Question 1

A network design must include a solution to run CLI commands remotely on Cisco Nexus 9000 Series

Switches. The customer's security policy requires secure login credentials and an encrypted underlying transport. The command output will be processed rising tools that support XML or JSON encoding.

Which two components should be included in the design? (Choose two.)

Options:

A) NX-API

B) HTTPS

C) HTTP

D) Bash shell

E) SSH

Answer:

A, B

Explanation:

Programmability_Configuration_Guide_chapter_0101.html

Question 2

Question Type: MultipleChoice

An engineer wants to eliminate the manual process of checking the system hardware and firmware against a specified hardware compatibility tool. The tool must be able to manage an extensive list of devices including Cisco HyperFlex, MDS, and Nexus switches. The tool must manage hardware in multiple data centers so it

should be deployed on public cloud infrastructure.

Which tool meets these requirements?

Options:

A) Cisco Tetration

B) Cisco Data Center Network Manager

C) Cisco UCS Director

D) Cisco Intersight

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Answer:

D

Question 3

Question Type: MultipleChoice

Which two automation requirements are met when Puppet is used? (Choose two.)

Options:

A) Enable clients to pull changes without installing an agent.

B) Enable clients to pull changes to configuration files.

C) Enable one-off infrastructure changes to be performed manually.

D) Immediately push configuration updates to servers.

E) Provide support for writing new modules in Python.

Answer:

A, D

Question 4

A company must introduce a scalable network automation tool to deploy, configure, and manage thousands of network devices and servers. The company servers already have been security-hardened and must not have any additional software installed on them. The security policy mandates the use of a secure communication protocol that supports authentication and encryption for managing the servers.

Which two automation tools must be used to meet these requirements? (Choose two.)

Options:

A) Ansible

B) CFEngine

C) SaltStack

D) Chef

E) Puppet

Answer:

C, E

Question 5

Question Type: **MultipleChoice**

An engineer manages hundreds of Cisco Nexus 3000 Series and 9000 Series Switches that are installed at several data centers and wants to use one of the built-in automation tools of the Cisco NX-OS Guest Shell to automate daily activities. The engineer requires a tool that uses imperative language, has extensive library support, and is object-oriented.

Which automation tool should be used to meet these requirements?

Options:

A) Python

B) Bash

C) Perl

D) YAML

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Answer:

A

Question 6

Question Type: MultipleChoice

A network architect designs a high-availability architecture for the Cisco UCS Fabric Interconnects that are installed in a data center. The architecture must support clustering and redundancy.

Which architecture meets these requirements?

Options:

A) dual connections from port L1 to L1 and one connection from port L1 to L1 with twinax cables

B) dual connections from port L1 to L2 and one connection from port L2 to L1 with twinax cables

C) dual connections from port L1 to L2 and one connection from port L2 to L1 with Ethernet cables

D) dual connections from port L1 to L1 and one connection from port L2 to L2 with Ethernet cables
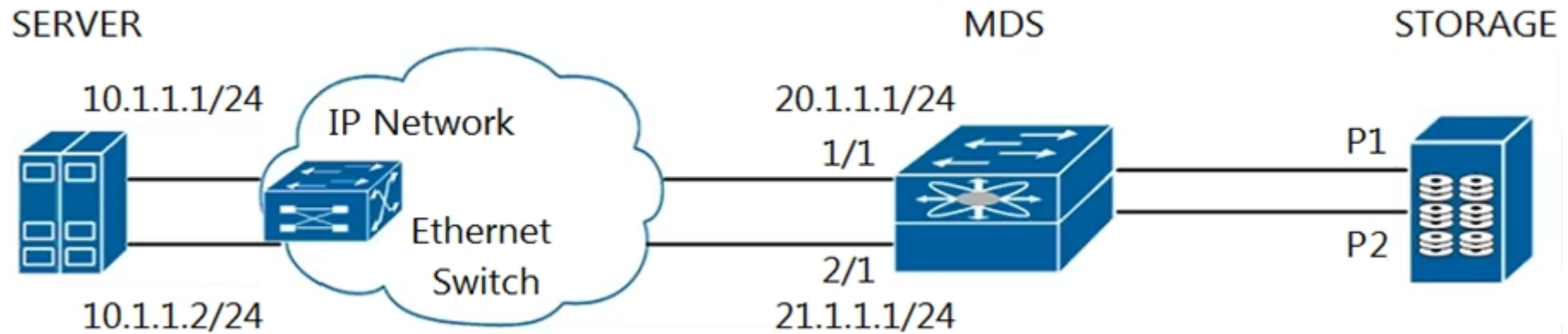
Answer:

D

Explanation:

ch10lvl1sec92/configuring-high-availability-clustering

Question 7

Question Type: MultipleChoice

Refer to the exhibit.

SERVER

10.1.1.1/24

IP Network

Ethernet
Switch

10.1.1.2/24

MDS

20.1.1.1/24
1/1

2/1
21.1.1.1/24

STORAGE

P1

P2

A high-availability setup for iSCSI is designed with the host running iSCSI multipath software. Each IP storage port on the MDS switch exports the same two Fibre Channel target ports with different iSCSI target names.

In this design, how many iSCSI sessions are created from the host so that recovery occurs if any component fails?

Options:

A) 2

B) 3

C) 4

D) 5

Answer:

C