IBM C1000-176 STUDY GUIDE PDF

Grab the IBM Cloud Advanced Architect Certification PDF Questions & Answers

Details of the Exam-Syllabus-Questions

C1000-176
IBM Certified Advanced Architect - Cloud v2
60 Questions Exam – 62% Cut Score – Duration of 90 minutes

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Get an Overview of the C1000-176 Certification:

Who should take the **C1000-176 exam**? This is the first question that comes to a candidate's mind when preparing for the Cloud Advanced Architect certification. The C1000-176 certification is suitable for candidates who are keen to earn knowledge on the IBM Cloud - Cloud Solutions and grab their IBM Certified Advanced Architect - Cloud v2. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But C1000-176 study guide PDF is here to solve the problem. C1000-176 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the IBM C1000-176 Certification?

There are several reasons why one should grab the C1000-176 certification.

- The Cloud Advanced Architect 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 **IBM Certified Advanced Architect - Cloud v2** is a powerful qualification for a prosperous career.

What is the IBM C1000-176 Cloud Advanced Architect Certification Exam Structure?

Exam Name	IBM Certified Advanced Architect - Cloud v2
Exam Code	C1000-176
Exam Price	$200 (USD)
Duration	90 mins
Number of Questions	60
Passing Score	62%
Books / Training	**IBM Cloud Advanced Architect 2024**
Schedule Exam	**Pearson VUE**
Sample Questions	**IBM Cloud Advanced Architect Sample Questions**
Practice Exam	**IBM C1000-176 Certification Practice Exam**

Enhance Knowledge with C1000-176 Sample Questions:

Question: 1

A novice team is developing their first e-commerce application that will run in a Red Hat Openshift cluster in IBM Cloud. They built a single microservice to handle two distinct functionalities: inventory operations and payment processing.

What is the best advice that you could give to the team to improve the scalability, security, and resiliency of their application?

   a) Separate the functionalities into two distinct microservices. Each microservice should have a single responsibility
   b) Combine other business functionalities into the single microservice. A selfcontained binary is more secure
   c) Use Source-to-Image (S2I) to analyze runtime metrics. A microservice should always provide high degrees of observability
   d) Routinely reload cluster nodes to achieve high resiliency and loose coupling of application components

Answer: a

Question: 2

Which IBM Cloud service can be deployed to reduce latency when serving static content such as documents, images, and video to end users dispersed across multiple geographies?

   a) IBM Cloud VPC Bare Metal Server
   b) IBM Cloud Databases read-replica instance
   c) IBM Content Delivery Network
   d) IBM Cloud Direct Link Connect

Answer: c

Question: 3

A company has deployed a CRM application on IBM Cloud, which records information about customer sales, as well as customer interaction and the channels they use. The marketing department wants to run complex reporting jobs against the data set, which is located in an IBM Cloud Databases for PostgreSQL instance, but the IT department is worried about the impact this might have on response times for other users.

What can the IT department do to mitigate this concern?

a) Implement a read-replica of the PostgreSQL database and make it the target for the reporting jobs
b) Export the relevant PostgreSQL tables into YAML files and use Data Engine to query them
c) Add a new member to the PostgreSQL instance cluster and mark it as reportmaster
d) Ensure that the PostgreSQL instance is in the closest MZR to the marketing department

Answer: a

Question: 4

Which IBM Cloud service can an architect use to automate provisioning infrastructure?

a) Ansible
b) Schematics
c) Playbooks
d) Kubernetes

Answer: b

Question: 5

An enterprise needs to deploy a compute solution for a custom AIX image. Which IBM Cloud IaaS offering could be used?

a) Bare metal servers on VPC
b) Virtual servers on VPC with custom images
c) VMware vSphere Server (VSS)
d) Power Systems Virtual Servers

Answer: d

Question: 6

When applying IBM Cloud security best practices, which of the following measures is crucial for protecting data at rest?

- a) Use of IBM Cloud Internet Services
- b) Implementation of regular data backups
- c) Encryption of data using IBM Key Protect
- d) Frequent password rotation for user accounts

Answer: c

Question: 7

The process of modernizing applications and moving to the cloud can be a large undertaking. Upon the initial discussion with the client, the architect found that most of the existing applications are built both on IBM WebSphere and Oracle WebLogic.

To determine the complexity of the applications estimates and development cost to complete a move to the cloud or suggests a target environment, what should the architect use?

- a) Transformation Advisor
- b) DevOps Commander
- c) Transition Manager
- d) CF Discovery Module

Answer: c

Question: 8

What is infrastructure as code (IaC)?

- a) A method of provisioning IT infrastructure using descriptive code
- b) A method for a cloud services provider to supply computing resources
- c) Cloud computing components such as hardware, virtualized resources, storage, and networking
- d) The process of collecting and analyzing data from IT infrastructure

Answer: a

Question: 9

Which infrastructure as code (IaC) approach defines the desired final state of the infrastructure?

  a) Exclamatory
  b) Interrogative
  c) Imperative
  d) Declarative

Answer: d

Question: 10

An Architect designed an application to run across multiple IBM Cloud Kubernetes Service clusters from different regions. What should the Architect utilize to direct the traffic across clusters?

  a) Direct Link Connect
  b) VPC Network Load Balancer
  c) IBM Cloud Internet Services
  d) Transit Gateway

Answer: c

What Study Guide Works Best in acing the IBM C1000-176 Cloud Advanced Architect Certification?

The C1000-176 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 Cloud Advanced Architect 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 IBM C1000-176 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 IBM C1000-176 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, C1000-176 practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven C1000-176 Practice Test for Success!!!

Do you want to pass the C1000-176 exam on your first attempt? Stop worrying; we, EduSum.com are here to provide you the best experience during your IBM Cloud Advanced Architect v2 preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium **C1000-176 practice tests**. Our expert-designed questions help you to improve performance and pass the exam on your first attempt.