Part 1: Configurations for Access Switch	Part 2: Configurations for Access Point and Controller
• Interface and Hardware • Switch Hardening • Layer 2 • Network Management • Stacking Configuration • System Management • Patch upgrade of IOS, and Software Images • VLAN • Basic configuration Features are included • Cisco Flexible NetFlow • Openflow • QoS • Security • Configuring Cisco IOS IP SLAs	• AP Radio Setting • Setting Multiple SSIDs • Spanning Tree Protocol • Access Point as a Local Authenticator • VLANs • AP Filters • AP CDP or similar discovery protocol • Setup of SNMP • Integration of WLAN with Domain Controller.

Part 3: Configurations for Core/Distributor Switch

• Switch Hardening • Virtual Switching Systems (VSS) • Enhanced Fast Software Upgrade (eFSU) • Stateful Switchover (SSO) • Non-Stop Forwarding (NSF) • RPR Supervisor Engine Redundancy • Interface Configuration • UniDirectional Link Detection (UDLD) • Switch Fabric Functionality • Layer 2 LAN Port Configuration • Flex Links • EtherChannels • IEEE 802.1ak MVRP and MRP • VLAN Trunking Protocol (VTP) • VLANs • Private VLANs (PVLANs) • Private Hosts • IEEE 802.1Q Tunneling • Layer 2 Protocol Tunneling • Spanning Tree Protocols (STP, MST) • Optional STP Features • IP Unicast Layer 3 Switching • Policy Based Routing (PBR) • Layer 3 Interface Configuration • Multiprotocol Label Switching (MPLS) • Ethernet over MPLS (EoMPLS) • L2VPN Advanced VPLS (A-VPLS) • Ethernet Virtual Connections (EVC) • Layer 2 over Multipoint GRE (L2omGRE)	• NetFlow Hardware Support • Backplane Platform Monitoring • Local SPAN, RSPAN, and ERSPAN • SNMP IfIndex Persistence • Layer 2 Traceroute Utility • PFC QoS Classification, Marking, and Policing • PFC QoS Policy Based Queueing • PFC QoS Global and Interface Options • AutoQoS - Training is required • PFC QoS Statistics Data Export • IOS ACL Support • TrustSec (CTS) • MAC Address-Based Traffic Blocking • Port ACLs (PACLs) • VLAN ACLs (VACLs) • Policy-Based Forwarding (PBF) • Denial of Service (DoS) Protection • Control Plane Policing (CoPP) • Dynamic Host Configuration Protocol (DHCP) Snooping • IP Source Guard • Dynamic ARP Inspection (DAI) • Traffic Storm Control • Unknown Unicast Flood Control • IEEE 802.1X Port-Based Authentication • Configuring Web-Based Authentication • Port Security