



# Welcome to Network Slicing in 5G

5G\_123d | On-Demand | 5G Core | ⚙️

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