Fixed a HDCP negotiation problem with some sources.
- OS-11591: Fixed an issue that would cause files uploaded to ext4 filesystems to end up in the wrong mode.
- OS-10695: Crash dumps no longer attempt to send before the network is correctly configured.
- OS-11605: htmlplay command now behaves as expected.
- OS-11628: HTML and JavaScript audio routing settings no longer reset upon replay.
- OS-11609: AACPlus files should now play as expected.
- OS-11653: Fixed a crash that could occur when the player would attempt to play after the video ended.
- OS-11659: Calling a missing video player will no longer cause a crash.
- OS-11665: Reconfiguring networks using JavaScript no longer crashes.
- OS-11678: Applying identical network parameters no longer triggers a reconfiguration.
- OS-11648: Changed Chromium imagecache size and memory allocation to prevent crashes.
- OS-11689: AU3x5 players physical address is now 1.0.0.0.
- OS-11698: Passing unexpected types to AssetCollection should no longer cause a player reboot.
- OS-11701: roSyncPool and roAssetFetcher EnableEncodings method now returns the expected type.

- OS-10763: AU3x5 players will no longer occasionally timeout during bootup.
- OS-11707: Increased PCM buffer allocation for players with HDMI-In, preventing reboots after switching from Live to Video.
- OS-11120: Default AAC profile will now be used if no other profile is determined.
- OS-10281: Fixed string leak in parameters for roChannelManager, roStreamQueue, and roVideoMode.
- OS-11589: Fixed playback issues for HDMI-In not using HWZ.
- OS-11749: dhcpcd will no longer force a crash when misconfigured.
- OS-11740: Seeking with playback speeds other than 1.0x now reports the correct playback position.
- OS-11741: Fixed memory leak that could occur in HTML render process.
- OS-11788: @brightsign/configurednetworks no longer reports eth0 twice.
- OS-11796: BrightSignShell help command no longer disappears after using some commands.
- OS-11865: Revision 1.4 EDIDs are no longer rejected.
- OS-11795: Parsing the EDID audio descriptor no longer possibly overflows the parser.
- OS-11838: Fixed AAC support on AU3x5 players.