CV0-002 Q&As

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QUESTION 1

When a customer requests a VM to perform at higher levels the administrator should (Select two):

A. increase the VMs vRAM.

B. increase RAM on the host.

C. migrate the VM to a faster online host.

D. increase the VMs vCPU count.

E. increase disk space.

Correct Answer: AD

QUESTION 2

An administrator defines a backup as follows:

One weekly full backup Daily incremental backup

Which of the following BEST describes where the administrator would define this?

A. Backup SLA document

B. Backup orchestration workflow

C. Backup schedule

D. Provisioning schedule

Correct Answer: C

QUESTION 3

A CSA is reviewing the deployment of an e-commerce application in a public cloud provider. The CSA wants to ensure the sizing is optimal to keep the cost of the environment down. The available server configurations are as follows:

Server instance type	CPU	Memory (GB)	Cost per hour
SMALL	1	2	$0.023
MEDIUM	2	4	$0.046
LARGE	2	8	$0.092
X-LARGE	4	16	$0.186

A review of the current system shows the following utilization information:

Server	Instance type	CPU utilization	Memory utilization
WEB01	MEDIUM	10%	20%
PROXY01	SMALL	10%	10%
MW01	LARGE	75%	60%
MW02	LARGE	58%	52%
MW03	LARGE	52%	48%
DB01	X- LARGE	30%	35%

Which of the following should the CSA implement to ensure the MOST optimal sizing?

A. Change the MW01, MW02, and MW03 servers to the MEDIUM instance type.

B. Change the PROXY01 server to the MEDIUM instance type.

C. Change the DB01 server to the LARGE instance type.

D. Change the WEB01 server to the SMALL instance type.

Correct Answer: D

QUESTION 4

cloud administrator uses a script to automatically restart all the servers running in the public cloud provider environment, which hosts e-commerce applications. The administrator decides to implement the same script for a similar environment that hosts the finance applications. After verifying the script is deployed to the public cloud environment for finance, the administrator schedules a job to run at 9:00 a.m. After 9:00 a.m., the administrator receives a report from the e-commerce team that the application is experiencing outages. Which of the following should the administrator do to resolve the issue?

A. Update the version of the CLI tool for the public cloud provider.

B. Copy the script up to a bastion host in the environment and run it from there.

C. Validate the access credentials for the cloud provider are correct.

D. Debug the script and modify it to remove the flawed logic.

Correct Answer: C

QUESTION 5

An administrator needs to verify what ports are listening on an operating system. Which of the following tools can be used to accomplish this task?

A. telnet

B. netstat

C. packet sniffer

D. ifconfig

Correct Answer: B

QUESTION 6

A tenant has provisioned a new database server. It needs to add the database files in the exclusion list for security scanning, as it allows down the performance and locks the database file. Which of the following solutions must have this exclusion?

A. IPS

B. IDS

C. Antivirus

D. Firewall

Correct Answer: C

QUESTION 7

Which of the following should be implemented to ensure email continuity is not disrupted if one of multiple datacenters experiences an outage?

A. Geo-clustering

B. Offsite backup

C. Local load balancing

D. Multipathing

Correct Answer: D

QUESTION 8

After scheduled network maintenance, users report that an externally hosted web application is particularly slow to load. Small items on the page load such as text documents and markup, but larger multimedia files do not load. Which of the following is the MOST likely cause of the reported issues?

A. Incorrect MTU in the network segment

B. Misconfiguration of QoS settings

C. Incorrect VLAN for the affected PCs

D. Excessive latency on the local LAN segment

Correct Answer: B

QUESTION 9

Which of the following generally has better performance when accessing larger databases?

A. NAS

B. SAN

C. CIFS

D. NFS

Correct Answer: B

QUESTION 10

A development team released a new version of an application and wants to deploy it to the cloud environment with a faster rollback and minimal downtime. Which of the following should the cloud administrator do to achieve this goal?

A. Use a rolling deployment to update all the servers in the PROD cloud environment with the new application. To switch to the previous version, repeat the process.

B. Deploy the application to the PROD cloud environment and the previous version to QA. To switch to the previous version, promote the QA environment to PROD.

C. Deploy the application to a subset of servers in the environment and route traffic to these servers. To switch to the previous version, change the route to the non-updated servers.

D. Deploy the application to a staging environment and force a failover to this environment. To restore the previous version, create a backup and restore from the previous night\\'s backup.

Correct Answer: A

QUESTION 11

A cloud service provider wants to offer hardened virtual server images for provisioning purposes. This will enable users to use only the operating system services that are allowed by the provider. Which of the following tasks are MOST appropriate for the hardening process? (Select TWO).

A. Disable automatic updates.

B. Disable the command prompt.

C. Disable unneeded ports and services.

D. Disable the local administrator account.

E. Disable the remote desktop connection.

F. Disable complex passwords.

Correct Answer: AC

QUESTION 12

Anne, a system administrator, has replaced an HBA in one of her servers; however, none of the FC logical drives are accessible. Which of the following is MOST likely to be the case?

A. The WWN of the new HBA is not defined in the FC switch.

B. The MAC address of the new HBA is not defined in the FC switch.

C. The LUN mask of the new HBA is not defined in the FC switch.

D. The IP of the new HBA is not defined in the FC switch.

Correct Answer: A

QUESTION 13

A cloud provider wants to automate the installation of standard applications and services as part of the PaaS environment. The provider generates scripts for installation and configuration, taking into account the values provided by the users as input. The scripts need to be run automatically as part of the provisioning process and reused later for other purposes.

Which of the following would help the provider do this?

A. Provisioning

B. Orchestration

C. Self-service portal

D. Baselines

Correct Answer: B

Reference: https://docs.microsoft.com/en-us/azure/automation/automation-intro

QUESTION 14

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.

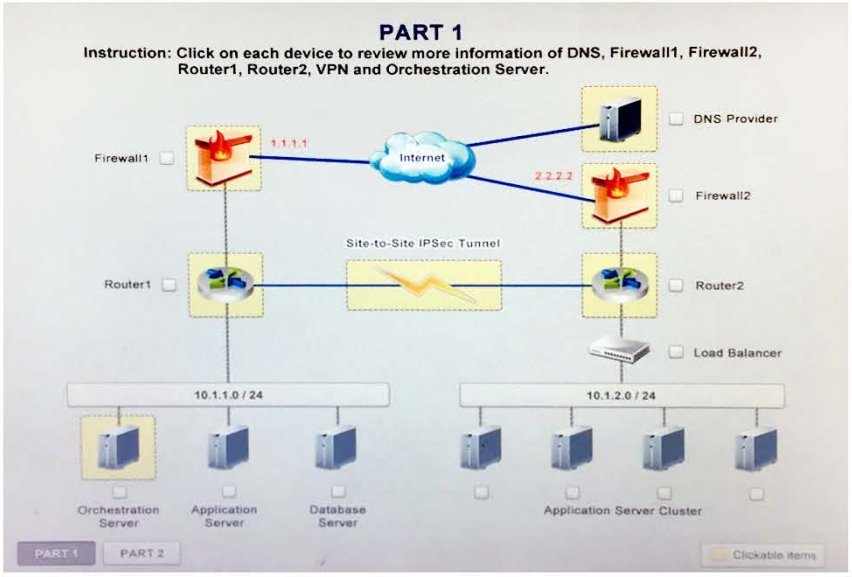
During testing, the company discovers that only 20% of connections completed successfully.

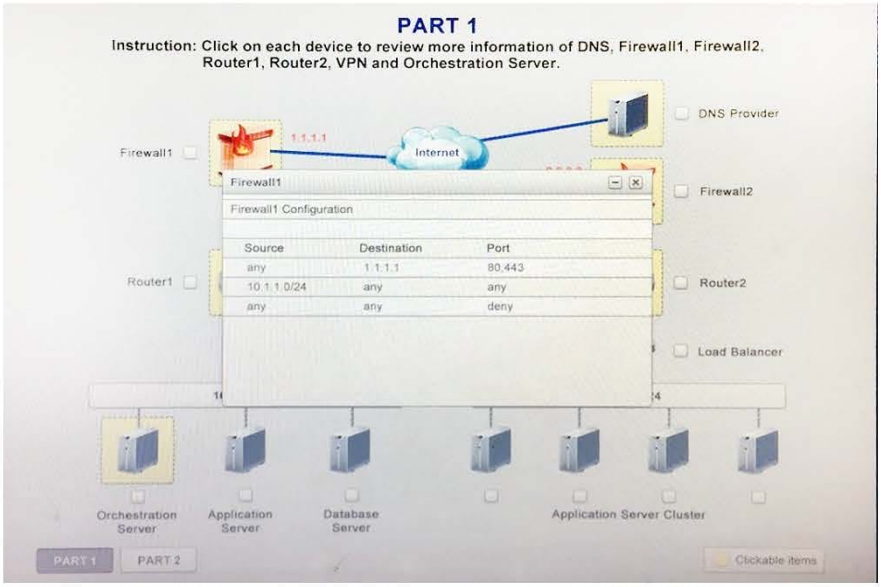
Review the network architecture and supporting documents and fulfill these requirements: Identify the correct options to provide adequate configuration for hybrid cloud architecture.

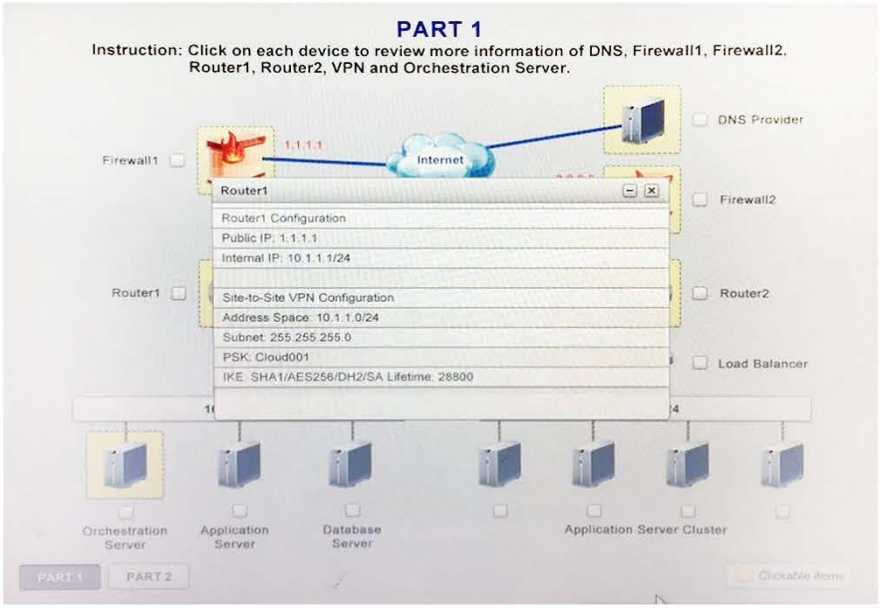
Instructions:

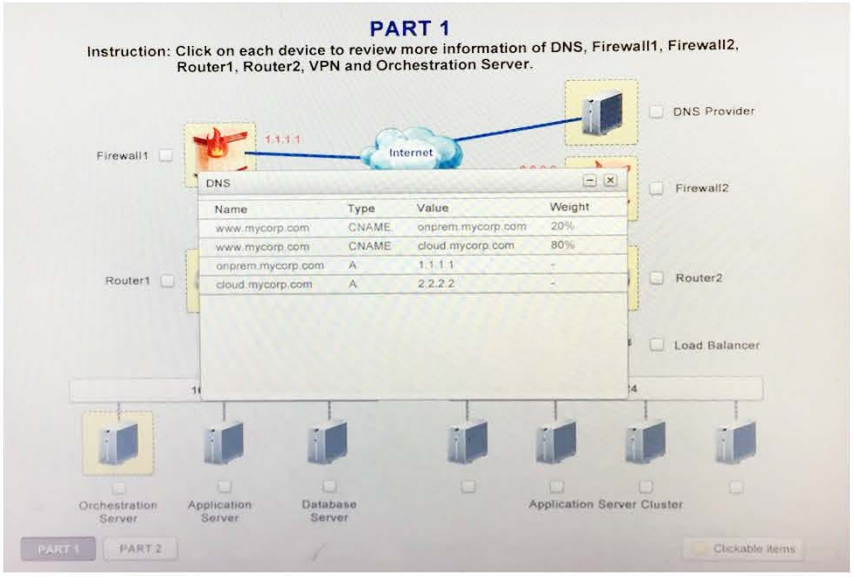
If at any time you would like to bring back the initial state of the simulation, please select the Reset button. When you have completed the simulation, please select the Done button to submit. Once the simulation is submitted, please select the Next button to continue.

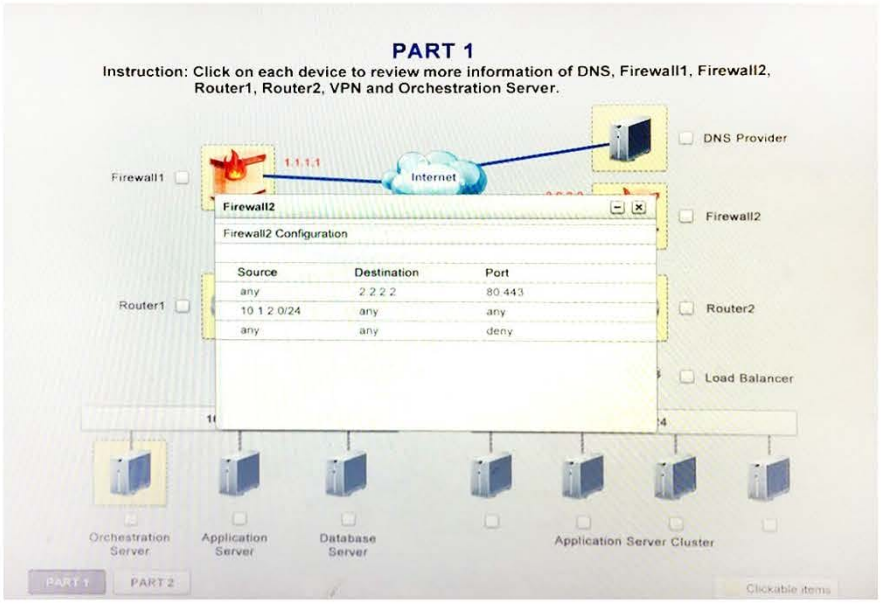
Simulation

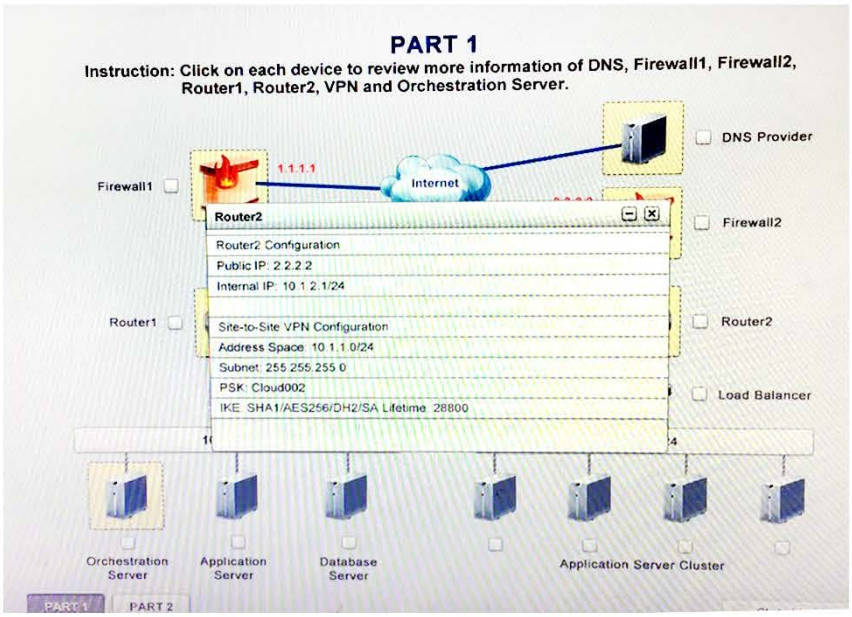

PART 1
Instruction: Click on each device to review more information of DNS, Firewall1, Firewall2, Router1, Router2, VPN and Orchestration Server.
DNS Provider
Firewall1
1.1.1.1
Internet
2.2.2.2
Firewall2
Site-to-Site IPSec Tunnel
Router1
Router2
Load Balancer
10.1.1.0 / 24
10.1.2.0 / 24
Orchestration Server
Application Server
Database Server
Application Server Cluster
PART 1
PART 2
Clickable items

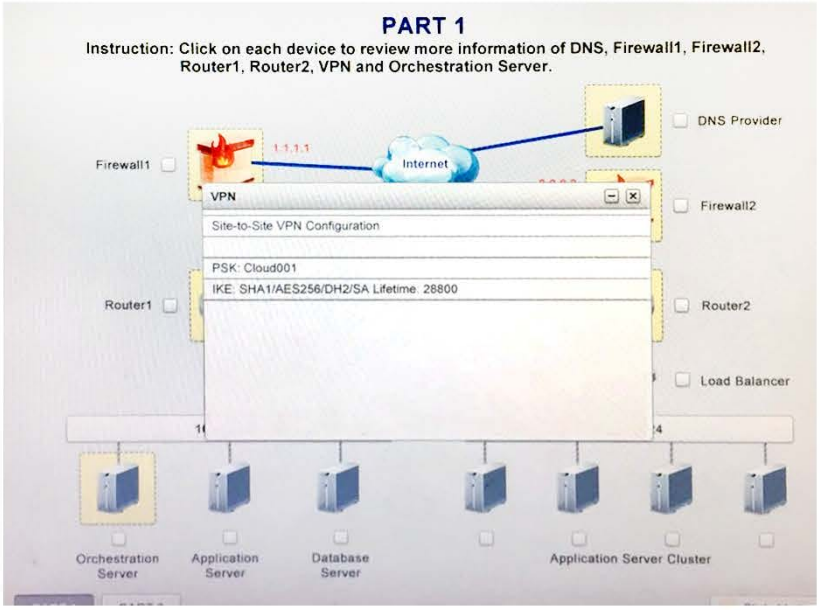

PART 1
Instruction: Click on each device to review more information of DNS, Firewall1, Firewall2, Router1, Router2, VPN and Orchestration Server.
DNS Provider
Firewall1
1.1.1.1
Internet
Firewall1
Firewall1 Configuration
Source
Destination
Port
any
1.1.1.1
80,443
10.1.1.0/24
any
any
any
any
deny
Firewall2
Router1
Router2
Load Balancer
Orchestration Server
Application Server
Database Server
Application Server Cluster
PART 1
PART 2
Clickable items

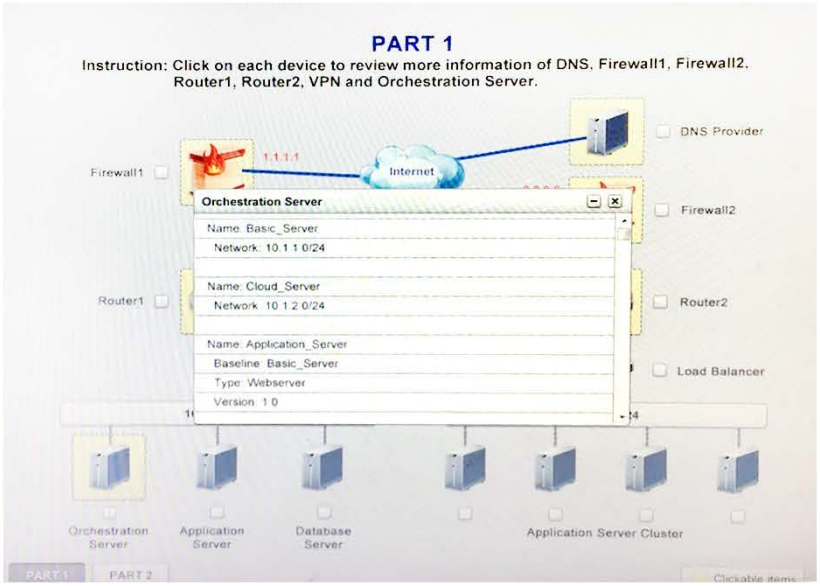

PART 1
Instruction: Click on each device to review more information of DNS, Firewall1, Firewall2, Router1, Router2, VPN and Orchestration Server.
DNS Provider
Firewall1
1.1.1.1
Internet
Router1
Router1 Configuration
Public IP: 1.1.1.1
Internal IP: 10.1.1.1/24
Site-to-Site VPN Configuration
Address Space: 10.1.1.0/24
Subnet: 255.255.255.0
PSK: Cloud001
IKE: SHA1/AES256/DH2/SA Lifetime: 28800
Firewall2
Router1
Router2
Load Balancer
Orchestration Server
Application Server
Database Server
Application Server Cluster
PART 1
PART 2
Clickable items

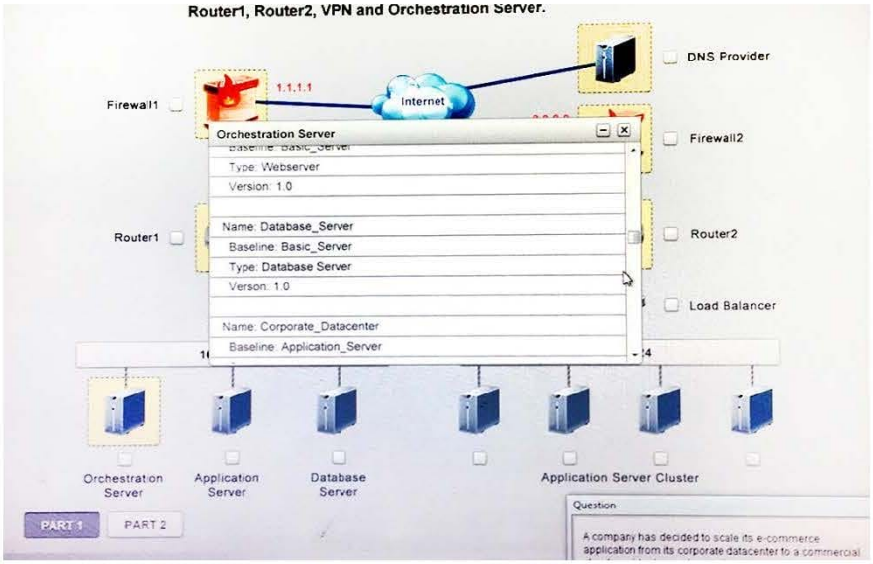

PART 1
Instruction: Click on each device to review more information of DNS, Firewall1, Firewall2, Router1, Router2, VPN and Orchestration Server.
DNS Provider
Firewall1
1.1.1.1
Internet
DNS
Firewall2
Name Type Value Weight
www.mycorp.com CNAME onprem.mycorp.com 20%
www.mycorp.com CNAME cloud.mycorp.com 80%
onprem.mycorp.com A 1.1.1.1 -
cloud.mycorp.com A 2.2.2.2 -
Router1
Router2
Load Balancer
Orchestration Server
Application Server
Database Server
Application Server Cluster
PART 1
PART 2
Clickable items

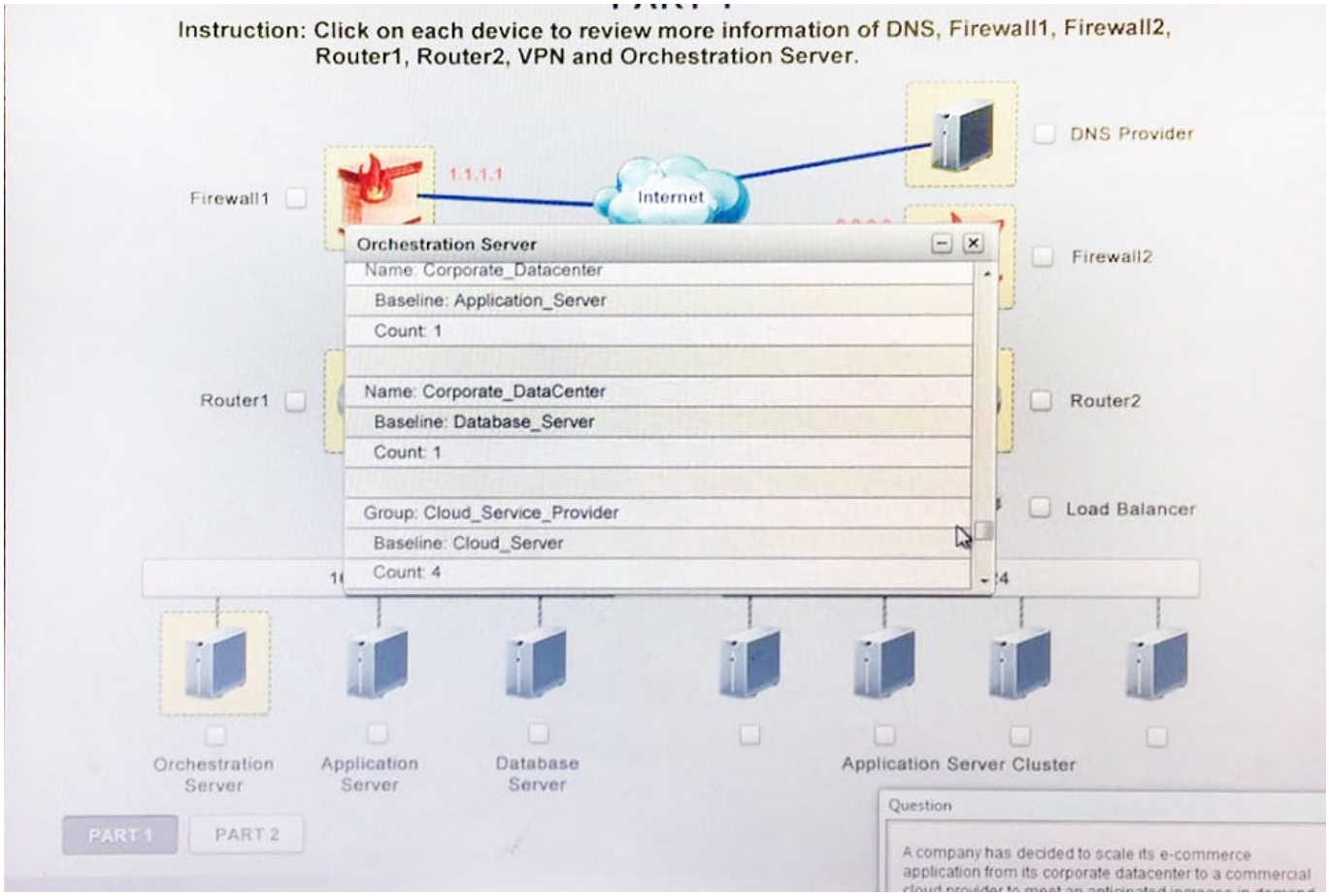

PART 1
Instruction: Click on each device to review more information of DNS, Firewall1, Firewall2, Router1, Router2, VPN and Orchestration Server.
DNS Provider
Firewall1
1.1.1.1
Internet
Firewall2
Firewall2 Configuration
Source Destination Port
any 2.2.2.2 80,443
10.1.2.0/24 any any
any any deny
Firewall2
Router1
Router2
Load Balancer
Orchestration Server
Application Server
Database Server
Application Server Cluster
PART 1
PART 2
Clickable items


PART 1
Instruction: Click on each device to review more information of DNS, Firewall1, Firewall2, Router1, Router2, VPN and Orchestration Server.
DNS Provider
Firewall1
1.1.1.1
Internet
Router2
Router2 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
Firewall2
Router1
Router2
Load Balancer
Orchestration Server
Application Server
Database Server
Application Server Cluster
PART 1
PART 2


PART 1
Instruction: Click on each device to review more information of DNS, Firewall1, Firewall2, Router1, Router2, VPN and Orchestration Server.
DNS Provider
Firewall1
1.1.1.1
Internet
VPN
Firewall2
Site-to-Site VPN Configuration
PSK: Cloud001
IKE: SHA1/AES256/DH2/SA Lifetime: 28800
Router1
Router2
Load Balancer
Orchestration Server
Application Server
Database Server
Application Server Cluster


PART 1
Instruction: Click on each device to review more information of DNS, Firewall1, Firewall2, Router1, Router2, VPN and Orchestration Server.
DNS Provider
Firewall1
1.1.1.1
Internet
Orchestration Server
Firewall2
Name: Basic_Server
Network: 10.1.1.0/24
Name: Cloud_Server
Network: 10.1.2.0/24
Router1
Router2
Name: Application_Server
Baseline: Basic_Server
Type: Webserver
Version: 1.0
Load Balancer
Orchestration Server
Application Server
Database Server
Application Server Cluster
PART 1
PART 2


Router1, Router2, VPN and Orchestration Server.
DNS Provider
Firewall1
1.1.1.1
Internet
Orchestration Server
Firewall2
Type: Webserver
Version: 1.0
Router1
Name: Database_Server
Baseline: Basic_Server
Type: Database Server
Verson: 1.0
Router2
Load Balancer
Name: Corporate_Datacenter
Baseline: Application_Server
Orchestration Server
Application Server
Database Server
Application Server Cluster
PART 1
PART 2
Question
A company has decided to scale its e-commerce application from its corporate datacenter to a commercial



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

A. Deploy a Replica of the Database Server in the Cloud Provider

B. Update the PSK (Pre-shared key in Router2)

C. Update the A record on the DNS from 2.2.2.2 to 1.1.1.1

D. Promote deny All to allow All in Firewall1 and Firewall2

E. Change the Address Space on Router2

F. Change internal IP Address of Router1

G. Reverse the Weight property in the two CNAME records on the DNS

H. Add the Application Server at on-premises to the Load Balancer

Correct Answer: BE

QUESTION 15

Which of the following is an access control type that requires a username and password along with a hardware token?

A. SSO

B. Single-factor

C. RBAC

D. ACL

E. Multifactor

Correct Answer: E

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