You have been working with a client to secure a business deal involving one of their infrastructure platforms; subsequently, they have decided to implement IaaS for the wide range of services it provides.

Who will be the typical user for IaaS?

System administrator

The user/persona for IaaS is the system administrator.

What represents a use case for SaaS?

Leveraging it to avoid the need for ongoing upgrades, maintenance, and patching.

Leveraging SaaS to avoid the need for ongoing software upgrades, maintenance, and patching is considered a use case for SaaS.

It may be owned, managed, and operated by the organization, a third party or some combination of those functions and may exist on or off premises identifies characteristics of which cloud deployment model?

Private cloud

Two characteristics of a private cloud deployment model are it may be owned, managed, and operated by the organization, a third party or some combination of those functions and it may exist on or off premises.

Interoperability, scalability, and portability are key tenets of which cloud deployment model?

Hybrid

The key tenets of a hybrid cloud are interoperability, scalability, and portability.

In which service model does the cloud service provider take responsibility for the installation, configuration, and operation of the application infrastructure?

PaaS

In a PaaS service model, the cloud service provider takes responsibility for the installation, configuration, and operation of the application infrastructure.

A virtualized, multi-tenant architecture enabling tenants or users to share computing resources residing outside their firewalls best describes a characteristic for which cloud type?

Public cloud

A public cloud is a virtualized, multi-tenant architecture enabling tenants or users to share computing resources residing outside their firewalls.

What would be another use case for a public cloud?

Increasingly opting to access cloud-based applications and platforms so an organization’s teams can focus on building and testing applications and platforms, thus reducing time-to-market for their products and services.

What would be a use case for the private cloud?

Providing an opportunity to modernize and unify an organization’s in-house and legacy applications

What is a benefit of the hybrid cloud deployment model?

It offers resource optimization

One of the benefits to the hybrid cloud is it offers resource optimization − not being locked in with a specific vendor.

What would be a use case for the public cloud?

Using it for computing resources to build secondary infrastructures for disaster recovery, data protection, and business continuity