Welcome to Network Slicing in 5G

5G_123d | On-Demand | 5G Core | Express
Course Duration: 1 hour

Network slicing is one of the key components that provides logical virtual network slices to support diversified services such as mobile broadband, massive IoT, and ultra-reliable low-latency services by leveraging the technologies of 5G, virtualization, automation, and data analytics. This training provides an overview of network slicing across an end-to-end 5G network, including the 5G Core, 5G RAN, and Transport networks, along with its operational and deployment use cases.

Intended Audience

This course 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 network slicing and identify key benefits
- Explore various use cases of network slicing
- Sketch the framework of network slicing
- Step through the operation of network slicing in 5G

Outline

1. Network Slicing: What and Why?
1.1 Defining network slicing
1.2 Benefits of network slicing
1.3 Key enablers of network slicing

2. Network Slicing Framework
2.1 Terminology of network slicing
2.2 5G Core network Functions for network slicing
2.3 Network slicing examples

3. Network Slicing Operations
3.1 Configuring a network slice
3.2 Requesting a network slice
3.3 Deployment considerations

Putting it all together

Final assessment

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