

Voice over New Radio (VoNR)

Architecture and Procedures

With the introduction of the 5th generation mobile networks (VoNR), telephony must also be adapted to the new architecture. The IMS for controlling the service will be retained. However, new interfaces in the direction of the mobile network are a necessary prerequisite for ensuring public telephony. In particular, the different scenarios in a mixed EPS, 5GS environment are described in this course and discussed using examples.

Course Contents

- Voice over New Radio (VoNR)
- IMS architecture
- 5G architecture
- Registration on the 5G core
- Registration on the IMS
- Processes for registering and setting up PDU sessions
- Interfaces between IMS and 5G core
- EPS fallback
- RAT handover
- SRVCC to 3G
- Establishing a voice connection in different scenarios
- Non-3GPP access and telephony
- Emergency call
- Quality of Service
- Service continuity
- Dual connectivity
- Service Based Interfaces in the IMS
- User Data Interworking, Coexistence and Migration (UDICOM)

Target Group

This course is aimed at people from technology and presales who already have previous knowledge of Voice over LTE and want to understand the changes that will be necessary for telephony with the introduction of the 5G architecture.

Prerequisites

You should already have previous knowledge of Voice over LTE, for example by attending the course Voice over LTE - 4G, IMS, WLAN calling and network coupling.

Course Target

In this course, you will learn what requirements a 5G network must meet in order to make phone calls and what the necessary processes in the 5G core in IMS and between the architectures look like in detail. You will learn the exact differences to VoLTE and the expansion towards WLAN telephony.

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.experteach-training.com/go/VoNR

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

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Premium Print Package



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Training	Prices, excl. of V.A.T.	
Classes in Germany	2 Days	€ 1,995
Online Training	2 Days	€ 1,995
Date/course venue	Course language German	
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Table of Contents

Voice over New Radio (VoNR) – Architecture and Procedures

1	5G Access	3.7.5	IMS Restoration
1.1	The 5G System 5GS	3.8	Voice over New Radio: Call Flow
1.1.1	The 5G User Equipment 5G UE	3.8.1	Registration Request for Packet Voice (1/4)
1.1.2	Task Splitting between NG RAN & 5GC	3.8.2	VoNR UE IMS Registration (2/2)
1.1.3	5G Core Network 5GC	3.8.3	VoNR Call Setup (Principle)
1.2	Initial Registration (1/3)	3.8.4	VoNR Call Setup: MO Call (1/2)
1.3	PDU Session Establishment	3.8.5	Rx/N5 Interface
1.4	Handover	3.8.6	GSMA NG. 114
1.4.1	N26 Interface: Interworking EPC - 5GC	3.9	SRVCC According to 3G
1.4.2	5GS—EPS Handover (1/2)	3.10	Non-3GPP Access
1.5	EPC—5GS Interworking and Migration	3.10.1	Untrusted Non-3GPP Access
1.6	Dual Connectivity	3.10.2	Trusted Non-3GPP Access
		3.10.3	Wireline Non-3GPP Access
2	The IMS Architecture	3.10.4	Telephony and Non-3GPP Access
2.1	The General Setup of the IMS	3.10.5	Handover for Non-3GPP Access
2.2	Control Functions	3.11	VoNR and Network Slicing
2.2.1	P-CSCF		
2.2.2	I-CSCF	4	Roaming
2.2.3	Serving CSCF	4.1	5G—Roaming in an Overview
2.3	Application Server	4.2	Home Routing
2.4	Media Resource Function	4.2.1	PDU Session Request with Home Routing (1/2)
2.5	Databases	4.2.2	VoNR with Home Routing
2.5.1	The User Profile	4.3	Local Breakout
2.5.2	Initial Filter Criteria	4.3.1	VoNR with Local Breakout
2.6	Service-Based Architecture and IMS	4.3.2	Emergency Call with National Roaming
2.7	Gateways	4.4	Interconnection
2.8	IMS Call Flows		
2.8.1	IMS Registration	A	List of Abbreviations
2.8.2	Identities in the IMS		
2.8.3	Authentication and Encryption		
2.8.4	PS-to-PS Call (1)		
2.8.5	PS-to-CS Call		
3	Voice over New Radio		
3.1	Selection of the Access Network		
3.2	5G Telephony		
3.3	Voice over LTE and NSA Dual Connectivity		
3.4	EPS Fallback		
3.4.1	EPS Fallback: Call Flow		
3.5	RAT Fallback		
3.6	Voice over New Radio: Architecture		
3.7	Demands Made on the Access Network		
3.7.1	VoNR and the Air Interface		
3.7.2	P-CSCF Reachability		
3.7.3	UDICOM		
3.7.4	QI: QoS Characteristics & Applications		

