R&S Networks and Cybersecurity

FEATURE NOTES
LCOS 11.00 RC1

ROHDE&SCHWARZ

Make ideas real



LCOS 11.00 RC1

For secure and future-ready networks!

Highlight features:

- VPN encryption with post-quantum cryptography
- VRRP for VoIP environments

HIGHLIGHT LCOS 11.00 RC1

Future-proof VPN encryption with post-quantum cryptography



- Preparing IKEv2 VPN connections for future threats posed by quantum computers
- Post-quantum cryptography: Use of modern, quantum-resistant mechanisms for key exchange
- Hybrid security approach: Combination of classical encryption methods with the quantum-resistant ML-KEM algorithm
- Supported ML-KEM groups: DH35, DH36, and DH37

HIGHLIGHT LCOS 11.00 RC1

VRRP for high-availability VoIP environments



- Redundant operation of the Voice Call Manager on R&S®LANCOM SD-WAN VoIP gateways using VRRP
- Redundant gateway architecture: Multiple physical gateways operate as a single virtual gateway
- Automatic failover: A standby device takes over network communication if the active gateway fails
- SIP endpoints can re-register with the new master device after a failover
- Telephony functions are quickly restored after a failure

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THANK YOU