



900 XP

# Deploy a pre-built module to the Edge device

56 min • Module8 Units

Intermediate

AI Edge Engineer

Azure IoT Hub

Deploy a pre-built temperature simulator module to an IoT Edge device using a container. Check that the module was successfully created and deployed and view simulated data.

## Learning objectives

In this module, you will:

- Launch a module from Azure portal to IoT Edge
- Generate simulated data from an edge device
- Verify data generated from the edge device

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## Prerequisites

- Ability to use IoT Hub in Azure
- Ability to use Azure Cloud Shell
- Experience creating and managing resources using the Azure portal or Azure Cloud Shell at the beginner level
- Basic knowledge of Azure IoT Edge

## This module is part of these learning paths

[AI edge engineer](#)

### Introduction

3 min

### Use a pre-built module to generate test data

4 min

### Set up communication between IoT Hub and IoT Edge

7 min

## Exercise - Set up communication between IoT Hub and IoT Edge

15 min

## Deploy a prebuilt module to an IoT Edge device

5 min

## Exercise - Deploy a pre-built module to the IoT Edge

15 min

## Knowledge check

5 min

## Summary

2 min