

# Section Quiz

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Score: 85%

Passing Score: 80%



## ▼ Question 1: ✓ Correct

Which of the following account types is a cloud-based identity and access management service that provides access to both internal and external resources?

- ☐ Administrator
- ☐ Domain
- ☒ Azure AD
- ☐ Microsoft

### EXPLANATION

Azure Active Directory (Azure AD) is a cloud-based identity and access management service provided by Microsoft. It is similar to on-premises Active Directory except that Azure AD runs in Microsoft's Azure cloud.

Administrator is a local user account that has complete control of a system.

Domain accounts are created and stored in Active Directory on a domain controller server. This provides central management of users and groups.

Microsoft accounts use a single sign-on system. This means that you can sign into different systems while maintaining the same user settings and password. A Microsoft account is a cloud-based Active Directory account type.

### REFERENCES

 6.4.2 Windows Operating System Roles Facts

q\_win\_osroles\_azure\_secp7.question.fex

**▼ Question 2:** ✓ Correct

You are consulting a small startup company that needs to know which kind of Windows computer network model they should implement.

The company intends to start small with only 12 employees, but they plan to double or triple in size within 12 months. The company founders want to make sure they are prepared for growth.

Which networking model should they implement?

- ☐ Wireless
- ☐ Public
- ☐ Workgroup
- ☐ Standalone
- ☐ Wired

➡ ☒ Client-server

**EXPLANATION**

This startup company should invest in a client-server network if they want to be prepared to double or triple in size within 12 months. A client-server network that uses Active Directory as a centralized database to manage network resources is the most scalable networking model.

The workgroup (peer-to-peer) networking model would be less expensive and easier to set up for a dozen employees, but it would become too difficult to manage when the company increases in size.

The standalone networking model would not connect the company's computers to each other. Employees would not be able to share any resources, such as printers or data storage.

Wired and wireless networks are not networking models. These network configurations provide connectivity between computers and can be used for any of the networking models.

A public network, such as the internet, would be the only way computers using the standalone networking model could communicate with each other.

**REFERENCES**

6.4.2 Windows Operating System Roles Facts

q\_win\_osroles\_client\_secp7.question.fex

## ▼ Question 3:



Incorrect

Which of the following account types uses a single sign-on system that lets you access Windows, Office 365, Xbox Live, and more?

- ➡ ☐ Microsoft
- ☐ Domain
- ☒ Azure AD
- ☐ Administrator

## EXPLANATION

Microsoft accounts use a single sign-on system. This means that you can sign into different systems while maintaining the same user settings and password. You can even access your favorite websites. Microsoft accounts also provide synchronized access to other Microsoft services, such as Office 365, Outlook, Skype, OneDrive, Xbox Live, Bing, and Microsoft Store.

Administrator is a local user account that has complete control of a system.

Domain accounts are created and stored in Active Directory on a domain controller server. This provides central management of users and groups.

Azure Active Directory (Azure AD) is a cloud-based identity and access management service provided by Microsoft. It is similar to on-premises Active Directory except that Azure AD runs in Microsoft's Azure cloud.

## REFERENCES



6.4.2 Windows Operating System Roles Facts

q\_win\_osroles\_ms\_acct\_secp7.question.fex

**▼ Question 4:**      ✓ Correct

Mary, a user, is attempting to access her OneDrive from within Windows and is unable to. Which of the following would be the MOST likely cause?

- ☐ Mary needs to connect to Azure AD.
- ☐ Mary has a local administrator account.
- ➡ ☒ **Mary needs to log in with a Microsoft account.**
- ☐ Mary has a local standard user account.


**EXPLANATION**

Microsoft accounts use a single sign-on system. This means that you can sign into different systems while maintaining the same user settings and password. You can even access your favorites websites. Microsoft accounts also provide synchronized access to other Microsoft services, such as Office 365, Outlook, Skype, OneDrive, Xbox Live, Bing, and Microsoft Store.

A local user account can be created and used to sign in and access a Windows 10 computer instead of using a Microsoft account. When a local account is used, some features offered to Microsoft accounts are not available. These include Microsoft's OneDrive and synced settings.

Azure Active Directory (Azure AD) is a cloud-based identity and access management service provided by Microsoft. It is similar to on-premises Active Directory except that Azure AD runs in Microsoft's Azure cloud.

**REFERENCES**

 6.4.2 Windows Operating System Roles Facts

q\_win\_osroles\_onedrive\_secp7.question.fex

**▼ Question 5:**      **✓ Correct**

Which networking model is based on peer-to-peer networking?

- ➡ ☒ **Workgroup**
- ☐ Standalone
- ☐ None
- ☐ Client-server

**EXPLANATION**

A workgroup model is based on peer-to-peer networking. In the workgroup model:

- No hosts in a workgroup have a specific role.
  - All hosts can function as both workstation and server.
  - All hosts in a workgroup can provide network services or consume network services.
- Hosts are linked together by some type of local network connection.
- Hosts in the same workgroup can access shared resources on other hosts.
- No specialized software is required.

In a standalone model, each Windows system functions independently of other systems.

In the client-server model, each host has a specific role in the network. Servers provide services such as file storage, user management, security configuration, and printing. Clients request services from servers.

**REFERENCES**



6.4.2 Windows Operating System Roles Facts

q\_win\_osroles\_peer\_secp7.question.fex

**▼ Question 6:**      **✓ Correct**

You are a contract support specialist managing the computers in a small office. You see that all the computers are only using local user accounts.

Which of the following models could this office be using? (Select two.)

- ☐ Azure AD
- ☐ Client-server
- ☐ Active Directory
-  ☒ Standalone
-  ☒ Workgroup
- ☐ Domain


**EXPLANATION**

The standalone and workgroup models can only use local user accounts for storing usernames and passwords.

Active Directory is used to create client-server networks where domains are used to organize network resources. On these networks, user account information is stored in a centralized database on a network server.

Azure AD is similar to Active Directory, but the domain is hosted on Microsoft servers in the cloud. This is where user account information would also be stored.


**REFERENCES**

 6.4.2 Windows Operating System Roles Facts

q\_win\_osroles\_standalone\_secp7.question.fex

**▼ Question 7:**      **✓ Correct**

John, a user, is attempting to install an application but receives an error that he has insufficient privileges. Which of the following is the MOST likely cause?

- ☐ John needs to log in with a Microsoft account.
- ☐ The application is not a valid Windows application.
-  ☒ John has a local standard user account.
- ☐ John has a local administrator account.

**EXPLANATION**

If John is receiving an error that he has insufficient privileges to install an application, the most likely cause is that he has a local standard user account. Standard users have limited permissions. For example, standard users:

- Can use applications (but they cannot install them)
- Can change some settings that apply only to them
- Cannot run applications in an elevated state

John is not a local administrator, as he would not receive an error message in that case.

The application is a valid Windows application, otherwise the installation would not be able to start.

Logging in with a Microsoft account would not give John the privileges to install an application.

**REFERENCES**

6.4.2 Windows Operating System Roles Facts

q\_win\_osroles\_user\_secp7.question.fex

**▼ Question 8:** ✓ Correct

Which of the following are networking models that can be used with the Windows operating system? (Select two.)

- ☐ Organizational unit
- ☐ Domain controller
- ☐ Active Directory

➡ ☒ Workgroup

➡ ☒ Client-server

**EXPLANATION**

The following networking models can be used with the Windows operating system:


- Workgroup - computers that are physically connected to a wired or wireless network can be set up as a simple peer-to-peer network, which Microsoft refers to as a workgroup. Computers that are part of a workgroup are both workstations and servers. A workgroup is easy to set up, but it can become very difficult to manage if the number of computers exceeds 10 to 15.
- Client-server - in a client-server network, which Microsoft refers to as a domain, computers are joined to a network domain that uses an Active Directory database to contain user accounts and network security policies.

Organizational units are logical containers in Active Directory that are used to hold and organize network resources.

A domain controller is a server that holds a copy of the Active Directory database.

Active Directory is a centralized database that contains user account and security information.

**REFERENCES**

 6.4.2 Windows Operating System Roles Facts

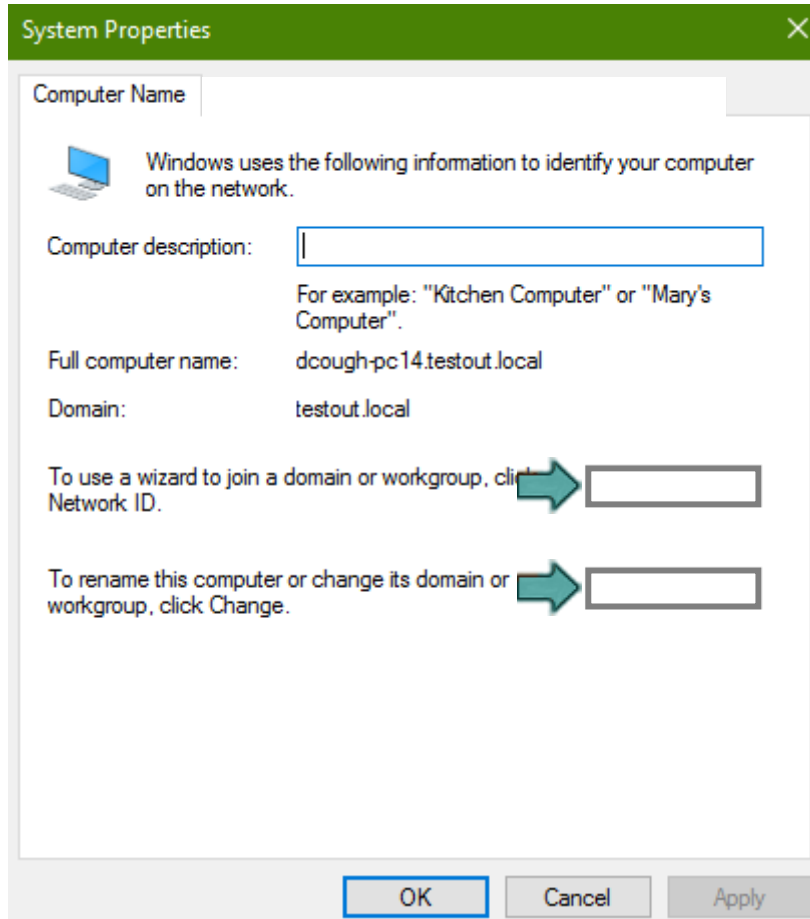
q\_win\_osroles\_win\_os\_secp7.question.fex



**▼ Question 9:** ✓ Correct


You are configuring a small workgroup. You open System Properties on each computer that will be part of the workgroup.

Click the System Properties options you can use to configure each computer's workgroup association. (Select two. Each option is part of a complete solution.)

**EXPLANATION**

In System Properties on each computer, you can click Change to manually configure the workgroup of each computer or network ID to use a wizard to join the computers together.

**REFERENCES**

 6.4.2 Windows Operating System Roles Facts

q\_win\_osroles\_workgroup\_secp7.question.fex

## ▼ Question 10:

— Partially Correct

You manage a group of 20 Windows workstations that are currently configured as a workgroup. You have been thinking about switching to an Active Directory configuration.

Which advantages would there be to switching to Active Directory? (Select two.)

- ➡ ☒ Centralized configuration control
- ☒ Increased local control of workstation settings
- ☐ Decreased implementation cost
- ➡ ☐ Centralized authentication
- ☐ Reduced need for specialized hardware

## EXPLANATION

Installing an Active Directory database provides several advantages, including:

- Improved scalability
- Centralized configuration control
- Reduced data backup complexity
- Centralized authentication
- Centrally applied security settings

Active Directory also includes some drawbacks, for example:

- Increased cost
- Specialized hardware and software needs
- Increased planning time for implementation

## REFERENCES

-  6.4.8 Windows User Management Facts

q\_winmgt\_directory\_secp7.question.fex