IBM C1000-166

IBM Cloud Professional Developer Certification Questions & Answers

Exam Summary – Syllabus –Questions

C1000-166
IBM Certified Professional Developer - Cloud v6
65 Questions Exam – 62% Cut Score – Duration of 90 minutes

Table of Contents:

Know Your C1000-166 Certification Well:

The C1000-166 is best suitable for candidates who want to gain knowledge in the IBM Cloud - Cloud Solutions. Before you start your C1000-166 preparation you may struggle to get all the crucial Cloud Professional Developer materials like C1000-166 syllabus, sample questions, study guide.

But don't worry the C1000-166 PDF is here to help you prepare in a stress free manner.
The PDF is a combination of all your queries like-
- What is in the C1000-166 syllabus?
- How many questions are there in the C1000-166 exam?
- Which Practice test would help me to pass the C1000-166 exam at the first attempt?

Passing the C1000-166 exam makes you IBM Certified Professional Developer - Cloud v6. Having the Cloud Professional Developer certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

IBM C1000-166 Cloud Professional Developer Certification Details:

Exam Name	IBM Certified Professional Developer - Cloud v6
Exam Code	C1000-166
Exam Price	$200 (USD)
Duration	90 mins
Number of Questions	65
Passing Score	62%
Books / Training	**IBM Cloud Professional Developer 2023**
Schedule Exam	**Pearson VUE**
Sample Questions	**IBM Cloud Professional Developer Sample Questions**
Practice Exam	**IBM C1000-166 Certification Practice Exam**

C1000-166 Syllabus:

Topic	Details	Weights
Using IBM Cloud	- Identify IBM Cloud features and benefits for Cloud developers.	2%
Automated Development Tools	- Identify fundamental concepts of Continuous Delivery Service - Identify the features available when using Tekton pipelines on IBM Cloud - Indicate the benefits when using DevOps Toolchains on IBM Cloud - Identify the fundamental concepts of IBM Cloud Schematics	23%
Deploying an Application on IBM Cloud	- Indicate the purpose of IBM Cloud Container Registry - Recognize the considerations when deploying an application using IBM Cloud Kubernetes Service on IBM Cloud - Recognize the considerations when deploying an application using Red Hat OpenShift on IBM Cloud - Recognize the considerations when deploying an application using Code Engine on IBM Cloud - Distinguish between IBM Cloud Platform compute options - Identify appropriate use cases for VSIs in IBM Cloud Platform - Identify appropriate use cases for using Bare Metal Servers on IBM Cloud Platform - Identify appropriate use cases for VMware solutions on IBM Cloud Platfor	27%
Application Security	- Identify access controls when using IBM Cloud Identify and Access Management (IAM) - Indicate the reasons an IBM Cloud Developer would use App ID when developing an application - Choose the best practices when using Secrets Manager - Indicate the purpose of secure key management on IBM Cloud	23%

Topic	Details	Weights
	- Identify the role of service accounts in container security - Indicate the use of role-based access control (RBAC) in Kubernetes - Identify the key security aspects of cloud-native applications	
Integrating IBM Cloud Services	- Determine the IBM Cloud Object Storage elements that secure data at rest, data in motion, and data access - Distinguish between the IBM Cloud Databases services - Understand the importance of IBM Log Analysis from a DevSecOps perspective - Understand the importance of IBM Cloud Monitoring from a DevSecOps perspective - Recognize the functionality provided by IBM Watson Assistant - Indicate the capabilities of the IBM Watson Text to Speech API - Identify the common input and output features of IBM Watson Speech to Text API - Recognize the functionality of Watson Language Translator - Identify appropriate use cases for IBM Watson Natural Language Understanding - Identify the use of Cloud Internet Services (CIS)	25%

IBM C1000-166 Sample Questions:

Question: 1

Which one of the following capabilities of DevOps toolchain includes having the option to leverage a browser-based IDE?

- a) Integrate open toolchains
- b) Collaborate
- c) Edit and push code
- d) Deliver continuously

Answer: c

Question: 2

A development team has decided to use Ansible playbooks in order to automate configuration tasks. The team wants to store the playbooks in a repository that provides source control and an easy means of collaboration.

Which two options would meet this requirement and make the playbooks accessible to IBM Cloud Schematics?

a) Team Foundation Server
b) GitLab
c) Monotone
d) Bitbucket
e) Assembla

Answer: b, d

Question: 3

A developer has created a Red Hat OpenShift on IBM Cloud cluster using VPC compute infrastructure. Why can't the developer see the worker nodes via the VPC screens in the console?

a) Kubernetes cluster worker nodes and VPC reside in the client account
b) Cluster nodes are not properly configured
c) Worker nodes have been moved to a different VPC region
d) VPC workers reside in an IBM service account and are connected to the client's network

Answer: d

Question: 4

A developer has concerns that the automatic refreshing of secrets could result in application downtime, as the secrets could be refreshed while the application is live.

Which of the following features of IBM Cloud Secrets Manager should the developer use to prevent this?

a) Secrets Engine
b) Locking Secrets
c) Secrets Rotation
d) User Restriction

Answer: b

Question: 5

When a developer uses a role binding to apply a role, they give a user access to resources. How are those resources scoped?

a) Specific pod
b) Specific cluster
c) Specific namespace
d) Specific cluster group

Answer: c

Question: 6

What IBM Cloud service can a developer team use to control the development pipeline?

a) Secure CI/CD service
b) Infrastructure-as-code with Chef service
c) VM transformation powered by AI service
d) Low Code/No Code ML service

Answer: a

Question: 7

At what point does the Vulnerability Advisor scan images for vulnerabilities?

a) Once a month
b) Every time the IBM Cloud account is accessed
c) Only when manually initiated
d) Every time an image is pushed to the registry

Answer: d

Question: 8

Which two integrations does Watson Assistant provide out of the box?

a) Slack
b) WhatsApp
c) Twitter
d) Google Chat
e) Wordpress

Answer: a, b

Question: 9

Which role is a combination of any number of actions that are available for a service for any platform or service role?

a) Custom access
b) Platform management
c) Service access
d) Combined access

Answer: a

Question: 10

What are two benefits of IBM Cloud Code Engine?

a) Use low code/no code
b) Fully managed service
c) Runs on bare metal servers
d) Database engine
e) Scale to zero

Answer: b, e

Study Guide to Crack IBM Cloud Professional Developer C1000-166 Exam:

- Getting details of the C1000-166 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the C1000-166 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the IBM provided training for C1000-166 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the C1000-166 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on C1000-166 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for C1000-166 Certification

Make EduSum.com your best friend during your IBM Cloud Professional Developer v6 exam preparation. We provide authentic practice tests for the C1000-166 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual C1000-166 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the C1000-166 exam.

Start Online practice of C1000-166 Exam by visiting URL
https://www.edusum.com/ibm/c1000-166-ibm-cloud-professional-developer-v6