**Azure Device Provisioning Service (DPS)**



IoT HUB

DEVICE

DEVICE PROVISIONING SERVICE [ ENROLLMENT LIST ]



How DPS works (work flow) ?

**Step 1:**

Manufacture admin will create & enter device id’s ( eg : barcode values, guid’s ) in DPS enrolment list

Already prefeed’s DPS address on device’s (while device manufacture DPS address loaded on device)

**Step 2:**

While starting device -> Device will pass device id to api end point of DPS

**Step 3:**

DPS service will check the received id exists in enrolment list or not. If exists DPS will register the device in IoT HUB

**Step 4:**

While processing above step digital twin will be created in IoT HUB

**Step 5:**

IoT HUB return’s “Digital twin device id” to DSP

**Step6:**

IoT HUB returns IoT HUB connection information to device

**Step 7:**

Device can start sending data’s directly to IoT HUB

**Step 8:**

The Device Connects to IoT HUB

The device get desired state from its device twin IoT HUB