



Aruba Networking

Network Fundamentals

- OSI & TCP/IP models
- IP Addressing
- TCP & UDP protocols
- Infrastructure components in a network
- General Overview of HPE ARUBA Switches
- Aruba Switching Solutions (Product overview)
- Initial ARUBA Switch Configuration

LAN Switching

- VLANs Overview
- VLAN Benefits
- Trunk overview
- Trunk Between Aruba and Cisco Switches
- Inter-VLAN Routing
- STP:- Why do we need it
- Different STP Protocol Types
- STP Port Roles and Port States
- STP (Root Election Port Costs and Edge Ports)
- MSTP
- LACP
- LACP Operational Modes

VSF (VIRTUAL SWITCHING FRAMEWORK)

- VSF Overview
- VSF Planes and Members
- VSF Link and VSF Configuration

ROUTING

- IP Routing Overview and Types
- Static Routing
- Dynamic Routing
- OSPF
- OSPF (OSPF LSA Types and Router Roles)

AirWave

- AirWave Capabilities
- AirWave Deployment Types
- AirWave Management Levels

ARUBA CENTRAL

- Understand the architecture
- Capabilities of Aruba Central Provision, Group
- Configure Aruba access points and switches Monitor network performance
- Client health using AI Insights
- Troubleshoot network issues using built-in diagnostics and logs

