

Nuage Networks 210 WBX



Online Course

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Nuage Networks 210 WBX

Course Modules

1.Product Introduction

- Nuage Networks Portfolio Overview
- 210 WBX Variants
- Main Use Cases

2.System Configuration

- WBX Software Installation
- WBX Management
- WBX Automated Configuration
- WBX SR OS Basic Configuration
- WBX SR OS Ethernet Ports Configuration

3.Underlay Routing

- Underlay Routing Overview
- OSPF and OSPFv3 Configuration
- BGP Configuration for IPv4 and IPv6



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4. Manually Configured Services

- SR OS Services
- Service Components
- Local Services on the WBX
- Combination of Local Services
- Ethernet Virtual Private Network (EVPN)
- Configuration of Distributed Services on the WBX
- VLAN Transparency
- MAC Move

5. VXLAN Gateways

- 210 WBX as a VXLAN Gateway
- Overlay Networks and the WBX
- XMPP Communication with the VSD
- WBX configuration from the VSD
- Creating vPorts on the 210 WBX
- Using BGP on WBX
- Introduction to the Backhaul VPLS

6. Extending Overlay Networks

- Overlay Networks access to External Networks
- Stretching a Domain Through the WBX
- Stretching a Domain Through the WBX using BGP



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7.Redundancy and Multi-Chassis LAG

- WBX Multi-Chassis LAG
- MC-LAG Basic Configuration
- MC-LAG Configuration for Underlay Traffic
- MC-LAG Configuration for Overlay Traffic

8.Security and Quality of Service on the WBX

- Security Overview
- Management Plane Security
- Control Plane Security
- Traffic Filtering in the Underlay
- Overlay Network security policies on the WBX
- WBX Quality of Service features
- Quality of Service in Overlay Network

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9.WBX Monitoring Tools

- Event Logging
- Statistics
- Traffic Mirroring
- Miscellaneous Monitoring Commands

10. WBX-OpenStack Integration and Telco Cloud

- Introduction to the Telco Cloud and NFV principles
- OpenStack Overview
- WBX Positioning in the Telco Cloud Solution
- Configure WBX as VXLAN GW from OpenStack
- Automated SRIOV and WBX Orchestration

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