



Cumulus Linux Architecture

Requirement	Result/Comments
<input type="checkbox"/> Understand out-of-the-box bare metal switch state	
<input type="checkbox"/> Understand how to connect to supported switch	
<input type="checkbox"/> Understand Cumulus Linux architecture and components	

Cumulus Linux OS Installation

Requirement	Result/Comments
<input type="checkbox"/> Understand ONIE	
<input type="checkbox"/> Verify switch is on HCL	
<input type="checkbox"/> Install Cumulus Linux	
<input type="checkbox"/> Understand how to use Zero Touch Provisioning	

Initial Configuration

Requirement	Result/Comments
<input type="checkbox"/> Configure hostname, FQDN	
<input type="checkbox"/> Set MOTD	
<input type="checkbox"/> Configure time, hwclock, and NTP	
<input type="checkbox"/> Configure management interface	
<input type="checkbox"/> Configure DHCP relay	
<input type="checkbox"/> Create user account	
<input type="checkbox"/> Understand how to interact with CLI and console	
<input type="checkbox"/> Verify what ports and protocols are open	
<input type="checkbox"/> Install Cumulus Linux license	

Front Panel Ports

Requirement	Result/Comments
<input type="checkbox"/> Add IP address to switch port	



- Set speed, duplex, MTU
- Show interface state and statistics
- Show neighbors
- Show ARP table

Layer 2

Requirement	Result/Comments
<input type="checkbox"/> Create bridge and show learned MAC addresses	
<input type="checkbox"/> Configure STP/RSTP	
<input type="checkbox"/> Create bond	
<input type="checkbox"/> Create VLAN	

Layer 3

Requirement	Result/Comments
<input type="checkbox"/> Add static route	
<input type="checkbox"/> Configure OSPF/OSPFv3	
<input type="checkbox"/> Configure BGP	

Backup/Restore

Requirement	Result/Comments
<input type="checkbox"/> Back up persistent configuration settings	
<input type="checkbox"/> Restore and apply configuration settings from backup	

Monitoring and Support

Requirement	Result/Comments
<input type="checkbox"/> Check resources (CPU, memory, sensors)	
<input type="checkbox"/> Check relevant system logs	
<input type="checkbox"/> Configure monitoring	
<input type="checkbox"/> Verify cabling via PTMD	



- Generate support file
- File a Cumulus Networks™ Support Request ticket

Cumulus Linux OS Management

Requirement	Result/Comments
<input type="checkbox"/> Configure local apt-get repository)	
<input type="checkbox"/> Upgrade Cumulus Linux OS version	
<input type="checkbox"/> Restore previous Cumulus Linux OS version	