TK464: Cloud RAN

Duration

1.0 Days

Course Content

1. **Cloud RAN Drivers**
2. **Distributed, Centralized and Cloud RAN topologies**
3. **Cloud RAN Benefits**
   - **3.1.** Reduced CAPEX/OPEX for operators
   - **3.2.** Improved user experience through less interference
4. **Cloud RAN challenges**
   - **4.1.** Enable Flexible Packetized X-haul
   - **4.2.** Maximize use of server platforms
   - **4.3.** RAN software optimized for Cloud operation
   - **4.4.** Cloud Orchestration
   - **4.5.** Multi-cell coordination
5. **Cloud Use Cases**
6. **Cloud RAN Services**
7. **Cloud BTS**
8. **Cloud RAN Deployment Model**
   - **8.1.** Cloud RAN for Nokia
   - **8.2.** Cloud RAN for Ericsson
   - **8.3.** Cloud RAN for Huawei
9. **Cloud RAN Architecture for 5G**

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