



RTU class4 / class 5

Administrator Training Program



1. RTU class 4 / class 5 overview

- 1.1. Functions
- 1.2. Architecture

2. Traffic Switch

- 2.1. TS nodes and hardware requirements
- 2.2. SS7 Specification
- 2.3. TS redundancy
- 2.4. IP Zones and locations
- 2.5. Troubleshooting basics

3. Traffic Manager

- 3.1. TM function
- 3.2. MySQL Database
- 3.3. TM replication

4. RTU class 4 (wholesale)

- 4.1. Web interface capabilities
- 4.2. TS management

- 4.3. Call processing
 - 4.3.1. Call authorization
 - 4.3.2. Call routing

- 4.4. Basic System settings
 - 4.4.1. Customer/ Vendor equipment
 - 4.4.2. Network Zones
 - 4.4.3. Pre-routing number translations
 - 4.4.4. Dialpeers
 - 4.4.5. CDRs

- 4.5. Advanced settings
 - 4.5.1. Advanced equipment setting
 - 4.5.2. RAS and SIP registrations
 - 4.5.3. Codec groups
 - 4.5.4. Disconnect codes
 - 4.5.5. Calling party categories
 - 4.5.6. Real-time statistics, reporting and charts



4.6. Routing features

- 4.6.1. Routing Group
- 4.6.2. Number Translations
- 4.6.3. Radius interaction
- 4.6.4. Routing policy
- 4.6.5. Looking Ahead Routing
- 4.6.6. Call simulation
- 4.6.7. ENUM

4.7. Additional features

- 4.7.1. CDR export
- 4.7.2. User roles
- 4.7.3. Global settings
- 4.7.4. Logs

4.8. Billing features

- 4.8.1. Offline billing (based on CDRs export)
- 4.8.2. Online billing and RADIUS support

5. RTU class 5 (PBX)

5.1. Web-interface capabilities

5.2. Terminology and theory

- 5.2.1. Subscribers
- 5.2.2. Gateways
- 5.2.3. Basic services (Call Transfer, Call Forward, Conference)
- 5.2.4. Groups
- 5.2.5. Routes
- 5.2.6. Calls processing
- 5.2.7. Call Detail Records and monitoring

5.3. Basic System settings

- 5.3.1. Configuration and administration
- 5.3.2. Codecs settings
- 5.3.3. User settings
- 5.3.4. Gateway settings
- 5.3.5. IVR and Auto attendant
- 5.3.6. Route settings
- 5.3.7. Number translation
- 5.3.8. Call simulation



5.4. Advanced features

- 5.4.1. Personal services (Alarm clock, Follow me, autodial)
- 5.4.2. Set and query of services
- 5.4.3. Call center services (Call Pickup, Group Call, Call Queue, Chat room)
- 5.4.4. Voicemail service
- 5.4.5. Fax transfer and VirtualFax (Fax to E-mail)
- 5.4.6. Audio Prompts
- 5.4.7. Extended internal numbers (aliases)
- 5.4.8. ENUM
- 5.4.9. Domains

5.5. Subscriber's personal Web Office (PC and mobile)

- 5.5.1. Settings
- 5.5.2. List of service
- 5.5.3. Alarm Clock
- 5.5.4. Follow me
- 5.5.5. Black/White lists
- 5.5.6. Do not disturb
- 5.5.7. Speed dial
- 5.5.8. Redial
- 5.5.9. Call back

5.6. Billing features

- 5.7. Offline billing (based on CDRs export)
- 5.8. Online billing and RADIUS support
- 5.9. Default subscribers
- 5.10. Calling Card Platform

6. Practice

- 6.1. Test call demonstration
 - 6.1.1. Transit call
 - 6.1.2. User to value-added service
- 6.2. TS console troubleshooting
- 6.3. System logs

Training duration: 3 days

To make the training more efficient, please notify in advance if you have any additional questions about RTU functionalities or specific configuration scenarios.