EDUSUM

#1 Online Certification Guide

IBM C1000-169

IBM Cloud Associate Certification Questions & Answers

Exam Summary – Syllabus –Questions

C1000-169

IBM Certified Associate SRE - Cloud v2

65 Questions Exam – 65% Cut Score – Duration of 90 minutes

Table of Contents:

Know Your C1000-169 Certification Well:

The C1000-169 is best suitable for candidates who want to gain knowledge in the IBM Cloud - Cloud Solutions. Before you start your C1000-169 preparation you may struggle to get all the crucial Cloud Associate materials like C1000-169 syllabus, sample questions, study guide.

But don't worry the C1000-169 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 C1000-169 syllabus?
- How many questions are there in the C1000-169 exam?
- Which Practice test would help me to pass the C1000-169 exam at the first attempt?

Passing the C1000-169 exam makes you IBM Certified Associate SRE - Cloud v2. Having the Cloud Associate 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 C1000-169 Cloud Associate Certification Details:

Exam Name	IBM Certified Associate SRE - Cloud v2
Exam Code	C1000-169
Exam Price	$200 (USD)
Duration	90 mins
Number of Questions	65
Passing Score	65%
Books / Training	**IBM Cloud Associate Site Reliability Engineer (SRE)**
Schedule Exam	**Pearson VUE**
Sample Questions	**IBM Cloud Associate Sample Questions**
Practice Exam	**IBM C1000-169 Certification Practice Exam**

C1000-169 Syllabus:

Topic	Details	Weights
SRE Fundamentals and Terminology	- Define key SRE responsibilities and SRE principles - Compare SLOs, SLIs, and SLAs and the relationship between them - Recall the benefits and foundational techniques of reliability and resiliency - Distinguish between the types of monitoring and techniques used to observe a system - Identify availability and performance impacts and solutions - Discover the value of the four golden signals - Name various troubleshooting techniques used to solve problems	15%
Incident Management and Post-Incident Reviews	- Outline key tenets, toolchain, and architecture of Incident Management - Illustrate the relationship between the service management processes - Define problem management and the benefits of using it - List techniques for doing a root cause analysis - Define post-incident review concepts - Demonstrate understanding of rank-ordered actions and automation use cases	12%
Observability Topics	- Review the benefits, types, and methods of monitoring and observability - Identify use and application of metrics - Demonstrate awareness of alert notification tools and situations that require an alert - Outline traces, distributed tracing and the importance of unique identifiers - Review resource utilization requirements and their application to monitoring strategies - Distinguish between various monitoring tools and metrics - Outline the purpose, benefits, and best practices of automated application monitoring - Demonstrate the importance of logging to SRE	18%
Troubleshooting	- Explain how troubleshooting fits into the SRE	19%

Topic	Details	Weights
and Runbooks	role and basic skills and habits of effective troubleshooting - Define IBM Cloud Code Engine and how it works - Outline how information can be found for troubleshooting - Demonstrate various troubleshooting techniques - Define troubleshooting techniques for IBM Cloud VSIs and IBM Cloud VMware - Identify troubleshooting techniques for IBM Cloud Internet Services - Explain how to troubleshoot block storage issues	
Operations	- Name the guidelines for an ORR - Demonstrate knowledge of how to perform an ORR - Apply SRE roles and responsibilities to application deployments - Define high availability and service architecture components as it relates to the workload - Explain the five tenets of Service Management and Operation as it relates to microservice architecture - Demonstrate knowledge of performance metrics monitoring tools - Outline the fundamentals of IBM Cloud Backup technology and services - Explain the importance of data integrity on IBM Cloud and IBM Cloud Native Applications - Describe data recovery and restoration planning on IBM Cloud - Define data storage replication concepts for high availability and disaster recovery across various platforms and solutions - Name failure domains and the infrastructure used to ensure high availability	19%
Deployments	- Define the purpose, benefits and activities of continuous integration, continuous delivery and continuous deployment - Explain the benefits and approach of Infrastructure as Code with Schematics - Compare the three zero downtime deployment	9%

Topic	Details	Weights
	models	
Security on IBM Cloud	- Explain how to recognize and respond to security issues - Define user-related security policies - Outline Security Information and Event Management (SIEM) - Classify IBM's security incident response management - Define the role of an SRE in monitoring security issues	8%

IBM C1000-169 Sample Questions:

Question: 1

In the IBM Cloud Code Engine logs, a Site Reliability Engineer sees logs for some applications but not the one they are looking for. The application does follow Site Reliability Engineering best practices. What might cause this?

a) The application is scaled to zero
b) Code Engine is not running
c) Logging for Code Engine is not enabled
d) The application doesn't do logging

Answer: a

Question: 2

A Site Reliability Engineer has been asked to help enhance the security measures of their organization's IBM Cloud infrastructure. They have been tasked with implementing a system that will help to proactively monitor, track, and react to violations.

The system should create an audit history for compliance purposes, and provide reports and APIs for external consumption and integration. What is this scenario describing?

a) IBM Cloud App ID
b) Security Information and Event Management (SIEM)
c) IBM Cloud Log Analysis
d) IBM Cloud Identity and Access Management (IAM)

Answer: b

Question: 3

When looking at IBM Cloud Monitoring as a solution, which is a measure of the number of handled requests?

a) Availability
b) Correctness
c) Durability
d) Throughput

Answer: d

Question: 4

Which of the following describes an IBM Cloud Code Engine Build?

a) Creates container images from the source code
b) Serves HTTP requests and has a URL for incoming requests
c) Runs one or more instances of the executable code
d) Manages resources and provides access to its entities

Answer: c

Question: 5

When a metric is at or above the warning threshold, but below the critical threshold, the metric is in which state?

a) Alert
b) Warning
c) Concern
d) Pre-critical

Answer: c

Question: 6

Which two activities are involved in continuous integration on IBM Cloud?

a) Perform personal builds and tests
b) Scale software development based on project size
c) Ensure updates are available to users
d) Push daily development changes

Answer: a, d

Question: 7

In a microservices architecture, how is distributed tracing different from monitoring on IBM Cloud?

a) Distributed tracing and monitoring are the same
b) Tracing covers lifetime of a request in a single service
c) Tracing covers lifetime of a request across multiple services
d) Monitoring covers lifetime of a request across multiple services

Answer: c

Question: 8

For an IBM Cloud Site Reliability Engineer, what is a direct benefit of blameless postmortem?

a) Encourages the sharing of incidents
b) Improves client satisfaction
c) Reduces the number of bugs discovered during testing
d) Lowers the number of low-priority incidents

Answer: a

Question: 9

Which incident management team role manages the investigation, communication, and resolution of major incidents?

a) Incident Commander
b) First Responder
c) Subject Matter Expert
d) Site Reliability Engineer

Answer: a

Question: 10

Which of these describes proactive application monitoring?

a) Sets the threshold of the application based on other applications in the organization
b) Installs and configures the application monitoring whenever a new application is deployed
c) Runs a policy when the application breaches a certain thresh
d) A service that observes an application response regularly to ensure the services are up and running

Answer: d

Study Guide to Crack IBM Cloud Associate C1000-169 Exam:

- Getting details of the C1000-169 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 C1000-169 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 C1000-169 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 C1000-169 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 C1000-169 practice tests is must. Continuous practice will make you an expert in all syllabus areas.