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Campus Network	Cisco Exam Review: CCNA	<u> </u>	•		
Campus Network	Cisco Exam Review: ENARSI		•		
Campus Network	Cisco Exam Review: ENCOR		•		
Campus Network	Configure a Switch Stack Using Cisco Catalyst 9300 Series Switches	<u> </u>	-		•
Campus Network	Configure a WLAN to Use WPA2 PSK				•
Campus Network	Configure AAA Services				•
Campus Network	Configure an Interface on a Cisco Router	<u> </u>			•
Campus Network	Configure and Verify EtherChannel				•
Campus Network	Configure and Verify Flexible NetFlow				•
Campus Network	Configure and Verify IPv4 ACLs				•
Campus Network	Configure and Verify IPv4 Static Routes				•
Campus Network	Configure and Verify Layer 2 Discovery Protocols				•
Campus Network	Configure and Verify NTP				•
Campus Network	Configure and Verify Port Security				•
Campus Network	Configure and Verify Single-Area OSPF				•
Campus Network	Configure BGP Advanced Features				•
Campus Network	Configure BGP Route Reflectors				•
Campus Network	Configure BYOD in the Wireless Network				•
Campus Network	Configure Default Gateway				•
Campus Network	Configure EIGRP Load Balancing and Authentication				•
Campus Network	Configure EIGRP Stub Routing, Summarization, and Default Routing				•
Campus Network	Configure EIGRP Using Classic Mode and Named Mode for IPv4 and IPv6				•
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Campus Network	Configure OSPF Stub Areas and Summarization			İ	•
Campus Network	Configure OSPFv3 for IPv4 and IPv6				•
Campus Network	Configure Perpetual PoE and Fast PoE on the Cisco Catalyst 9000 Series Switch				•
Campus Network	Configure QoS in the Wireless Network for Voice and Video Services			İ	•
Campus Network	Configure Routing with VRF-Lite				•
Campus Network	Configure Secure Management Access for WLCs and APs				•
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Campus Network	Configure VLAN and Trunk				•
Campus Network	Configure Wireless Client Authentication in a Centralized Deployment			İ	•
Campus Network	Create the Cisco IOS Image Backup				•
Campus Network	Define a RADIUS Server and Enable SNMP and Syslog			İ	•
Campus Network	Deploy Cisco SD-Access Single Site Fabric				•
Campus Network	Deploy Fabric Wireless Network with Cisco DNA Center				•
	Deploy SD-Access Layer 2 Borders and Multicast and Integrate Cisco DNA Center with External				
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Campus Network	Designing Cisco Enterprise Networks (ENSLD)		•	40	
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Campus Network	Explore Cisco DNA Center and Automate Network Changes				•
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Campus Network	Implement On-Box Programmability and Automation with Cisco IOS XE Software				•
Campus Network	Implement PBR				•
Campus Network	Implement Routing Protocol Redistribution				•
Campus Network	Implement Streaming Telemetry with Cisco IOS XE			İ	•
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Campus Network	Implementing and Administering Cisco Solutions (CCNA)		•	30	
Campus Network	Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)		•	64	
Campus Network	Implementing Automation for Cisco Enterprise Solutions (ENAUI)		•	24	
Campus Network	Implementing Cisco Catalyst 9000 Series Switches (ENC9K)		•	18	
Campus Network	Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)		•	40	
Campus Network	Implementing Cisco Enterprise Wireless Networks (ENWLSI)		•	40	
Campus Network	Integrate Cisco DNA Center and Cisco ISE				•
Campus Network	Introduction to 802.1X Operations for Cisco Security Professionals (802.1X)		•	18	<u> </u>
Campus Network	IPv6 Fundamentals, Design, and Deployment (IP6FD)		•	40	<u> </u>
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Campus Network	Manage Policies with Ansible		•		•
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Campus Network	Perform Basic Switch Configuration				•
Campus Network	Perform GIR on Cisco Catalyst 9000 Series Switch				•
Campus Network	Prepare Cisco DNA Center for Assurance				•
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Campus Network	Transforming to a Cisco Intent-Based Network (IBNTRN)	<u> </u>	•	40	
Campus Network	Troubleshoot BGP Issues	1	<u> </u>	,~	•
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Campus Network	Understanding Cisco Wireless Foundations (WLFNDU)		•	30	
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Campus Network	Use Python on Cisco IOS XE Software				•
Campus Network	Verify the EIGRP Topology Table				•
Campus Network	Verify the Link-State Database				•
Campus Network	Cisco DevNet Automation Bootcamp for Enterprise Networking		•		
Campus Network	Troubleshooting Cisco Enterprise Networking Solutions (ENTSH)		•	30	
Cisco Meraki Network	Cisco DevNet Automation Bootcamp for Meraki		•	55	
Cisco Meraki Network	Cisco Meraki: Managing Mobile Devices with Device Systems Manager	•			
Cisco Meraki Network	Cisco Meraki: Meraki Surveillance	•			
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Cisco Meraki Network	Configure the Cisco Meraki Dashboard				•
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Cloud and Network Security	Cisco NGFW IEP: Implementing Security Features	•			
Cloud and Network Security	Cisco NGFW IEP: Implementing VPN with NGFW	•			
Cloud and Network Security	Cisco NGFW IEP: Management & Visibility	•			
Cloud and Network Security	Cisco NGFW IEP: NGFW Access Control Polices	•			
Cloud and Network Security	Cisco Umbrella Dashboards and Reporting	•			
Cloud and Network Security	Configure Cisco Secure Firewall Policies	1			•
Cloud and Network Security	Configure Cisco Umbrella DNS Policies				•
Cloud and Network Security	Configure RA VPN on the Cisco Secure Firewall Threat Defense				•
Cloud and Network Security	Data Center Firewall Dashboards and Reporting	•			
Cloud and Network Security	Data Center Firewall Licensing	•			
Cloud and Network Security	Data Center Firewall Operational Monitoring	•			
Cloud and Network Security	Data Center Firewall Troubleshooting	•			
Cloud and Network Security	Deploy Cisco Umbrella Secure Internet Gateway				•
Cloud and Network Security	Designing and Implementing Secure Cloud Access for Users and Endpoints (SCAZT)		•	40	
Cloud and Network Security	Identity Integrations with Cisco Umbrella	•			
Cloud and Network Security	Implement CASB Security				•
Cloud and Network Security	Implement Cisco DUO Authentication Proxy MFA for Cisco Remote Access VPN				•
Cloud and Network Security	Implementing Umbrella DNS Security	•			
Cloud and Network Security	Implementing Web and Firewall Policies	•			
Cloud and Network Security	Integrating with Cisco Umbrella	•			
Cloud and Network Security	Introduction to DNS Security	•			
Cloud and Network Security	Umbrella Secure Internet Gateway	•			
Cloud and Network Security	Understanding Cisco Secure Firewall	•			
Collaboration	Cisco Conferencing: Hybrid Onboarding	•			
Collaboration	Cisco Conferencing: Synchronize Azure AD Users into Webex Control Hub and SSO Integration	•			ļ
Collaboration	Cisco Conferencing: Using MDM to Configure Webex Meetings and utilize Webex Proximity	•			
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Collaboration	Cisco Exam Review: CLCOR	1	•		
Collaboration	Device Daily Usage	•			
Collaboration	Implementing and Operating Cisco Collaboration Core Technologies (CLCOR)	1	•	64	

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Collaboration	Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI)		•	40	
Collaboration	Implementing Cisco Collaboration Conferencing (CLCNF)		•	40	
Collaboration	Introduction to Cisco Unified Contact Center Enterprise	•			
Collaboration	Onboard Your Cloud Device	•			
Collaboration	The Essentials of Webex Calling (CLWXCALL)		•	18	
Collaboration	Third-Party Meeting Interoperability	•			
Collaboration	Understanding Cisco Collaboration Foundations (CLFNDU)		•	30	
Collaboration	Add Users to Webex Control Hub				•
Collaboration	Configure Admin-Configurable Webex Calling Features				•
Collaboration	Configure User-Configurable Webex Calling Features				•
Collaboration	Explore the Configuration of Webex Control Hub				•
Collaboration Collaboration	Manually Add Users to Control Hub Set Up Webex Control Hub				•
Data Center Compute	Cisco Intersight Essentials (DCEIS)		•	11	•
Data Center Compute	Configure Data Center Optimization with IWO	•	_		
Data Center Compute	Configuring Cisco Unified Computing System (DCCUCS)		•	24	
Data Center Compute	Configuring Plans and Configurations in IWO	•			
Data Center Compute	Deployment of UCS X-Series with Cisco Intersight	•			
Data Center Compute	Designing and Implementing Cloud Connectivity (ENNC)		•	32	
Data Center Compute	Implementing and Operating Cisco Data Center Core Technologies (DCCOR)		•	64	
Data Center Compute	Implementing UCS Servers and Hyperflex Clusters Using Cisco Intersight	•			
Data Center Compute	Intersight Onboarding	•			
Data Center Compute	Intersight Workload Optimizer Onboarding	•			
Data Center Compute	Introducing Cisco Unified Computing System (DCIUCS)		•	12	
Data Center Compute	Optimizing Multicloud Environments with IWO	•			
Data Center Compute	Understanding Cisco Data Center Foundations (DCFNDU)		•	30	
Data Center Compute	Using the Intersight Features to Drive Standardization	•			
Data Center Network	Cisco ACI: Automating Cisco ACI with Ansible	•			
Data Center Network	Cisco ACI: Automating Cisco ACI with Python	•			
Data Center Network	Cisco ACI: Basic ACI Fabric Configuration and Connectivity	•			
Data Center Network	Cisco ACI: Basic Implementation	•			
Data Center Network Data Center Network	Cisco ACI: Design Overview	•			
Data Center Network Data Center Network	Cisco ACI: Explore ACI Programmability Cisco ACI: Fundamentals	•			
Data Center Network	Cisco ACI: Implementing ACI External Connectivity and VMM Integration	•			
Data Center Network	Cisco ACI: Implementing ACI External Connectivity and Will Integration Cisco ACI: Implementing L2 and L3 Connectivity in the ACI Fabric	•			
Data Center Network	Cisco ACI: Initial APIC Fabric Setup (DCIAFS)	•			
Data Center Network	Cisco ACI: Introduction	•			
Data Center Network	Cisco ACI: Migration	•			
Data Center Network	Cisco ACI: Multi-Pod and Multi-Site	•			
Data Center Network	Cisco Application Centric Infrastructure Operations and Troubleshooting (DCACIO)		•	24	
Data Center Network	Cisco Data Center Nexus Dashboard Essentials		•	26	
Data Center Network	Cisco Data Center Nexus Dashboard Essentials (DCNDE)		•	26	
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Data Center Network	Compare Traffic Forwarding Methods in a Bridge Domain				•
Data Center Network	Configure a Cisco UCS Service Profile Using Pools				•
Data Center Network	Configure a Service Profile Template				•
Data Center Network	Configure a Trusted Point and Key Ring in Cisco UCS Manager				•
Data Center Network	Configure Basic Identity Pools				•
Data Center Network	Configure Cisco UCS Manager to Authenticate Users via LDAP				•
Data Center Network	Configure External Lever 2 Connection				•
Data Center Network Data Center Network	Configure External Layer 2 Connection Configure External Layer 3 (L3Out) Connection				•
Data Center Network	Configure NTP				•
Data Center Network	Configure Pod-Specific Device Aliases				•
Data Center Network	Configure RBAC				•
Data Center Network	Configure Server and Uplink Ports				•
Data Center Network	Configure Unified Ports on Cisco UCS Fabric Interconnects				•
Data Center Network	Configure VLANs				•
Data Center Network	Configure VRF Route Leaking with L3Out				•
Data Center Network	Configure Zoning				•
Data Center Network	Create Access Policies and vPC				•
Data Center Network	Create an iSCSI Service Profile on Cisco UCS				•
Data Center Network	Deploy Multi-Pod Fabric				•
Data Center Network	Deploy Multi-Site Domain with NDFC	•			
Data Center Network	Deploy Multi-Site with Nexus Dashboard Orchestrator	•			
Data Center Network	Deploying Cisco Nexus Dashboard Fabric Controller	•		40	
Data Center Network	Designing Cisco Data Center Infrastructure (DCID)		•	40	•
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Data Center Network Data Center Network	Enable Inter-EPG Layer 3 Connectivity Enable Inter-EPG Layer 3 Connectivity				•
Data Center Network	Enable Layer 2 Connectivity in the Same EPG				•
Data Center Network Data Center Network	Enable Transit Routing				•
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Data Center Network	Examine Contracts and Zoning Rules		J		•
Data Center Network	Examine Local and Remote Endpoint Learning				•
Data Center Network	Explore Cisco UCS Manager GUI				•
Data Center Network	Explore the Cisco ACI Fabric				•
Data Center Network	Implement Cisco ACI Access Policies and Out-of-Band Management				•
Data Center Network	Implement Cisco ACI Tenant Policies				•
Data Center Network	Implement Syslog and Call Home				•
Data Center Network	Implement VRF Route Leaking				•
Data Center Network	Implementing Cisco Application Centric Infrastructure (DCACI)		•	40	-
Data Center Network	Implementing Cisco Application Centric Infrastructure—Advanced (DCACIA)		•	40	
Data Center Network	Implementing Cisco Nexus 9000 Switches in NX-OS Mode – Advanced (DCNXA)		•	32	
Data Center Network	Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX)		•	40	
Data Center Network	Install and Boot VMware ESXi on Cisco UCS from the FC LUN via FCoE			.0	•
Data Center Network	Integrate APIC With VMware vCenter Using VMware VDS	+			•
Data Center Network	Integrate Cisco ACI with VMware				•
Data Center Network	Manage Configuration Using Ansible				-
		+			-
Data Center Network	Mitigate IP and MAC Flapping with the Rogue Endpoint Feature	•			_
Data Center Network	Monitorning VXLAN Fabric with NDFC	+ -			
Data Center Network	Nexus Dashboard Insights Advisory and Resources				
Data Center Network	Nexus Dashboard Insights Fabric Forwarding Analysis and Compliance	•			
Data Center Network	Nexus Dashboard Installation	•		1	
Data Center Network	Perform Backup and Restore Activities				•
Data Center Network	Provision Policies with Nexus Dashboard Orchestrator				•
Data Center Network	Set Up a New Tenant the NetDevOps Way				•
Data Center Network	Troubleshoot Cisco ACI External Layer 2 Connectivity				•
Data Center Network	Troubleshoot Cisco ACI External Layer 3 Connectivity				•
Data Center Network	Troubleshoot Cisco ACI Integration with VMware vCenter				•
Data Center Network	Troubleshoot Contracts in Cisco ACI				•
Data Center Network	Troubleshooting Cisco Application Centric Infrastructure (DCACIT)		•	20	
Data Center Network	Troubleshooting Cisco Data Center Infrastructure (DCIT)		•	50	
Data Center Network	Use Cisco APIC Web GUI				•
Data Center Network	Use Postman with the APIC Rest API				•
Data Center Network	Validate Fabric Discovery				•
Data Center Network	Validate IP Learning				
Data Center Network	Verify Bounce Entries				•
Data Center Network	VXLAN Fabric Operations with NDFC	•			-
Data Center Network	VXLAN Fabric Provisioning with NDFC	•			
Data Center Network	VXLAN Patric Flovisioning with NDFC VXLAN Software Image Management with NDFC	•			
		+ -			•
Data Center Network	Configure External VRF Lite Connectivity and Endpoint Locator				-
Data Center Network	Configure Multi-Site VXLAN EVPN				
Data Center Network	Configure VXLAN with a BGP Control Plane				•
Data Center Network	Explore Cisco NDI Assurance Functions	+			•
Data Center Network	Explore Cisco Nexus Dashboard Fabric Controller				•
Data Center Network	Explore Cisco Nexus Dashboard Insights				•
Data Center Network	Manage the Network with Cisco NDFC				
Data Center Network					•
DevNet	Orchestrate Cisco NDO Policies				•
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Service Provider Networking Cisco Service Provider 5G Technologies Foundations (SPMBL100) • 24		Cisco Secure Firewall	•			
Service Provider Networking Cisco Umbrella Cloud Access Security Broker	Service Provider Networking	Cisco Service Provider 5G Technologies Foundations (SPMBL100)		•	24	
	Service Provider Networking	Cisco Umbrella Cloud Access Security Broker	•			

Technology	Title	Enhanced	Signature	CE Credits	Labs
Service Provider Networking	Cloud Computing	•			
Service Provider Networking	Cloud Interconnect Solutions	•			
Service Provider Networking	Cloud Native Security Policies	•			
Service Provider Networking	Cloud NFV Infrastructure	•			
Service Provider Networking Service Provider Networking	Configure and verify SRv6 Configure and Verifying SRv6	•			•
Service Provider Networking	Describing Segment Routing Traffic Engineering	•			
Service Provider Networking	Designing and Implementing Cisco Service Provider Cloud Network Infrastructure (SPCNI)		•	40	
Service Provider Networking	Enable XR Flexible Consumption Model	•			
Service Provider Networking	Getting started with XR Flexible Consumption Model	•			
Service Provider Networking	Implementing and Operating Cisco Service Provider Network Core Technologies (SPCOR)		•	64	
Service Provider Networking	Implementing Automation for Cisco Service Provider Solutions (SPAUI)		•	24	
Service Provider Networking Service Provider Networking	Implementing Cisco Converged SDN Transport Solutions (SPSDNTXP) Implementing Cisco Service Provider Advanced Routing Solutions (SPRI)		-	32	
Service Provider Networking	Implementing Cisco Service Provider Advanced Routing Solutions (SPRI) Implementing Cisco Service Provider VPN Services (SPVI)		•	40	
Service Provider Networking	Reverse Proxy	•		40	
Service Provider Networking	Security Policies for Remote Access VPN	•			
Service Provider Networking	Segment Routing and LDP Interworking	•			
Service Provider Networking	Segment Routing Fundamentals	•			
Service Provider Networking	Segment Routing over IPv6 Overview	•			
Service Provider Networking	Segment Routing Traffic Engineering	•			1
Service Provider Networking	Understanding and Deploying Cisco Routed Optical Networking (SPRON)	_	•	3	1
Service Provider Networking Service Provider Networking	Understanding Cisco Service Provider Network Foundations (SPFNDU) Upgrade Cisco IOS XR Version	•	•	30	-
Splunk	Configure Transaction Analytics for Insightful Business Dashboards	+ -			•
Splunk	Enhance Application Monitoring with Infrastructure and Database Visibility	+	<u> </u>		•
Splunk	Evaluate Hybrid Application Performance				•
Splunk	Improve Monitoring Experience Through Management and Configuration Strategies				•
Splunk	Instrument Application Services				•
Splunk	Monitor Application Performance				•
Splunk	Splunk AppDynamics for Hybrid Application Monitoring (SAHA)		•	32	
Splunk	Troubleshoot Business Transaction Performance Using Snapshots				•
WAN WAN	Cisco Bootcamp Training for SDA Operations and Troubleshooting Cisco SD-WAN Components	•	•		
WAN	Cisco SD-WAN Components Cisco SD-WAN Operation and Deployment (SDWFND)	+ -	•	12	
WAN	Cisco SD-WAN Security Content Filtering	•		12	
WAN	Cisco SD-WAN Solution Overview	•			
WAN	Cisco SD-WAN Thousand Eyes	•			
WAN	Cisco SD-WAN to Cisco Umbrella SIG	•			
WAN	Cisco SD-WAN: Centralized Management	•			
WAN	Cisco SD-WAN: Deploying Controllers On-Prem	•			
WAN	Cisco SD-WAN: Establishing Direct Internet Access	•			
WAN WAN	Cisco SD-WAN: Secure Bandwidth Augmentation Cisco SD-WAN: Securing Direct Internet Access	+ :			
WAN	Cisco SD-WAN. Securing Direct internet Access Cisco SD-WAN: Zero Touch Provisioning	•			
WAN	Configure Threat Prevention				•
WAN	Configure Threat Prevention				•
WAN	Configure Umbrella DNS Policies				•
WAN	Configuring BGP on Cisco Routers (BGP)		•	40	
WAN	Feature Integration	•			
WAN	Implement Web Security	+	<u> </u>		•
WAN	Implementing Cisco Enterprise SD-Branch (ENSDBI)	+	•	16	-
WAN WAN	Implementing Cisco MPLS (MPLS) Implementing Cisco Quality of Service (QoS)	+	-	40 40	
WAN	Implementing Cisco Quality of Service (QoS) Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS)	+	•	24	
WAN	Implementing Cisco SD-WAN Solutions (ENSDWI)	1	•	32	
WAN	Managing Cisco SD-WAN Components	•			
WAN	Operating and Implementing Cisco WAN Automation Engine (SPWAE)		•	24	
WAN	Verify SD-WAN Deployment	•			
Zero Trust	Configure and Verify Simplified Device Administration Using Cisco ISE	•			
Zero Trust Zero Trust	Implementing Guest User Access Control using Cisco ISE Implementing Secure Application Access with Cisco Duo Security	•			1
Zero Trust Zero Trust	Implementing Secure Application Access with Cisco Duo Security Implementing Single SignOn	-	 		
Zero Trust	Implementing Zero Trust Using Cisco ISE and BYOD	•			
Zero Trust	Introduction to Cisco Duo Security	•			
Zero Trust	Introduction to Zero Trust Microsegmentation for Cisco Secure Workload	•			
Zero Trust	Monitoring Zero Trust Microsegmentation Using Cisco Secure Workload	•			
Zero Trust	Onboarding Simplified Device Administration Using Cisco ISE	•			
Zero Trust	Onboarding User Access Control for Network Using Cisco ISE	•			-
	Onboarding Zero Trust Principles Using BYOD with Cisco ISE	•	1		1
Zero Trust					
Zero Trust	Optimizing Device Administration Using Cisco ISE	•			

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