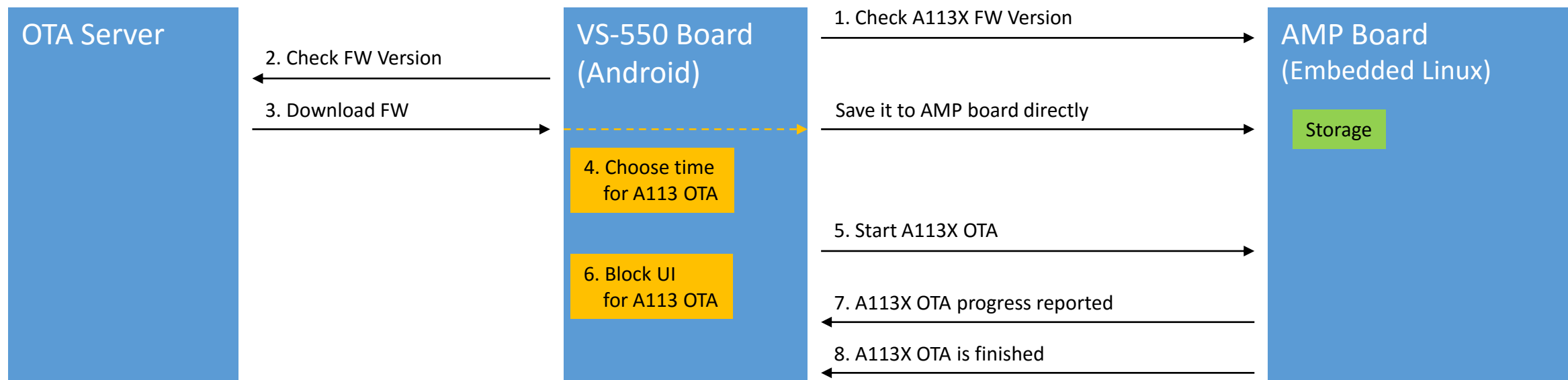


A113 OTA Flow



API and requests:

A. OTA Server

1. API to get the FW information from OTA server.
The information includes FW version, URL, size, checksum, and update mode.
Update mode could be configured by server to choose a better timing to update.
2. The IP address or domain name of the server should be fixed. (Will be hard coded in the Android App.)
3. SSL certification (HTTPS)

B. APIs shall be provided by AMP Board

1. Get current FW version
2. Start OTA
3. Get the progress/status of OTA
4. Get the state of A113X

C. Features have to be implemented at AMP Board side

1. Setup eMMC storage in AMP board(or one partition of eMMC) as USB storage of VS-550 Board
2. Provide error handling while OTA failed (Maybe A/B System update)

#based on System Block Diagram Option 1