



IBM S2000-012

IBM Cloud Security Engineer Specialty Certification Questions & Answers

Exam Summary – Syllabus – Questions

S2000-012
[IBM Cloud Security Engineer v1 Specialty](#)
44 Questions Exam – 55% Cut Score – Duration of 75 minutes

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Know Your S2000-012 Certification Well:

The S2000-012 is best suitable for candidates who want to gain knowledge in the IBM Cloud - Cloud Solutions. Before you start your S2000-012 preparation you may struggle to get all the crucial Cloud Security Engineer Specialty materials like S2000-012 syllabus, sample questions, study guide.

But don't worry the S2000-012 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 S2000-012 syllabus?
- How many questions are there in the S2000-012 exam?
- Which Practice test would help me to pass the S2000-012 exam at the first attempt?

Passing the S2000-012 exam makes you IBM Cloud Security Engineer v1 Specialty. Having the Cloud Security Engineer Specialty 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 S2000-012 Cloud Security Engineer Specialty Certification Details:

Exam Name	IBM Cloud Security Engineer v1 Specialty
Exam Code	S2000-012
Exam Price	\$100 (USD)
Duration	75 mins
Number of Questions	44
Passing Score	55%
Books / Training	IBM Cloud Security Engineer Specialty
Schedule Exam	Pearson VUE
Sample Questions	IBM Cloud Security Engineer Specialty Sample Questions
Practice Exam	IBM S2000-012 Certification Practice Exam

S2000-012 Syllabus:

Topic	Details	Weights
Secure Infrastructure and Hybrid Cloud Connections in IBM Cloud	<ul style="list-style-type: none"> - Articulate the security requirements for and implications of connecting to resources and services - Configure VPN settings for a VPC - Identify features and limitations of hardware firewall (Fortigate) in securing Classic resources - Identify and assess the security ramifications of multi-region deployments - Articulate how to connect on premise VMWare environments with IBM Cloud VMWare solutions - Articulate how to connect using Juniper vSRX 	17%
Secure Cloud Compute in IBM Cloud	<ul style="list-style-type: none"> - Secure interconnected services with VSIs in VPC - Articulate how to create secure internal and external connections with Power VSIs - Identify solutions in Code Engine - Implement security controls on Bare Metal in Classic infrastructure 	18%
Secure Kubernetes Services in IBM Cloud	<ul style="list-style-type: none"> - Implement security controls at the Kubernetes layer in IKS - Implement security controls at the infrastructure layer in IKS (VPC) - Implement security controls at the infrastructure layer in IKS (Classic) - Implement security controls at the OpenShift platform layer in Red Hat OpenShift - Implement security controls at the infrastructure layer in RedHat OpenShift (VPC) - Implement security controls at the infrastructure layer in RedHat OpenShift (Classic) - Implement security in Red Hat OpenShift on IBM Cloud Satellite 	18%
Secure VMware Solutions in IBM Cloud	<ul style="list-style-type: none"> - Implement secure connections to and from VMware Solutions Dedicated clusters with other IBM Cloud - Implement secure connections to and from 	11%

Topic	Details	Weights
	VMware Solutions Shared clusters with other IBM Cloud services	
Access Controls and Authorization in IBM Cloud	<ul style="list-style-type: none"> - Implement IAM on IBM Cloud services - Implement authentication with App ID - Manage access to IBM Cloud resources - Report and audit user activity for security insights 	18%
Security and Compliance Monitoring, Logging, and Alerting	<ul style="list-style-type: none"> - Manage alerts relating to Security Threats - Manage alerts relating to Compliance 	18%

IBM S2000-012 Sample Questions:

Question: 1

A nutrition research lab requires IBM Cloud hardware to meet security and compliance requirements. The customer contacted the Security Engineer at IBM to discuss a hardware solution that will help protect against software attacks and protect the integrity of the data stored on the server.

Which enhanced security capabilities of IBM Cloud Bare Metal Servers were recommended by the Security Engineer?

- a) Intel Trusted Execution Technology
- b) Single Root I/O Virtualization
- c) Intel Turbo Boost Technology
- d) AMD Secure Virtualization

Answer: a

Question: 2

The architecture of the IBM Cloud for VMware Regulated Workloads is designed for which two use cases?

- a) Isolation of FedRAMP workloads only
- b) Isolation of sensitive workloads
- c) Integration of highly secure KMIP and DevSecOps regulations
- d) Support compliance for financial services industry security standards only
- e) Support compliance to industry security standards or governmental regulations

Answer: b, e

Question: 3

A Security Engineer is contacted by a developer who needs a virtual server instance (VSI) that is only allowed to send outbound traffic; all ingress traffic should be blocked. The Security Engineer decides to use the IBM Cloud console to create security rules on VSI groups.

Which additional modifications are required on this new security group to meet the stated requirements?

- a) Add a rule to permit all egress traffic
- b) No additional modifications are required
- c) Apply the security group to the Public Gateway
- d) Remove the default rule allowing all ingress traffic

Answer: b**Question: 4**

A client wants to move their existing workloads to IBM Cloud VMware solutions, Bare Metal, Power servers and KVM. What is the value for client using VMware vSphere 7.0 and NSX-T on IBM Cloud?

- a) Client can route traffic between VMware ESX, Bare Metal, PowerVS, and KVM servers using NSX-T
- b) Client can route traffic between VMware ESX, Bare Metal, and KVM servers using NSX-T
- c) Client can create Tier 0/1 gateway allowing traffic to flow between VMware servers
- d) VMware solutions offer comprehensive migration capability for other workloads

Answer: a**Question: 5**

A client wants to create multiple PowerVS instances in two different regions on IBM Cloud and has ordered Direct Link 2.0 providing connections to each region to achieve high availability. What is the secured way for these PowerVS instances to route network communication across regions?

- a) It is not possible for PowerVS in different regions to communicate
- b) Implement an IBM Transit Gateway to route between the PowerVS regions
- c) Configure GRE tunnels on proxies in the IBM Cloud environment
- d) Define public IPs for both instances allowing them to connect to each other over the internet

Answer: c

Question: 6

What type of information is required for an IPsec policy creation on an IBM Cloud VPC?

- a) Encryption algorithm, IBM Cloud service endpoints, and Preshared key
- b) Authentication algorithm, IKE Version, Key Lifetime, and Delegate-VPC
- c) Authorization algorithm, IKE Version, Delegate-VPC, and Preshared key
- d) Authentication algorithm, Encryption algorithm, Diffie-Hellman group, and Key Lifetime

Answer: d

Question: 7

What are two valid status conditions when running a readiness check on the Juniper vSRX on IBM Cloud?

- a) Ready
- b) Blocked
- c) Complete
- d) Unchecked
- e) Network status down

Answer: a, d

Question: 8

What are the two default deployment configuration options of a FortiGate Security Appliance?

- a) Four VLAN
- b) Multi-tenant
- c) Virtual Domain
- d) Four 10 Gbps bonded interfaces
- e) Frontend Customer Router VLAN

Answer: c, e

Question: 9

A national car dealership runs its point-of-sales system on IBM Cloud VPC. The Security Engineer is planning to create an IBM Cloud VPN Gateway between IBM Cloud VPC and on-premises network infrastructure. What type of VPN packets are accepted by IBM Cloud VPN Gateway?

- a) SSL Framing Encapsulation
- b) Extended Address Encapsulation
- c) IP Encapsulating Security Payload
- d) NAT-T Encapsulation

Answer: d

Question: 10

IBM Cloud deploys a VMware vCenter Server instance with a combination of public and private VLANs. What are two components of traffic running on a private VLAN as part of the solution setup?

- a) Public connectivity for TCP
- b) vMotion and NFS storage traffic
- c) Management communications and NSX VTEP
- d) Tunneling for VMware workload deployments
- e) Key encryption flows for secure KMIP exchange

Answer: b, c

Study Guide to Crack IBM Cloud Security Engineer Specialty S2000-012 Exam:

- Getting details of the S2000-012 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 S2000-012 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 S2000-012 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 S2000-012 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 S2000-012 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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