Blueprint: EC-301 Ericsson Certified Professional - IPN

TOPICS	
IGP	
Demonstrate knowledge of RIP (SEOS and theory)	
Demonstrate knowledge of OSPF (SEOS and theory)	
Demonstrate knowledge of IS-IS (SEOS and theory)	
BGP	
Demonstrate knowledge of BGP/MP-BGP (SEOS and theory)	
Describe BGP attributes and route manipulation (SEOS and theory)	
Given a scenario, demonstrate knowledge of how to implement confederation BGP and/or route reflectors (SEOS and theory)	
Describe route reliability/stability (SEOS and theory)	
REDISTRIBUTION AND PBR	
Given a scenario, describe how to redistribute routes among different routing protocols (SEOS and theory)	
Given a scenario, describe policy-based routing (PBR) (SEOS and theory)	
SWITCHING	
Given a scenario, describe ECMP (SEOS and theory)	
Demonstrate knowledge of loop prevention (SEOS and theory)	
Describe cross connects (SEOS focus only)	
RESILIENCY	
Describe how LACP and LAG work (SEOS and theory)	
Given a scenario, demonstrate knowledge of VRRP (SEOS and theory)	
Demonstrate knowledge of BFD (SEOS and theory)	
Describe how Graceful Restart (GR) and Non-Stop Routing (NSR) work (SEOS and theory)	
Given a scenario, describe ECMP (SEOS and theory)	
MULTICAST	
Demonstrate the knowledge of IGMP and multicast (SEOS and theory)	
Demonstrate knowledge on how PIM routing works (SEOS and theory)	
QoS	
Describe QoS classification, rate limiting, and propagation (SEOS and theory)	
Describe QoS congestion avoidance and scheduling mechanisms (SEOS and theory)	
IPv6	
Demonstrate knowledge of IPv6 concepts and apply them to SEOS configurations	
Describe how IPv6 interoperates within an IPv4 network (SEOS and theory)	
SECURITY	
Demonstrate knowledge of control plane security (SEOS focus only)	
Demonstrate knowledge of security measures (SEOS and theory)	
TROUBLESHOOTING	
Demonstrate knowledge of common troubleshooting skills (SEOS focus only)	