CISCO 300-915 DEVIOT STUDY GUIDE PDF

Cisco DevNet Specialist Certification Questions & Answers

Details of the Exam-Syllabus-Questions

300-915

Cisco Certified DevNet Specialist IoT

55-65 Questions Exam – Variable (750-850 / 1000 Approx.) Cut Score – Duration of 90 minutes

Table of Contents:

Get an Overview of the 300-915 DEVIOT Certification:

Who should take the **300-915 exam**? This is the first question that comes to a candidate's mind when preparing for the DevNet Specialist certification. The 300-915 certification is suitable for candidates who are keen to earn knowledge on the DevNet and grab their Cisco Certified DevNet Specialist IoT. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But 300-915 DEVIOT study guide PDF is here to solve the problem. 300-915 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the Cisco 300-915 Certification?

There are several reasons why one should grab the 300-915 certification.

- The DevNet Specialist certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the **Cisco Certified DevNet Specialist IoT** is a powerful qualification for a prosperous career.

What Is the Cisco 300-915 DevNet Specialist Certification Exam Structure?

Exam Name	Cisco Certified DevNet Specialist IoT
Exam Number	300-915 DEVIOT
Exam Price	$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)

Recommended Training	**Developing Solutions using Cisco IoT & Edge Platforms (DEVIOT)**
Exam Registration	**PEARSON VUE**
Sample Questions	**Cisco 300-915 Sample Questions**
Practice Exam	**Cisco Certified DevNet Specialist IoT Practice Test**

Enhance Knowledge with 300-915 Sample Questions:

Question: 1

When an RS232 device is connected to a Cisco IR829 router, the data collected is not being parsed correctly by the edge application. Which two steps should be taken to troubleshoot the issue?

(Choose two.)

a) SSH access on the Cisco IR829 router must be enabled for IOx Guest OS.
b) Communication mode must be set to half duplex over serial connection.
c) Serial cable length should not exceed 1.5 meters.
d) Ensure that communication parameters like baud rate and parity are set correctly.
e) Set the cable connections based on the PIN layout from the sensor vendor.

Answer: d, e

Question: 2

Mosquitto was installed correctly on the Cisco IR829 router as a Cisco IOx application. When the sensor is connected to the broker on the Cisco IR829 router with the default port, the connection is refused (Error Code 5).

Which action should be done to resolve the issue?

a) Insert in the IOS config: ip nat inside source static tcp 1883 interface GigabitEthernet0 1883
b) Insert in the package_config.ini file under section ports: tcp: ["8883"]
c) Use the correct username and password.
d) Insert in the package.yaml file under section ports: tcp: ["1883"]

Answer: c

Question: 3

Where are edge data services typically instantiated?

a) at the edge of network
b) in the cloud
c) in the data center
d) in a private cloud

Answer: a

Question: 4

After an application is deployed, potential issues arise around connectivity. As part of the troubleshooting process, the IP address must be determined to ensure end-to-end communication. Which method provides the required details using the Cisco IOx CLI?

a) ioxclient application status <iox_application>
b) ioxclient application metrics <iox_application>
c) ioxclient application getconfig <iox_application>
d) ioxclient application info <iox_application>

Answer: d

Question: 5

What are two functionalities of edge data services? (Choose two.)

a) creating a machine learning data model
b) supporting many interfaces and APIs
c) applying advanced data analytics
d) filtering, normalizing and aggregating data
e) saving data for a prolonged time period

Answer: d, e

Question: 6

In a secure software development lifecycle process, what must be created as soon as the architecture is in place?

a) integration plan
b) test plan
c) functional specification document

d) threat modeling

Answer: c

Question: 7

Which two states are applications expected to be seen in when they are managed on Cisco IOx?

(Choose two.)

a) DEACTIVATED
b) ACTIVATED
c) ALLOWED
d) STOPPED
e) VALIDATED

Answer: b, d

Question: 8

A company is collecting data from several thousand machines globally. Which software component in the overall architecture is the next destination of the dataflow after the data has been gathered and normalized on the edge data software?

a) relational database: MySQL
b) historian database: influxDB
c) message broker: Apache Kafka
d) dashboard: Node.js web app

Answer: b

Question: 9

The environment for an Industrial IoT project in a large open pit mine is being scoped. The location has a large amount of dust and the device will be exposed to less than 1 meter of water temporarily.

When the edge device is being chosen, which Ingress protection rating must be used?

a) IP67
b) IP61
c) IP37
d) IP76

Answer: a

Question: 10

How does the Cisco router (IR) and switch (IE) portfolio support edge data services?

    a) Edge data services can be run and managed as containers using Cisco IOx.
    b) Edge data services can run only in virtual machines on a separate compute layer.
    c) Edge data services are aliases for IR/IE configuration services.
    d) Edge data services run as separate instances only on virtual machines.

Answer: c

What Study Guide Works Best in Acing the Cisco 300-915 DevNet Specialist Certification?

The 300-915 DEVIOT study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the DevNet Specialist exam, getting in full touch of the **syllabus** is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

Do not forget to join the Cisco 300-915 training if it is providing any Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a **PDF format** or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and Utilize the Cisco 300-915 Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, 300-915 practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven 300-915 Practice Test for Success!!!

Do you want to pass the 300-915 exam on your first attempt? Stop worrying; we, NWExam.com are here to provide you the best experience during your Developing Solutions using Cisco IoT and Edge Platforms preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium **300-915 practice tests**. Our expert-designed questions help you to improve performance and pass the exam on your first attempt.