

300-610^{Q&As}

Designing Cisco Data Center Infrastructure (DCID)

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QUESTION 1

An engineer is designing a disaster recovery solution. In the event of a node failure, the solution should either direct all of the traffic to another node, or load-balance the traffic across the remaining nodes. Which solution should be implemented in the design?

- A. cold standby
- B. warm standby
- C. active/active
- D. active/passive

Correct Answer: C

QUESTION 2

A company purchased a Cisco UCS system with four 5108 Chassis populated with UCS B-Series servers. The environment consists of nine Cisco HyperFlex rack servers. An engineer must provision virtual machines using an orchestration tool to optimize overall deployment time.

Which orchestration must be used to meet this requirement?

- A. Cisco Intersight
- B. Cisco DNA Center
- C. Cisco AppDynamic
- D. Cisco Network Assurance

Correct Answer: A

QUESTION 3

A Cisco engineer is developing a custom application that can run natively in Cisco NX-OS on Nexus 9000 and Nexus 3000 platforms. For the NX-SDK application to run, the engineer enables the NX-SDK feature on the device. Then the NX-SDK is imported into the application via an `import nx_sdk_py` statement. The engineer creates custom CLI commands and defines custom CLI command syntax within the `sdkThread` function.

When CLI commands originate from an NX-SDK application, what class is this?

- A. `cliCmdPrintConsole`
- B. `postCliCb`
- C. `pyCmdHandler`

D. nx_sdk_pyValid-to_int

Correct Answer: D

QUESTION 4

An engineer manages a multi-organization Cisco UCS fabric and requires a solution to streamline the daily operational tasks of creating service profile templates. The operations team is unfamiliar with programming languages and must have a solution that is written in an easy-to-read and declarative manner. The operations team also requires the tool to be flexible enough to support the creation of custom modules. The development team is familiar with the Python programming language and can develop these custom modules for the operations team.

Which tool meets these requirements?

- A. Ansible
- B. Puppet
- C. CFEngine
- D. Chef

Correct Answer: A

QUESTION 5

A company data center requires a new disaster recovery solution to host critical services. The solution can sustain several hours of data loss because the services are routinely backed up to an offsite location. Also, the disaster recovery solution must provide 24-hour availability. Due to the strict policy requirements, the company wants to retain complete control of when the failover process occurs.

Which solution meets these requirements?

- A. active/active
- B. hot standby
- C. warm standby
- D. cold standby

Correct Answer: D
