CV1-003 Q&As

CompTIA Cloud+ Certification Exam

Pass CompTIA CV1-003 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.leads4pass.com/cv1-003.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by CompTIA Official Exam Center

Instant Download After Purchase
100% Money Back Guarantee
365 Days Free Update
800,000+ Satisfied Customers

QUESTION 1

A software development manager is looking for a solution that will allow a team of developers to work in isolated environments that can be spun up and torn down quickly.

Which of the following is the MOST appropriate solution?

A. Containers

B. File subscriptions

C. Ballooning

D. Software-defined storage

Correct Answer: A

QUESTION 2

A company has developed a cloud-ready application. Before deployment, an administrator needs to select a deployment technology that provides a high level of portability and is lightweight in terms of footprint and resource requirements. Which of the following solutions will be BEST to help the administrator achieve the requirements?

A. Containers

B. Infrastructure as code

C. Desktop virtualization

D. Virtual machines

Correct Answer: A

Reference: https://blog.netapp.com/blogs/containers-vs-vms/

QUESTION 3

A systems administrator needs to configure an email client to ensure data integrity of the email messages. Which of the following provides the BEST mechanism to achieve this goal?

A. Cyclic redundancy check

B. SHA-1 hashes

C. SHA-256 hashes

D. Digital signature

Correct Answer: A

Reference: https://www.fsl.cs.sunysb.edu/docs/integrity-storagess05/integrity.html

QUESTION 4

SIMULATION

A company has decided to scale its e-commerce application from its corporate datacenter to a commercial cloud provider to meet an anticipated increase in demand during an upcoming holiday.

The majority of the application load takes place on the application server under normal conditions. For this reason, the company decides to deploy additional application servers into a commercial cloud provider using the on-premises

orchestration engine that installs and configures common software and network configurations.

The remote computing environment is connected to the on-premises datacenter via a site-to-site IPSec tunnel. The external DNS provider has been configured to use weighted round-robin routing to load balance connections from the Internet.

During testing, the company discovers that only 20% of connections completed successfully.

INSTRUCTIONS

Review the network architecture and supporting documents and fulfill these requirements:

Part 1:

1.

Analyze the configuration of the following components: DNS, Firewall 1, Firewall 2, Router 1, Router 2, VPN and Orchestrator Server.

2.

Identify the problematic device(s).

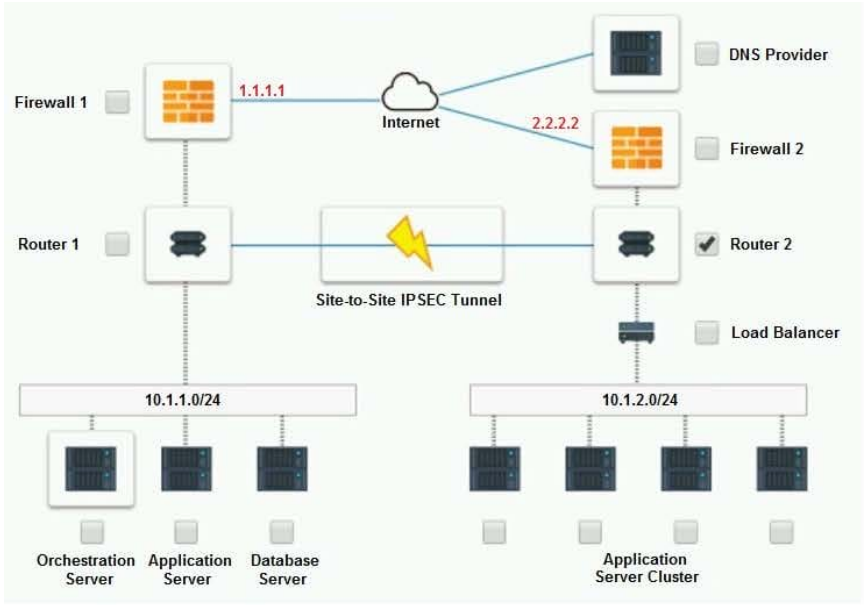
Part 2:

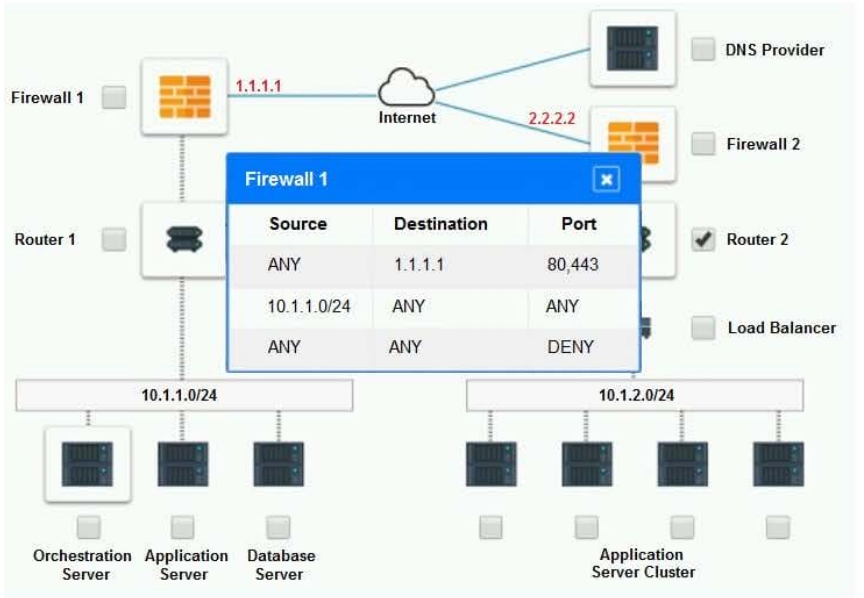
Identify the correct options to provide adequate configuration for hybrid cloud architecture.

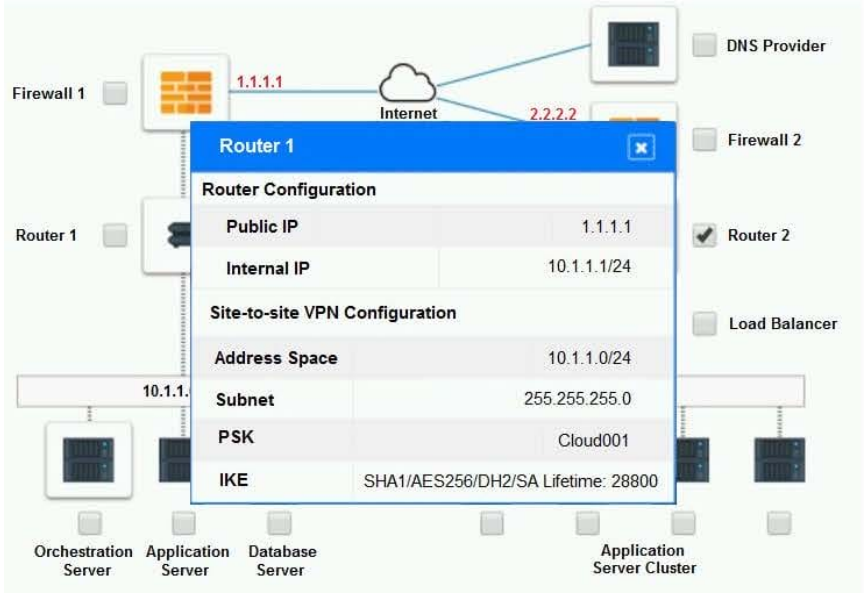
If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

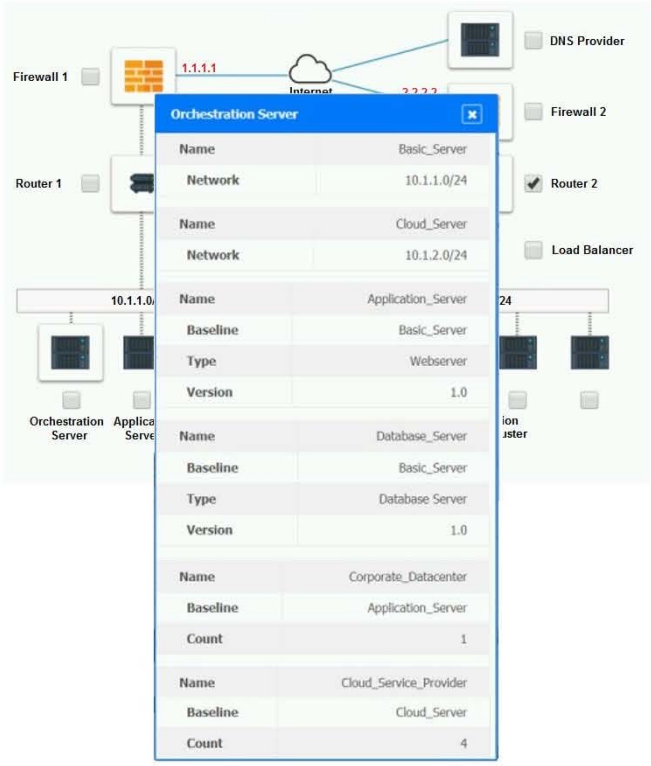
Part 1:

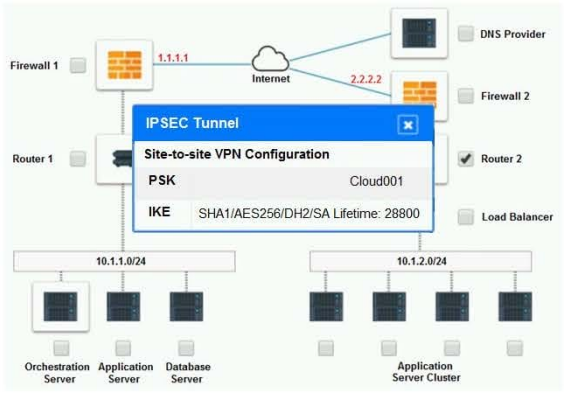
Cloud Hybrid Network Diagram

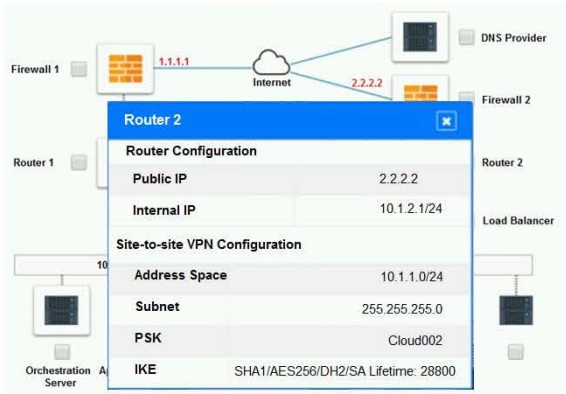

Firewall 1
1.1.1.1
Internet
2.2.2.2
DNS Provider
Firewall 2
Router 1
Site-to-Site IPSEC Tunnel
Router 2
Load Balancer
10.1.1.0/24
10.1.2.0/24
Orchestration Server
Application Server
Database Server
Application Server Cluster

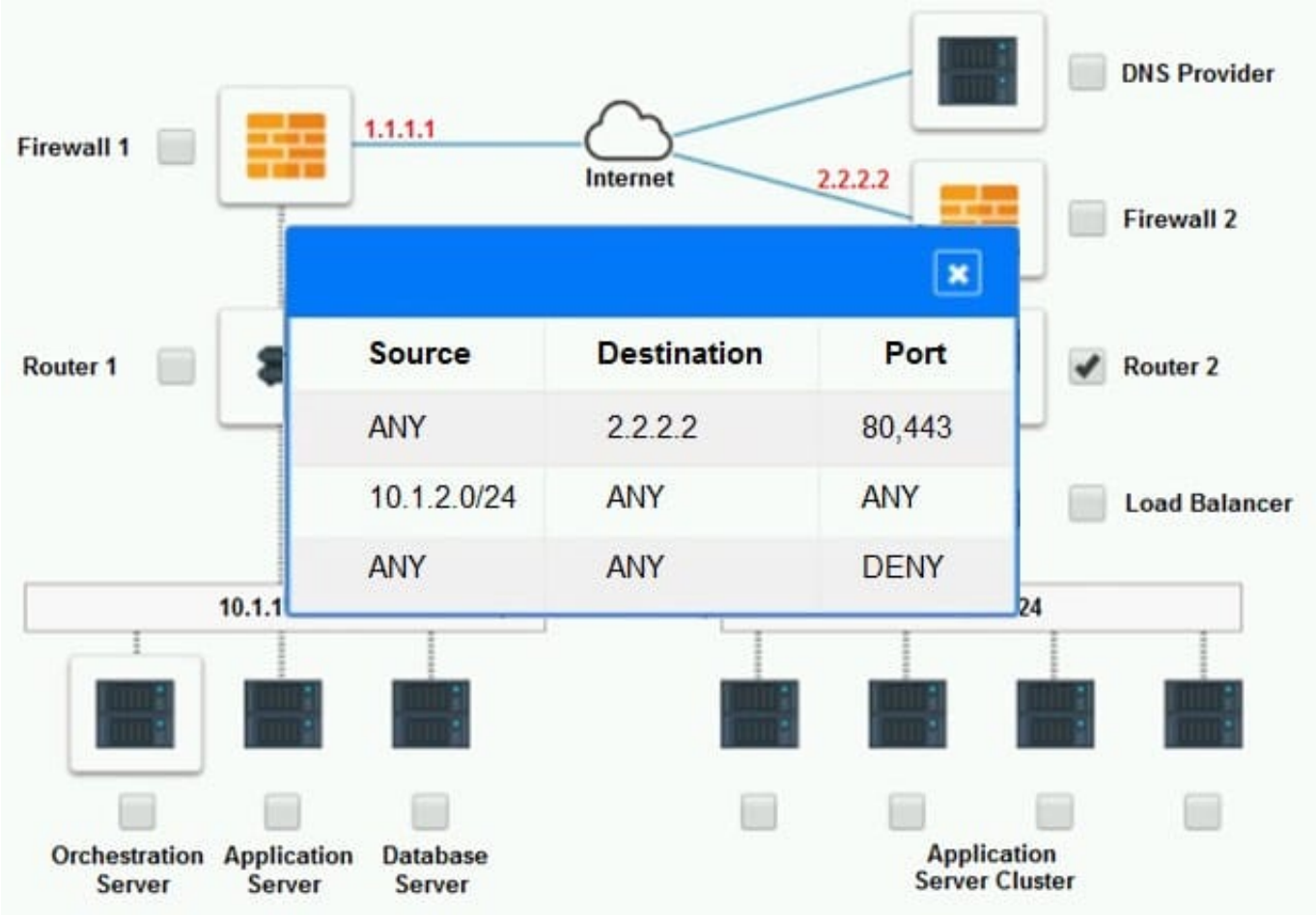

Firewall 1
1.1.1.1
Internet
2.2.2.2
DNS Provider
Firewall 2
Router 1
Router 2
Load Balancer
Firewall 1
Source
Destination
Port
ANY
1.1.1.1
80,443
10.1.1.0/24
ANY
ANY
ANY
ANY
DENY
10.1.1.0/24
10.1.2.0/24
Orchestration Server
Application Server
Database Server
Application Server Cluster

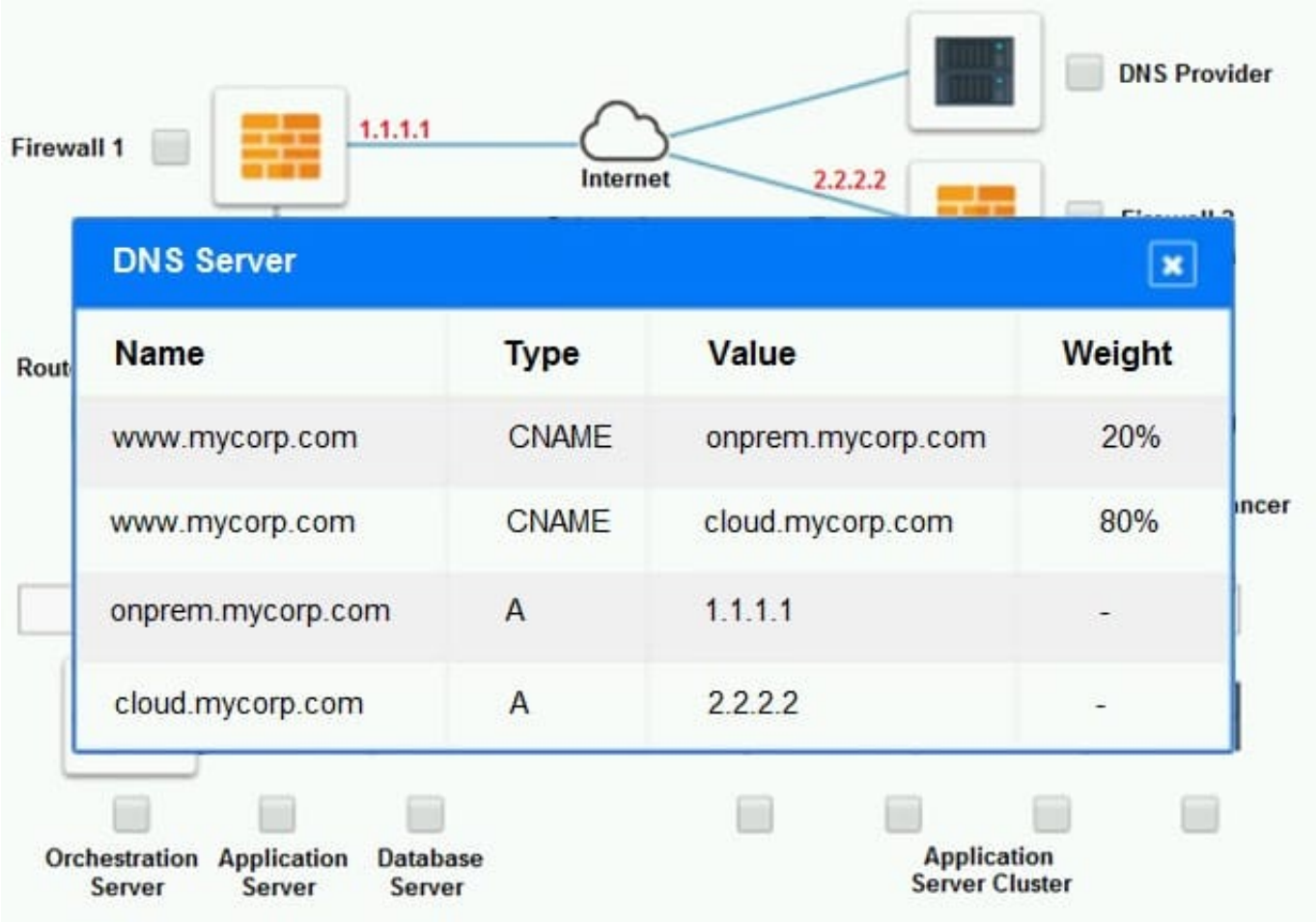

Firewall 1
1.1.1.1
Internet
2.2.2.2
DNS Provider
Firewall 2
Router 1
Router 2
Load Balancer
Router 1
Router Configuration
Public IP
1.1.1.1
Internet IP
10.1.1.1/24
Site-to-site VPN Configuration
Address Space
10.1.1.0/24
Subnet
255.255.255.0
PSK
Cloud001
IKE
SHA1/AES256/DH2/SA Lifetime: 28800
Orchestration Server
Application Server
Database Server
Application Server Cluster


Firewall 1
1.1.1.1
Internet
DNS Provider
Firewall 2
Router 1
Router 2
Load Balancer
Orchestration Server
Name Basic_Server
Network 10.1.1.0/24
Name Cloud_Server
Network 10.1.2.0/24
Name Application_Server
Baseline Basic_Server
Type Webserver
Version 1.0
Name Database_Server
Baseline Basic_Server
Type Database Server
Version 1.0
Name Corporate_Datacenter
Baseline Application_Server
Count 1
Name Cloud_Service_Provider
Baseline Cloud_Server
Count 4


Firewall 1
1.1.1.1
Internet
2.2.2.2
DNS Provider
Firewall 2
Router 1
Router 2
Load Balancer
IPSEC Tunnel
Site-to-site VPN Configuration
PSK Cloud001
IKE SHA1/AES256/DH2/SA Lifetime: 28800
10.1.1.0/24
10.1.2.0/24
Orchestration Server
Application Server
Database Server
Application Server Cluster


Firewall 1
1.1.1.1
Internet
2.2.2.2
DNS Provider
Firewall 2
Router 1
Router 2
Load Balancer
Router 2
Router Configuration
Public IP 2.2.2.2
Internal IP 10.1.2.1/24
Site-to-site VPN Configuration
Address Space 10.1.1.0/24
Subnet 255.255.255.0
PSK Cloud002
IKE SHA1/AES256/DH2/SA Lifetime: 28800
Orchestration Server


DNS Provider
Firewall 1
1.1.1.1
Internet
2.2.2.2
Firewall 2
Router 1
Source
Destination
Port
ANY
2.2.2.2
80,443
10.1.2.0/24
ANY
ANY
Router 2
Load Balancer
ANY
ANY
DENY
10.1.1
24
Orchestration Server
Application Server
Database Server
Application Server Cluster



Part 2:

Only select a maximum of TWO options from the multiple choice question

- ☐ Deploy a Replica of the Database Server in the Cloud Provider.
- ☐ Update the PSK (Pre-shared key) in Router 2.
- ☐ Update the A record on the DNS from 2.2.2.2 to 1.1.1.1.
- ☐ Promote deny All to allow All in Firewall 1 and Firewall 2.
- ☐ Change the Address Space on Router 2.
- ☐ Change internal IP Address of Router 1.
- ☐ Reverse the Weight property in the two CNAME records on the DNS.
- ☐ Add the Application Server at on-premises to the Load Balancer.

Correct Answer: explanation

1.

Change the Address Space on Router2

2.

Update the PSK (Pre-shared key in Router2)

QUESTION 5

Which of the following is relevant to capacity planning in a SaaS environment?

A. Licensing

B. A hypervisor

C. Clustering

D. Scalability

Correct Answer: D

QUESTION 6

An organization is required to set a custom registry key on the guest operating system.

Which of the following should the organization implement to facilitate this requirement?

A. A configuration management solution

B. A log and event monitoring solution

C. A file integrity check solution

D. An operating system ACL

Correct Answer: A

QUESTION 7

A cloud administrator is reviewing a new application implementation document. The administrator needs to make sure all the known bugs and fixes are applied, and unwanted ports and services are disabled. Which of the following techniques would BEST help the administrator assess these business requirements?

A. Performance testing

B. Usability testing

C. Vulnerability testing

D. Regression testing

Correct Answer: C

QUESTION 8

A SAN that holds VM files is running out of storage space.

Which of the following will BEST increase the amount of effective storage on the SAN?

A. Enable encryption

B. Increase IOPS

C. Convert the SAN from RAID 50 to RAID 60

D. Configure deduplication

Correct Answer: D

QUESTION 9

A company is switching from one cloud provider to another and needs to complete the migration as quickly as possible. Which of the following is the MOST important consideration to ensure a seamless migration?

A. The cost of the environment

B. The I/O of the storage

C. Feature compatibility

D. Network utilization

Correct Answer: B

QUESTION 10

An organization is hosting a cloud-based web server infrastructure that provides web-hosting solutions. Sudden continuous bursts of traffic have caused the web servers to saturate CPU and network utilizations. Which of the following should be implemented to prevent such disruptive traffic from reaching the web servers?

A. Solutions to perform NAC and DLP

B. DDoS protection

C. QoS on the network

D. A solution to achieve microsegmentation

Correct Answer: B

Reference: https://blog.paessler.com/the-top-5-causes-of-sudden-network-spikes

QUESTION 11

A SaaS provider wants to maintain maximum availability for its service. Which of the following should be implemented to attain the maximum SLA?

A. A hot site

B. An active-active site

C. A warm site

D. A cold site

Correct Answer: A

QUESTION 12

A systems administrator needs to configure monitoring for a private cloud environment. The administrator has decided to use SNMP for this task. Which of the following ports should the administrator open on the monitoring server\\'s firewall?

A. 53

B. 123

C. 139

D. 161

Correct Answer: D

Reference: https://thwack.solarwinds.com/t5/NPM-Discussions/SNMP-open-ports-on-the-firewall/m-p/168826

QUESTION 13

A systems administrator is troubleshooting performance issues with a Windows VDI environment. Users have reported that VDI performance has been slow since the images were upgraded from Windows 7 to Windows 10. This VDI environment is used to run simple tasks, such as Microsoft Office. The administrator investigates the virtual machines and finds the following settings:

1.

4 vCPU

2.

16GB RAM

3.

10Gb networking

4.

256MB frame buffer

Which of the following MOST likely needs to be upgraded?

A. vRAM

B. vCPU

C. vGPU

D. vNIC

Correct Answer: C

QUESTION 14

A company wants to check its infrastructure and application for security issues regularly. Which of the following should the company implement?

A. Performance testing

B. Penetration testing

C. Vulnerability testing

D. Regression testing

Correct Answer: B

Reference: https://pure.security/services/technical-assurance/external-penetration-testing/

QUESTION 15

A company has an in-house-developed application. The administrator wants to utilize cloud services for additional peak usage workloads. The application has a very unique stack of dependencies.

Which of the following cloud service subscription types would BEST meet these requirements?

A. PaaS

B. SaaS

C. DBaaS

D. IaaS

Correct Answer: D

Latest CV1-003 Dumps CV1-003 VCE Dumps CV1-003 Study Guide