## Host Package

Download talaria\_two\_dual\_stack host package provided by InnoPhase IoT.

**Package Contents:**

The package includes talaria\_two\_dual\_stack\_vx.y folder (Path: *talaria\_two\_dual\_stack\talaria\_two\_dual\_stack\_vx.y*).

**Note**: x and y in *vx.y* refers to the package release version.

The talaria\_two\_dual\_stack\_vx.y folder contains the following:

1. Quick Start Guide: This document
2. apps

Contains the optional binary images of common applications like iPerf. These applications can be executed once the Dual-Stack solution is up and running.

1. doc

Contains documents which can be referred to for evaluating and working with the Dual-Stack solution:

* 1. firmware-upgrade-via-serial: Contains the Readme to flash the firmware upgrade related files to Talaria TWO
  2. Release notes
  3. Talaria TWO Host API Reference Guide
  4. Dual-Stack User Guide
  5. Example applications for Dual-Stack
  6. INP3201 schematics – MCU bypass and with Low Power MCU
  7. Hardware Guide
  8. MCU Firmware Flashing
  9. AWS Kinesis Video Streaming Quick Start Guide

1. dual-stack

Contains the Dual-Stack solutions’ software components. It also includes an example code to demonstrate custom logic on top of Dual-Stack solution to communicate with the Talaria TWO Wi-Fi module.

1. patch

Contains the patch files for the kernel and/or U-boot if it exists. These patch files should be applied to the kernel of the platform before building the kernel (optional in case of a pre-built kernel).

1. mcu

Contains the MCU firmware binary and application designed to run on T31zx to communicate with MCU over UART to enable low-power mode while using video streaming capabilities.

1. t31zx\_kernel

Contains the binary file with bootloader, Linux kernel and root filesystem for T31zx CPU.

1. wlan-sdio

Contains the SDIO host driver for the Talaria TWO Wi-Fi module (optional in case of SPI).

1. AWSIOT\_certificates

Contains the AWS IoT certificates for MQTT connection authentication.

1. readme:

Refer the Readme file for talaria\_two\_dual\_stack\_vx.y package folder structure. Follow individual readme files present in the sub-folders for more information.