



Part 4. Install ARC-OTA Using SDK Manager

Table of contents

Prerequisites for Installing gNB with SDK Manager

Post-Installation Steps

You can use NVIDIA SDK Manager to install directly on the target machine or from a remote machine. SDKM uses SSH to connect to the server where it installs the gNB.

Steps to install ARC-OTA using SDK Manager can be found in the [SDK Manager documentation](#)

You can download the installer

at <https://developer.download.nvidia.com/sdkmanager/redirects/sdkmanager-deb.html>

Prerequisites for Installing gNB with SDK Manager

Use the Aerial cuBB Installation Guide for the following steps:

1. Configure BIOS Settings
2. Install Ubuntu 22.04 Server
3. Install the Low-Latency Kernel
4. Configure Linux Kernel Command-line

Post-Installation Steps

1. Configure OAI L2.

IP addresses of the CN and the gNB must be configured using one of the following:

- the `gnb_cn5g_network_config.ini` file and `gnb_apply_network_config.sh` script
- the ARC-OTA installation guide steps to do it manually

2. Build the OAI L2+ image.

Follow the steps in the ARC-OTA Installation Guide.

3. Start the Aerial container.

See the ARC-OTA Installation Guide for recommended Docker run parameters. SDKmanager will start the Aerial container.

4. Start the OAI L2+ container.

See the ARC-OTA Installation Guide for recommended Docker run parameters.

5. Build the Aerial container.

Follow the instructions in the ARC-OTA Installation Guide.

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