



700 XP

Introduction to Azure Sphere

30 min • Module6 Units

Beginner

AI Edge Engineer

Azure IoT Edge

Determine the types of business problems that can be solved using Azure Sphere. Explain the capabilities and the components (microcontroller unit, operating system, cloud-based security service) for the Azure Sphere. Describe how the components provide a secure platform to develop, deploy, and maintain secure internet connected IoT solutions.

Learning objectives

In this module, you will:

- Evaluate whether Azure Sphere is right product for creating secure IoT applications
- Describe how the components of an Azure Sphere work together to create end-to-end secure environment for IoT devices

"Produced in partnership with the University of Oxford – Ajit Jaokar, Artificial Intelligence: Cloud and Edge Implementations course."

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Prerequisites

- Basic understanding of IoT
- Basic understanding of IoT Edge

This module is part of these learning paths

[AI edge engineer](#)[Introduction](#)

4 min

What is Azure Sphere?

8 min

How Azure Sphere works

6 min

When to use Azure Sphere

5 min

Knowledge check

5 min

Summary

2 min