

# Mirantis COA

**Certified OpenStack Administrator**

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# Latest Version: 6.0

## Question: 1

If a new user is added to the OpenStack environment, which module would be responsible for ensuring that the User has the appropriate permissions to access various Cloud resources?

- A. Compute (Nova)
- B. Networking (Neutron)
- C. Identity Service (Keystone)
- D. Orchestration (Heat)

**Answer: C**

## Question: 2

What is the main function of the Ceilometer module in OpenStack?

- A. To manage virtual machines
- B. To provide network services
- C. To gather metrics and logs
- D. To authenticate users

**Answer: C**

## Question: 3

If a company wants to deploy a multi-tier web application on OpenStack, which modules would they likely utilize, and how would each contribute to the deployment?

- A. Only Nova for virtual machines.
- B. Nova for virtual machines, Neutron for networking, and Heat for orchestration.
- C. Keystone for authentication and Neutron for storage.
- D. Heat for orchestration and Keystone for user management only.

**Answer: B**

## Question: 4

If a cloud service provider wants to implement a new feature that tracks resource usage for billing purposes, which OpenStack module should they focus on enhancing, and why?

- A. Neutron, because it manages network services\_
- B. Nova, because it handles virtual machine management
- C. Telemetry, because it provides metrics and logs for resource usage.
- D. Keystone, because it manages user authentication.

**Answer: C**

### Question: 5

What type of data is characterized by a lack of a predefined data model and is typically stored in OpenStack's Object Storage?

- A. Structured data
- B. Unstructured data
- C. Semi-structured data
- D. Metadata

**Answer: B**

### Question: 6

What is the primary function of Ceilometer in the OpenStack cloud computing platform?

- A. To manage virtual machines
- B. To provide network services
- C. To collect and analyze performance data
- D. To authenticate users

**Answer: C**

### Question: 7

What module in OpenStack is responsible for managing virtual machines?

- A. Neutron
- B. Cinder
- C. Nova
- D. Glance

**Answer: C**

### Question: 8

What is the primary function of the Networking module (Neutron) in penStack?

- A. To manage virtual machines
- B. To provide networking-as-a-service
- C. To handle user authentication
- D. To facilitate storage management

**Answer: B**

### Question: 9

Which of the following best describes the primary function of Keystone within the OpenStack architecture?

- A. It provides a web interface for managing cloud resources.
- B. It serves as the central service for identity management and access control.
- C. It automates the deployment of applications using orchestration templates.
- D. It manages virtual machine images for deployment

**Answer: B**

### Question: 10

\_\_\_\_\_ is the management software module that controls VMs within the IaaS cloud computing platform.

- A. Glance
- B. Nova
- C. Swift
- D. Object

**Answer: B**

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