Correct Answer: C
Explanation:
Features of the Cisco DNA Assurance solution includes Device 360 and client 360, which provides a detailed view of the performance of any device or client over time and from any application context. Provides very granular troubleshooting in seconds.

QUESTION 297
Refer to the exhibit. SwitchC connects HR and Sales to the Core switch However, business needs require that no traffic from the Finance VLAN traverse this switch. Which command meets this requirement?

```
SwitchC#show vtp status
VTP Version                        : 2
Configuration Revision             : 0
Maximum VLANs supported locally    : 255
Number of existing VLANs           : 8
VTP Operating Mode                 : Transparent
VTP Domain Name                    : cisco.com
VTP Pruning Mode                   : Disabled
VTP V2 Mode                        : Disabled
VTP Traps Generation               : Disabled
MD5 digest                         : 0xE5 0x28 0x5D 0x3E 0x2F 0xE5 0xAD 0x2B
Configuration last modified by 0.0.0.0 at 1-10-19 09:01:38

SwitchC#show vlan brief

VLAN Name                             Status     Ports
---- --------------------------       ---------  -------------------------------
1    default                          active     Fa0/3, Fa0/4, Fa0/5, Fa0/6
                                                 Fa0/7, Fa0/8, Fa0/9, Fa0/10
                                                 Fa0/11, Fa0/12, Fa0/13, Fa0/14
                                                 Fa0/15, Fa0/16, Fa0/17, Fa0/18
                                                 Fa0/19, Fa0/20, Fa0/21, Fa0/22
                                                 Fa0/23, Fa0/24, Po1
110  Finance                          active
210  HR                               active     Fa0/1
310  Sales                            active     Fa0/2
[...output omitted...]

SwitchC#show int trunk
Port       Mode        Encapsulation  Status         Native vlan
Gig1/1     on          802.1q         trunking       1
Gig1/2     on          802.1q         trunking       1

Port       Vlans allowed on trunk
Gig1/1     1-1005
Gig1/2     1-1005

Port       Vlans allowed and active in management domain
Gig1/1     1,110,210,310
Gig1/2     1,110,210,310

Port       Vlans in spanning tree forwarding state and not pruned
Gig1/1     1,110,210,310
Gig1/2     1,110,210,310

SwitchC#show run interface port-channel 1
interface Port-channel 1
 description Uplink_to_Core
 switchport mode trunk
```

A. SwitchC(config)#vtp pruning

B. SwitchC(config)#vtp pruning vlan 110

C. SwitchC(config)#interface port-channel 1
   SwitchC(config-if)#switchport trunk allowed vlan add 210,310

D.

```
SwitchC(config)#interface port-channel 1
SwitchC(config-if)#switchport trunk allowed vlan remove 110
```

Correct Answer: D

QUESTION 298
What is the function of cisco DNA center in a cisco SD-access deployment?

A. It is responsible for routing decisions inside the fabric
B. It is responsible for the design, management, deployment, provisioning and assurance of the fabric network devices.
C. It possesses information about all endpoints, nodes and external networks related to the fabric
D. It provides integration and automation for all nonfabric nodes and their fabric counterparts.

Correct Answer: B

QUESTION 299
Which two operations are valid for RESTCONF? (Choose two.)

A. HEAD
B. REMOVE
C. PULL
D. PATCH
E. ADD
F. PUSH

Correct Answer: AD
Explanation:
RESTCONF operations include OPTIONS, HEAD, GET, POST, PATCH, DELETE.

QUESTION 300
What is one difference between EIGRP and OSPF?

A. OSPF is a Cisco proprietary protocol, and EIGRP is an IETF open standard protocol.
B. OSPF uses the DUAL distance vector algorithm, and EIGRP uses the Dijkstra link-state algorithm
C. EIGRP uses the variance command lot unequal cost load balancing, and OSPF supports unequal cost balancing by default.
D. EIGRP uses the DUAL distance vector algorithm, and OSPF uses the Dijkstra link-state algorithm

Correct Answer: D
Explanation:
EIGRP is based on DUAL (Diffusing Update Algorithm) while OSPF uses Dijkstra's Shortest Path Algorithm with the major difference in how they calculate the shortest routing path.

OSPF has capability to calculate the best shortest path to each reachable subnet/network using an algorithm called SFP (Shortest Path First) also known as Dijkstra algorithm. "Neighbor Table" that contain all discovered OSPF neighbour with whom routing information will be interchanged.

QUESTION 301
What occurs when a high bandwidth multicast stream is sent over an MVPN using Cisco hardware?

A. The traffic uses the default MDT to transmit the data only if it isa (S,G) multicast route entry
B. A data MDT is created to if it is a (*, G) multicast route entries
C. A data and default MDT are created to flood the multicast stream out of all PIM-SM neighbors.
D. A data MDT is created to allow for the best transmission through the core for (S, G) multicast route entries.

Correct Answer: D

QUESTION 302
What is an OVF?

A. a package that is similar to an IMG and that contains an OVA file used to build a virtual machine
B. an alternative form of an ISO that Is used to install the base operating system of a virtual machine
C. the third step in a P2V migration
D. a package of files that is used to describe a virtual machine or virtual appliance

Correct Answer: D

QUESTION 303
Which controller is capable of acting as a STUN server during the onboarding process of Edge devices?

A. vBond
B. vSmart
C. vManage
D. PNP server

Correct Answer: A

QUESTION 304
Refer to the exhibit. What is achieved by this code?

```
<interface>
   <Loopback>
      <name>100</name>
      <enabled>true</enabled>
   </Loopback>
</interface>
```

A. It unshuts the loopback interface
B. It renames the loopback interface
C. It deletes the loopback interface

D. It displays the loopback interface

Correct Answer: D

QUESTION 305
Refer to the exhibit. An engineer must allow all users in the 10.2.2.0/24 subnet to access the
Internet. To conserve address space the public Interface address of 209 165 201.1 must be used
for all external communication. Which command set accomplishes these requirements?
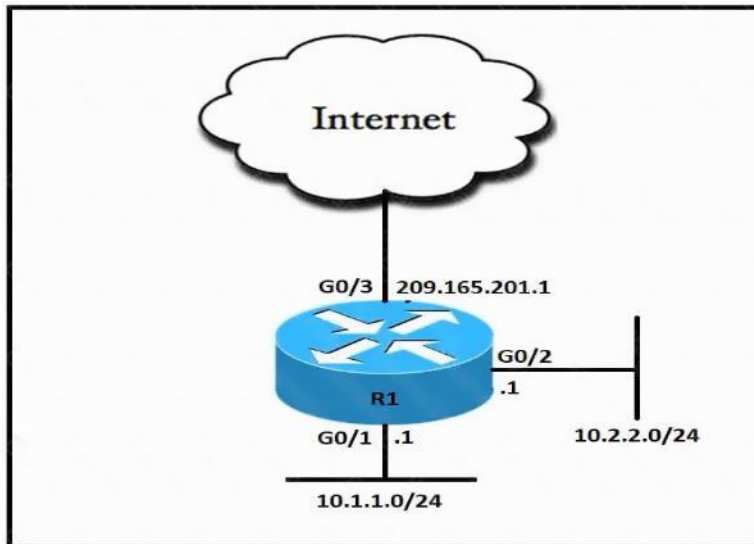
A.
```
access-list 10 permit 10.2.2.0 0.0.0.255
interface G0/3
ip nat outside
interface G0/2
ip nat inside
ip nat inside source list 10 209.165.201.1
```

B.
```
access-list 10 permit 10.2.2.0 0.0.0.255
interface G0/3
ip nat outside
interface G0/2
ip nat inside
```

C.
```
access-list 10 permit 10.2.2.0 0.0.0.255
interface G0/3
ip nat outside
interface G0/2
ip nat inside
ip nat inside source list 10 interface G0/3
```

D.
```
access-list 10 permit 10.2.2.0 0.0.0.255
interface G0/3
ip nat outside
interface G0/2
ip nat inside
```

Correct Answer: C

QUESTION 306
Which AP mode allows an engineer to scan configured channels for rogue access points?

A. sniffer
B. monitor
C. bridge

D. local

Correct Answer: B

QUESTION 307
Refer to the exhibit. What is the effect of introducing the sampler feature into the Flexible NetFlow configuration on the router?

```
flow monitor FLOW-MONITOR-1
 record netflow ipv6 original-input
 exit
!
sampler SAMPLER-1
 mode deterministic 1 out-of 2
 exit
!
ip cef
ipv6 cef
!
interface GigabitEthernet 0/0/0
 ipv6 address 2001:DB8:2:ABCD::2/48
 ipv6 flow monitor FLOW-MONITOR-1 sampler SAMPLER-1 input
!
```

A. NetFlow updates to the collector are sent 50% less frequently.
B. Every second IPv4 packet is forwarded to the collector for inspection.
C. CPU and memory utilization are reduced when compared with what is required for full NetFlow.
D. The resolution of sampling data increases, but it requires more performance from the router.

Correct Answer: C

QUESTION 308
What is the JSON syntax that is formed the data?

```
Name is Bob Johnson
Age is 75
Is alive

Favorite foods are:
• Cereal
• Mustard
• Onions
```

A. {'Name";"Bob johnon';"Age': Sevenfive,"Alive": true,"FavoriteFoods';["Cereal';"Mustard';"Onions'}}
B. {'Name":"Bob johnon':'Age': 75 "Alive": true,"Favorite Foods';["Cereal';"Mustard';"Onions'}}
C. {'Name":"Bob johnon':"Age: 75,"Alive: true, FavoriteFoods;[Cereal, Mustard';"Onions}}
D. {'Name": 'Bob johnon','Age': 75,'Alive: true,"FavoriteFoods': 'Cereal';'Mustard','Onions'}}

Correct Answer: B

QUESTION 309
Refer to the exhibit. A network engineer must configure a password expiry mechanism on the gateway router for all local passwords to expire after 60 days. What is required to complete this task?