

Quiz - Virtualization Basics and Cloud Computing

1. Where does the hypervisor sit in a virtual architecture?

1 / 1 pt

- ☐ Between the operating system and the applications.
- ☐ Between the applications and the user.
- ☐ Remotely to coordinate tasks between different physical computers.
- ☒ Between the hardware and the operating system(s).

✓ Correct

Correct! Between the hardware and the various operating systems.

2. Which are the first two steps to perform in a cloud deployment?

1 / 1 pt

- ☐ Automate and Manage
- ☐ Integrate and Optimize
- ☒ Consolidate and Virtualize

✓ Correct

Correct! First take control of your existing environment.

3. Which are the three (3) most common forms of Cloud computing?

1 / 1 point

☒ Private Cloud

✓ **Correct**

Partially correct. This is one of the 3.

☒ Public Cloud

✓ **Correct**

Partially correct. This is one of the 3.

☒ Hybrid Cloud

✓ **Correct**

Partially correct. This is one of the 3.

☐ Universal Cloud

4. Which type of cloud is the best choice for a start-up company with no existing IT infrastructure and limited funds?

1 / 1 point

☒ Public Cloud

☐ Private Cloud

☐ Hybrid Cloud

☐ All of the above.

✓ **Correct**

Correct! No major investments to make up front and easy to expand as the business grows.

5. Which three (3) are the primary benefits of cloud computing?

1 / 1 point

☒ Efficiency

✓ **Correct**

Partially correct! Only pay for what you use.

☒ Strategic Value

✓ **Correct**

Partially correct! Easier to realign cloud resources with changing business needs than a large sunk investment in hardware.

☐ Security

☒ Flexibility

✓ **Correct**

Partially correct! The cloud can expand or contract as your needs change.

6. Which is a primary security consideration in a cloud environment?

1 / 1 point

☐ Disaster Recovery and Business Continuity Plan

☐ Governance Plan

☐ Compliance

☒ All of the above.

✓ **Correct**

Correct! All of these are critical to your success in the cloud.