



Welcome to Voice Solutions in 5G

5G_115d | On-Demand | 5G Core | ⚙️

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