Welcome to Voice Solutions in 5G

5G_115d | On-Demand | 5G Core | Express
Course Duration: 1 hour

Voice over New Radio (VoNR) and EPS Fallback are some of the ways to support voice-related services in 5G. This training presents an overview of an end-to-end network architecture of 5G, key network components, and high-level operations of example call scenarios for voice services.

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:

- Identify the various solutions of supporting voice and related services in 5G
- Sketch an end-to-end architecture using the 5G RAN, 5G core and IMS
- Describe VoNR and EPS Fallback and related scenarios in commercial 5G networks

Course Prerequisites

No Prerequisites

Outline

1. Voice Solutions in 5G Networks
1.1 Voice Evolution in Wireless Networks
1.2 VoNR Requirements
1.3 Voice Options in 5G

2. VoNR Overview
2.1 VoNR Architecture
2.2 VoNR Operations

3. EPS Fallback Overview
3.1 EPS Fallback Architecture
3.2 EPS Fallback Operations

Putting It All Together

Final Assessment

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