

 100 XP

Use a pre-built module to generate test data

4 minutes

The IoT Edge platform works with the cloud to deploy IoT Edge **modules** to your IoT Edge devices.

What is a module?

IoT Edge modules are executable packages implemented as containers.

Through IoT Edge modules, you can deploy cloud workloads to run directly on IoT devices. IoT Edge modules are the smallest computation units managed by IoT Edge. Using IoT Edge modules, you can analyze data on devices instead of the cloud. By moving parts of your workload to the edge, your devices can spend less time sending messages to the cloud and react more quickly to events.

What is a pre-built module?

Pre-built IoT Edge Modules are accessed through the Azure Marketplace, where third-party publishers can make their modules available. The module you deploy simulates a sensor. It sends generated data back to the IoT Hub. You can use the simulated data for development and testing your IoT solution.

Next unit: Set up communication between IoT Hub and IoT Edge

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