

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
 - Perform manual verification builds
 - <https://jenkinsrdkm.cmf.code.rdkcentral.com/view/utlis/>

| Utility | Job | Description |
|--------------------------------------|--|--|
| Reserve a CMF build slave | utlis-reserve-slave | This job reserves a manual build slave, see RDK CMF Build Slave Access |
| List Branch Changes | utlis-list-branch-changes | Generate a list of changes between any two branches |
| List Build Changes | utlis-build-compare | Generate a list of changes between any two builds |
| Generate a download link for a build | utlis-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](#)
- Trigger Manual Verification builds for platforms using:
 - <https://jenkinsrdkm.cmf.code.rdkcentral.com/view/manual/job/manual-verification/>

- As usual for RPI builds you need to use community jenkins
 - <https://jenkins.code.rdkcentral.com/view/Manual/job/manual-verification/>

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

