<table>
<thead>
<tr>
<th>Title</th>
<th>Objective</th>
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| Static Routing      | • More specific routes  
• ECMP + LAB  
• How to force gateway over specific interface  
• Gateway reachability check and route distance + LAB  
• Routing mark and route policy + LAB  
• Recursive next-hop and scope/target-scope usage + LAB |
| Point to point addressing | • PtP address configuration + LAB |
| VPN                 | • What is VPN?  
• Different types of VPN  
• Site to site connectivity with tunnels (IPIP, EoIP, PPTP, SSTP, L2TP, PPPoE) + LAB  
• Vlan and it's usage  
• QinQ implementation + LAB  
• Vlan and managed switch  
• Vlan and switch chip configuration on Rbs + LAB |
| OSPF                | • What is OSPF?  
• How OSPF protocol works (Hello protocol, Database distribution and LSA types explained)  
• OSPF network structure (Areas, Router types)  
• OSPF neighbors and neighbor states (DR and BDR election) + LAB  
• External Route Distribution methods (type1, type2) + LAB  
• Interface cost and interface types (broadcast, NBMA, etc.) + LAB  
• SPT calculation algorithm  
• OSPF and multicast (problems with NBMA)  
• Stub, NSSA and area ranges (route aggregation) + LAB  
• Virtual links, usage and limitations + LAB  
• OSPF routing filters and limitations + LAB |