Welcome to embedded SIM (eSIM)

5G_121d | On-Demand | 5G Core | Express
Course Duration: 1 hour

Subscriber Identity Modules (SIM) have evolved a long way and embedded SIM (eSIM) has become an essential component of 5G device enablement, especially with proliferation of massive IoT (massive Machine Type Communication - mMTC) devices. This training provides an evolution from SIM to USIM to eSIM, an architecture of eSIM/eUICC, and describes a few use cases for both consumer and M2M devices.

Intended Audience

This training is designed for a broad audience of personnel working in the wireless industry.

Objectives

After completing this course, the learner will be able to:

- Define eSIM and sketch evolution path from SIM to eSIM
- Sketch eSIM architecture framework for Remote Service Provisioning (RSP)
- Describe eSIM solution for Consumer and M2M
- Walk through the role of eSIM in use cases such as dual subscription, roaming, etc.

Course Prerequisites

No Prerequisites

Outline

1. eSIM - What and Why?
1.1 Evolution from SIM to eSIM
1.2 What is an eSIM?
1.3 eSIM benefits and drawbacks
1.4 Physical SIM vs. eSIM

2. eSIM Architecture and Remote Service Provisioning
2.1 RSP and eSIM architecture modules
2.2 eSIM solution security

3. eSIM Use Cases
3.1 eSIM use cases

Putting It All Together

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