✓ 200 XP ▶

Knowledge check

3 minutes

Your company has decided to implement Azure role-based access control (RBAC) to secure their resources and manage user access. You're reviewing the scenarios to support, and have a list of issues to address:

- Not all users have access to the same resources. A new employee should have only limited resource access.

- Most administrators require full access to all corporate resources. A few admins need limited access to specific resources so they can read the settings, but not make changes.

- How are scopes and permissions applied for Azure resources, including the custom role definition?

- Your manager has asked if there are differences between Azure roles and Azure Active Directory (Azure AD) roles.

Answer the following questions

Choose the best response for each of the questions below. Then select **Check your answers**.

1. You have three virtual machines (VM1, VM2, VM3) in a resource group. A new admin is hired, and they need to be able to modify settings on VM3. They shouldn't be able to make changes to VM1 or VM2. How can you implement RBAC to minimize administrative overhead? *

   ◯   Assign the admin to the Contributor role on the resource group.

   ◯   Assign the admin to the Contributor role on VM3.

   ✔ **Correct. When you assign the Contributor role to the specific resource, the admin can change the settings on that resource; in this case, VM3.**

   ◯   Move VM3 to a new resource group, and then assign the admin to the Owner role on VM3.

2. Explain the main differences between Azure roles and Azure Active Directory (Azure AD) roles. *

○   Azure roles apply to Azure resources. Azure AD roles apply to Azure AD resources such as users, groups, and domains.

✔ **Correct. Azure roles are used to manage access to VMs, storage, and other Azure resources. Azure AD roles are used to manage access to Azure AD resources like user accounts and passwords.**

○   Azure roles can be assigned at the root level.

○   Azure AD roles are used to manage access to Azure resources.

3. What's included in a custom Azure role definition? *

○   Assignment of a custom role

○   Actions and DataActions operations scoped to the tenant level

○   Operations allowed for Azure resources, and scope of permissions

✔ **correct. A custom role definition includes the allowed operations, such as read, write, and delete for Azure resources. The custom role definition also includes the scope of these permissions.**

Next unit: Summary and resources

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