

Release Notes - 2020 - M2

RDK Reference Platform Release - 2020 M2

Version: 1.0
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Introduction

This Release Notes document details on the delivery version 2020 M2 for the RDK Reference Platform to the RDK Community

1. Release Feature Information
2. Software and Hardware requirements to build
3. Known limitations
4. Updated Platform Tickets

Release Information

Below are the list of release features supporting R-Pi platform, Turris omnia and Emulator.

S. No	Feature	Device	Profile	Remarks	Tickets
1	IO connector plugin in R-PI Thunder image	R-PI	Video	<ul style="list-style-type: none">• Integration of IO connector plugin to R-PI thunder images	REFPLTV-393
2	Super POD connectivity to Plume cloud server through Turris Omnia RDKB Gateway	Turris Omnia	RDK-B Wi-Fi Extender	<ul style="list-style-type: none">• SuperPOD (plume) connection establishment on Turris omnia Gateway to have connectivity to Plume Cloud server.• Displaying statistics in Plume NOC and for validating the completeness of opensync integration on gateway side.• Backhaul connection to Plume cloud server from Super POD to Turris Omnia Gateway.• SuperPOD should be connected to Plume cloud server through RDKB Gateway. Then SuperPOD will be shown as online node in Plume NOC.• Wifi Extender functionality achieved with Super POD through Turris Omnia Gateway	REFPLTB-434
3	Wi-Fi Hostapd dynamic Configuration	Turris Omnia	RDK-B Wi-Fi Extender	<ul style="list-style-type: none">• Updating the configuration settings of hostapd daemon process dynamically without restarting the service• Setting the SSID of hostapd of 2GHz radio through dmcli command• Setting the Passphrase of hostapd of 2GHz radio through dmcli command	REFPLTB-539

4	Emulator for Developer (Maintenance in rdk-next branch)	Emulator	Broadband	<ul style="list-style-type: none"> Updated CMF_build_ccsp_devscript script to support the Emulator for developer feature in rdk-next branch Updated rdk-generic-broadband-dev-image bbappend and dibbler recipe to support the Emu for developer feature 	REFPLTB-540 REFPLTB-541
6	Community, TDK Tickets	RPI	Broadband	<ul style="list-style-type: none"> [TDK][RPI]Default destination address is missing in WEBUI [TDK][AUTO]Cannot connect to RPI 5GHz SSID with default password 	REFPLTB-528 REFPLTB-487

Hardware and Software Requirements

Supported software and hardware

- Preferred 2.4GHZ WIFI adapter for Emulator: Tenda 150Mbps Wireless PICO USB Adapter with RT5370 chipset (W311MI) (or)
- Preferred 2.4GHZ WIFI adapter for Emulator: TP-Link AC1200 Wireless Dual Band USB Adapter (Archer T4U)
- Preferred 5GHZ WIFI adapter for Emulator/RPI: TP-Link AC1200 Wireless Dual Band USB Adapter (Archer T4U)
- Preferred xfinity-wifi 2.4GHZ WIFI adapter for RPI: TP-LINK TL-WN823N 300Mbps Mini Wireless N USB Adapter
- New dongle - Ultra-fast 1300 (867+400) mbps wireless speed with 802.11ac
- USB to Ethernet
- Desktop PCs
- 8 GB SD-Card

Known Issues and Limitations

- Nil

Project Documentation

Below are the list of supporting documents that are part of release

1	References	<ul style="list-style-type: none"> RDK-V Thunder Framework User Guide - Beta Version Wi-Fi Extender Features RDK-B Emulator Users Guide 	These Links provides references about the features covered for this release
2	Release Notes	<ul style="list-style-type: none"> Release Notes - [2020 M2] 	Release Notes -This document
3	Requirement Traceability Table	<ul style="list-style-type: none"> E-09874-01-01_RDK_ReferencePlatforms_RTT_Feb_2020.xls 	This document tracks the requirement/feature from end to end (For Eg: from design,coding,testing, documentation are tracked for an particular feature. This enables the user to have a quick references of a particular feature

Technical Support contact

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