➢ **Vendor: Cisco**

➢ **Exam Code: 200-301**

➢ **Exam Name: Cisco Certified Network Associate**

➢ **Part of New Questions from PassLeader (Updated in Jan/2021)**

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NEW QUESTION 369
What is a role of wireless controllers in an enterprise network?

A.   centralize the management of access points in an enterprise network
B.   support standalone or controller-based architectures
C.   serve as the first line of defense in an enterprise network
D.   provide secure user logins to devices on the network

Answer: A

NEW QUESTION 370
What is the maximum bandwidth of a T1 point-to-point connection?

A.   1.544 Mbps
B.   2.048 Mbps
C.   34.368 Mbps
D.   43.7 Mbps

Answer: A

NEW QUESTION 371
Where does a switch maintain DHCP snooping information?

A.   in the MAC address table
B.   in the CAM table
C.   in the binding database
D.   in the frame forwarding database

Answer: C

NEW QUESTION 372
What is the expected outcome when an EUI-64 address is generated?

A.   The seventh bit of the original MAC address of the interface is inverted.
B.   The interface ID is configured as a random 64-bit value.
C.   The characters FE80 are inserted at the beginning of the MAC address of the interface.
D.   The MAC address of the interface is used as the interface ID without modification.

Answer: A

NEW QUESTION 373
Which CRUD operation corresponds to the HTTP GET method?

A.   read
B.   update
C.   create
D.   delete

Answer: A

NEW QUESTION 374
What is an advantage of Cisco DNA Center versus traditional campus device management?

A.   It supports numerous extensibility options including cross-domain adapters and third- party SDKs.
B.   It supports high availability for management functions when operating in cluster mode.
C.   It enables easy autodiscovery of network elements m a brownfield deployment.
D.   It is designed primarily to provide network assurance.

Answer: A

NEW QUESTION 375
What does a router do when configured with the default DNS lookup settings, and a URL is entered on the CLI?

A.   initiates a ping request to the URL
B.   prompts the user to specify the desired IP address
C.   continuously attempts to resolve the URL until the command is cancelled
D.   sends a broadcast message in an attempt to resolve the URL

Answer: B

NEW QUESTION 376
Which condition must be met before an NMS handles an SNMP trap from an agent?

A.   The NMS software must be loaded with the MIB associated with the trap.
B.   The NMS must be configured on the same router as the SNMP agent.
C.   The NMS must receive a trap and an inform message from the SNMP agent within a configured interval.
D.   The NMS must receive the same trap from two different SNMP agents to verify that it is reliable.

Answer: A

NEW QUESTION 377
Which device controls the forwarding of authentication requests for users when connecting to the network using a lightweight access point?

A.   TACACS server
B.   wireless access point
C.   RADIUS server
D.   wireless LAN controller

Answer: D

NEW QUESTION 378
A network administrator must enable DHCP services between two sites. What must be configured for the router to pass DHCPDISCOVER messages on to the server?

A.   a DHCP Relay Agent
B.   DHCP Binding
C.   a DHCP Pool
D.   DHCP Snooping

Answer: A

NEW QUESTION 379
A network administrator needs to aggregate 4 ports into a single logical link which must negotiate layer 2 connectivity to ports on another switch. What must be configured when using active mode on both sides of the connection?

A.   802.1q trunks
B.   Cisco vPC
C.   LLDP
D.   LACP

Answer: D

NEW QUESTION 380
How does a Cisco Unified Wireless network respond to Wi-Fi channel overlap?

A.   It alternates automatically between 2.4 GHz and 5 GHz on adjacent access points.
B.   It allows the administrator to assign channels on a per-device or per-interface basis.
C.   It segregates devices from different manufacturers onto different channels.
D.   It analyzes client load and background noise and dynamically assigns a channel.

Answer: A

NEW QUESTION 381
What does a switch use to build its MAC address table?

A.   VTP
B.   DTP
C.   egress traffic
D.   ingress traffic

Answer: A

NEW QUESTION 382
Which device tracks the state of active connections in order to make a decision to forward a packet through?

A.   wireless access point
B.   firewall
C.   wireless LAN controller
D.   router

Answer: C

NEW QUESTION 383
How do servers connect to the network in a virtual environment?

A.   wireless to an access point that is physically connected to the network
B.   a cable connected to a physical switch on the network
C.   a virtual switch that links to an access point that is physically connected to the network
D.   a software switch on a hypervisor that is physically connected to the network

Answer: D

NEW QUESTION 384
Which 802.11 frame type is indicated by a probe response after a client sends a probe request?

A.   action
B.   management
C.   control
D.   data

Answer: C

NEW QUESTION 385
Which network plane is centralized and manages routing decisions?

A.   policy plane
B.   management plane
C.   control plane
D.   data plane

Answer: D

NEW QUESTION 386
How does a switch process a frame received on Fa0/1 with the destination MAC address of 0e38.7363.657b when the table is missing the address?

A.   lt drops the frame immediately.
B.   It forwards the frame back out of interface Fa0/1.
C.   It floods the frame to all interfaces except Fa0/1.
D.   It holds the frame until the MAC address timer expires and then drops the frame.

Answer: C

NEW QUESTION 387
Which function does the range of private IPv4 addresses perform?

A.   allows multiple companies to each use the same addresses without conflicts
B.   provides a direct connection for hosts from outside of the enterprise network
C.   ensures that NAT is not required to reach the internet with private range addressing
D.   enables secure communications to the internet for all external hosts

Answer: A

NEW QUESTION 388
Which protocol does an IPv4 host use to obtain a dynamically assigned IP address?

A.   ARP
B.   DHCP
C.   CDP
D.   DNS

Answer: B

NEW QUESTION 389
What is a benefit of VRRP?

A.   It provides traffic load balancing to destinations that are more than two hops from the source.
B.   It provides the default gateway redundancy on a LAN using two or more routers.
C.   It allows neighbors to share routing table information between each other.
D.   It prevents loops in a Layer 2 LAN by forwarding all traffic to a root bridge, which then makes the final forwarding decision.

Answer: B

NEW QUESTION 390
Which type of security program is violated when a group of employees enters a building using the ID badge of only one person?

A.   intrusion detection
B.   user awareness
C.   physical access control
D.   network authorization

Answer: B

NEW QUESTION 391
Which technology can prevent client devices from arbitrarily connecting to the network without state remediation?

A.   802.1x
B.   IP Source Guard
C.   MAC Authentication Bypass
D.   802.11n

Answer: A

NEW QUESTION 392
Aside from discarding, which two states does the switch port transition through while using RSTP (802.1w)? (Choose two.)

A.   listening
B.   blocking
C.   forwarding
D.   learning
E.   speaking

Answer: CD

NEW QUESTION 393
When implementing a router as a DHCP server, which two features must be configured? (Choose

two.)

A.   relay agent information
B.   database agent
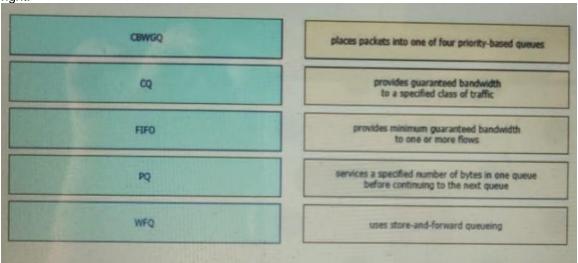C.   address pool
D.   smart-relay
E.   manual bindings

Answer: CE

NEW QUESTION 394
Drag and Drop
Drag and drop the QoS congestion management terms from the left onto the description on the right.

Answer:

NEW QUESTION 395
Drag and Drop
Drag and drop the characteristics of network architectures from the left onto the type of architecture on the right.

| single device handles the core and the distribution layer |
| enhances network availability |
| more cost-effective than other options |
| most appropriate for small network designs |
| separate devices handle the core and the distribution layer |

Collapsed Core

Three-Tier

Answer:

Collapsed Core
- single device handles the core and the distribution layer
- enhances network availability
- separate devices handle the core and the distribution layer

Three-Tier
- more cost-effective than other options
- most appropriate for small network designs

NEW QUESTION 396
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