DevNet Associate (Version 1.0) – Module 2 Exam Answers

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January 17, 2021

Module 2: The DevNet Developer Environment Exam Answers

How to find: Press **"Ctrl + F"** in the browser and fill in whatever wording is in the question to find that question/answer. If the question is not here, find it in **Questions Bank**.

NOTE: If you have the new question on this test, please comment Question and Multiple-Choice list in form below this article. We will update answers for you in the shortest time. Thank you! We truly value your contribution to the website.

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1. What is network programmability?

- the ability to easily monitor network devices using traditional network protocols
- the ability to program network devices using repettive manual configuration via a terminal and command sets
- **the ability to configure, monitor, and react to events in the network in real time**
- the ability to configure virtualized networks and deploy virtualized services in real time

Explanation: Network programmability is defined as the abity to configure, monitor, and react to events in the network in real tme through the use of APIs.

2. What is the purpose of Cisco DevNet?

- to be the central resource for everything about networking at Cisco
- **to teach everyone about the different Cisco API offerings and how to use them**
- to teach specific coding courses such as advanced Python and implementing REST APIs
- to be the central resource for advanced software developers and the use of Cisco APIs

Explanation: Cisco DevNet exists to teach everyone about the different Cisco API offerings and how to use them. In addition, DevNet also teaches generic coding courses.

3. What are two benefits of using APIs and integrations between applications? (Choose two.)

- Integrations are used to verify compatibility between different applications.
- Integrations enable the applications to run a Docker instance using Hyper-V.
- Integrations enable the applications to be installed on any operating system type.
- **Integrations are used to provide applications the ability to notify each other when a specific event happens.**
- **Integrations enable the applications to request actions from each other.**

Explanation: Integrations build a network between multiple applications. This allows the applications to share data, request actions to be performed, or even notify each other when a specific event happens.

4. What is the contracted response time after a developer opens a case-based ticket with the DevNet support service?

- one week
- five business days
- one hour
- **one business day**

Explanation: The response time on developer support case-based tickets is within one business day.

5. Which Cisco DevNet developer support option provides 1-on-1 support to the members of the Solution Partner program?

- **case-based ticket**
- community forum
- knowledge base
- chat with DevNet

Explanation: The case-based ticket DevNet developer support option provides 1-on-1 support for certain Cisco APIs at a cost.

6. Which technology trend enables an industry shift towards automation, applications, and integrations?

- smaler and faster CPUs
- **advanced API capabilities**
- increased storage and RAM
- increased intenet connection bandwidth

Explanation: APIs, known as application programming interfaces, are causing a shift in the IT industry through the replacement of repetitive manual tasks with automation.

7. What resources are available in the Cisco DevNet sandboxes?

- self-paced tutorials that cover a wide range of automation and integration topics
- support for developer-related issues through the use of forums and live chats
- a repository of sample code writen by developers
- **production-like development and code testing environments**

Explanation: The Cisco DevNet sandboxes provide users with a production-like development and testing environments for a lot of the Cisco technologies.

8. Which link is used from the Cisco DevNet Learning Labs to access the largest collections of labs?

- Sections
- Modules
- Bookends
- **Tracks**

Explanation: The DevNet Learning Labs consist of tracks that contain modules and modules contain labs. So, the largest collection of Learning Labs is tracks.

9. Which Cisco DevNet online resource provides use cases for network automation, including listing data and activating policies across domains?

- **Automation Exchange**
- DevNet Learning Labs
- DevNet Sandbox
- Code Exchange

Explanation: The Automation Exchange provides various use cases for network automation.
Listing data
Adding configurations
Activating policies across domains
Activating policies across users
Activating policies across devices

10. What are two requirements when participating in the DevNet Learning Labs? (Choose two.)

- **The user must successfully log in with a DevNet account.**
- The user must have successfully passed the 200-901 DEVASC exam.
- **The user must have an active internet connection.**
- The user must have purchased the DevNet Learning Labs activation license.
- The user must install a developer environment on a local computer.

Explanation: When starting the DevNet Learning Labs for the first time there are only two requirements:
You must have an internet connection.
You must have a DevNet account.

11. What are three major areas that comprise DevNet? (Choose three.)

- on-line training site for various technology vendors
- **interactive and collaborative developer community**
- **integrated community forums**
- automation and programmability standards development area
- providing support for website creation and maintenance
- **coordinated developer tools**

Explanation: DevNet is a fully-integrated developer program consisting of a website, an interactive developer community, coordinated developer tools, integrated community forums, and sandboxes.

12. What resources are available in the Cisco DevNet Code Exchange?

- **a repository of sample code written by other developers**
- production-like development and code testing environments
- support for developer-related issues using forums and live chats
- self-paced tutorials that cover a wide range of automation and integration topics

Explanation: The Cisco DevNet Code Exchange provides a repository of sample code to be shared with other developers.