

# T estpassport Q&A



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**Exam** : **350-901**

**Title** : Developing Applications  
using Cisco Core Platforms  
and APIs v1.0

**Version** : DEMO

1.What is a consideration for using gRPC as the model-driven telemetry protocol on a Cisco IOS XE device?

- A. XML-based transmission format
- B. works in dial-out mode
- C. human-readable transmission format
- D. works in call-out mode

**Answer: B**

2.An automated solution is needed to configure VMs in numerous cloud provider environments to connect the environments to an SDWAN. The SDWAN edge VM is provided as an image in each of the relevant clouds and can be given an identity and all required configuration via cloud-init without needing to log into the VM once online.

Which configuration management and/or automation tooling is needed for this solution?

- A. Ansible
- B. Ansible and Terraform
- C. NSO
- D. Terraform
- E. Ansible and NSO

**Answer: D**

3.A developer must deploy a containerized application for network device inventory management. The developer sets up a Kubernetes cluster on two separate hypervisors. The SLA is not currently meeting a specified maximum value for network latency/jitter CPU/memory and disk I/O are functioning properly.

Which two design approaches resolve the issue" (Choose two.)

- A. Colocate services in the same pod
- B. Replace the HDD drives with SSD drives
- C. Enable IPv6 within the cluster
- D. Deploy the cluster to a bare metal server
- E. Upgrade the server NIC card

**Answer: A,E**

4.What is a characteristic of a monolithic architecture?

- A. It is an application with multiple independent parts.
- B. New capabilities are deployed by restarting a component of the application.
- C. A service failure can bring down the whole application.
- D. The components are platform-agnostic.

**Answer: C**

**Explanation:**

A monolithic app can be platform-agnostic but it's not mandatory. But if the app is monolithic, a service failure (such as storage or network) will bring down the whole app/service. This is unlike the distributed application architecture where failure of one microcomponent can be detected and fixed dynamically.

5.An engineer needs to configure an interface named GigabitEthernet3 with an IP address on several RESTCONF-enabled Cisco IOS XE devices.

Which code snippet must be placed in the blank in the code to meet this requirement?

- A. (item["name"])
- B. (item["name"])/ip/address3
- C. item["name"]:/ip/address/primary'
- D. (Itemt"name"}} /ip

**Answer: B**