

RDKM Jenkins Utilities and Tools

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Overview

The CMF Team maintain an RDK-M Jenkins instance where members of the RDK-M Team can

- Access utilities and tools for
 - Creating Image Download Links
 - Getting list of changes between
 - Branches
 - Builds
 - Reserve a CMF Build Slave for performing builds
 - <https://jenkinsrdkm.cmf.code.rdkcentral.com/view/utills/>

Utility	Job	Description
Reserve a CMF build slave	utils-reserve-slave	This job reserves a manual build slave, see RDK CMF Build Slave Access
List Branch Changes	utils-list-branch-changes	Generate a list of changes between any two branches
List Build Changes	utils-build-compare	Generate a list of changes between any two builds
Generate a download link for a build	utils-download-url-generator	Create a download link for a build from any jenkins, you need the build name and number. Multiple email recipients can be added.

- View build logs of platform builds (Broadcom, Amlogic, Realtek)
 - Links to build jobs for contributions are available from rdkcentral Gerrit and Github
 - TIP: Use the *console output parsed* link from the build job instance to go straight to build errors
 - <https://jenkinsrdkm.cmf.code.rdkcentral.com/view/build-target/>
 - *More info on VA builds and manifests here: [CMF Video Accelerator Builds](#)*
- Check Status of nightly CI on tip (dunfell/kirkstone) and nightly branches
 - <https://jenkinsrdkm.cmf.code.rdkcentral.com/view/nightly/>
 - <https://jenkinsrdkm.cmf.code.rdkcentral.com/view/community/>
 - To get list of changes for all platforms between latest and previous nightly branch see
 - [nightly-branch-changes](#)
 - To check status of **nightly builds on TIP** see
 - [nightly-run-va](#)
 - To check status of **nightly branch CI builds and test** see

Platform Type	Flow Job
Community Platforms e.g. RPI	nightly-branches-dunfell
RPi-B Kirkstone	nightly-branches-kirkstone
Restricted Platforms (Broadcom, Amlogic, Realtek)	nightly-branches-platform (dunfell)

- View the CMF Sanity Test Flows
 - Device Logs
 - Video Captures and Screen Shots
 - Results
 - <https://jenkinsrdkm.cmf.code.rdkcentral.com/view/test/>
 - *More info on tests here: [CMF Video Sanity Tests](#)*

RDKM Jenkins Access

RDK-M team members have automatic access provided they are members of the RDKM_Team LDAP group and are on the Comcast Full VPN

- <https://remote.vpn.comcast.net/full>

Login is your **rdkcentral** account

RDKM Jenkins

All build-release build-target build-test cmflab community fetchall gerrit github jenkins manual nightly **test** utils weekly +

