Connect State Transition Diagram

Start

Restore
Settings
from NVS

Create
Common
Elements

MQTT
Initialize

MQTT (TLS)
Connect

Process Loop

Establish
Session
(MQTT
Connection)

The Process Loop is included here just to show you that it is
NOT part of the connection process. The ProcessLoop()
processes MQTT messages and we are only connected to
the MQTT server at the end of this connection process.

To Provision

Connected as a simple client

If the MQTT connection was temporarily dropped,
the previous session may be reestablished and
some previous activity resumed from here.

A blue link indicates each time the task yields
execution back to the RTOS scheduler.

To Shadow

Connected as "a Thing"