Azure DevOps-1

✘

Points:
0/1

Each time you run a pipeline, you get a fresh virtual machine for each job in the pipeline.

- ○ Microsoft-hosted agents ✓
- ◉ **Self-hosted agents ✗**

✓

Points:
1/1

-------------------agents give you more control to install dependent software needed for your builds and deployments. Also, machine-level caches and configuration persist from run to run, which can boost speed.

- ◉ **Self-hosted agents ✓**
- ○ Microsoft-hosted agents
- ○ Public Microsoft-hosted agents
- ○ Private Microsoft-hosted agents

✓

Points:
1/1

An agent that you set up and manage on your own to run jobs is a **self-hosted agent**.

- ◉ **Yes ✓**
- ○ No

✓

Points:
1/1

To build your code or deploy your software using Azure Pipelines, you need at least one agent

- ◉ **Yes ✓**
- ○ No

✘

Points:
0/1

Select all correct agent type?

- ☐ Public
- ☐ Provate
- ☐ Microsoft-hosted agents ✓
- ☑ **Self Hosted ✓**

✓

Points:
1/1

You have a branch policy in a project in Azure DevOps. The policy requires that code always builds successfully.
You need to ensure that a specific user can always merge changes to the master branch, even if the code fails to compile. The solution must use the principle of least privilege.
What should you do?

- ○ A. Add the user to the Build Administrators group.
- ○ B. Add the user to the Project Administrators group.
- ○ C. From the Security settings of the repository, modify the access control for the user.
- ◉ **D. From the Security settings of the branch, modify the access control for the user. ✓**

✓

Points:
1/1

Your company has a project in Azure DevOps for a new web application.
The company identifies security as one of the highest priorities.
You need to recommend a solution to minimize the likelihood that infrastructure credentials will be leaked.
What should you recommend?

- ○ A. Add a Run Inline Azure PowerShell task to the pipeline.
- ◉ **B. Add a PowerShell task to the pipeline and run Set-AzureKeyVaultSecret. ✓**
- ○ C. Add an Azure Key Vault task to the pipeline.
- ○ D. Add Azure Key Vault references to Azure Resource Manger templates.

✓

Points:
1/1

You have an Azure DevOps organization named Contoso.
You need to recommend an authentication mechanism that meets the following requirements:
☞ Supports authentication from Git
☞ Minimizes the need to provide credentials during authentication
What should you recommend?

- ⦿ **personal access tokens (PATs) in Azure DevOps** ✓
- ○ Alternate credentials in Azure DevOps
- ○ user accounts in Azure Active Directory (Azure AD)
- ○ managed identities in Azure Active Directory (Azure AD)

✓

Points:
1/1

You can install the agent on Linux, macOS, or Windows machines. You can also install an agent on a Docker container.

- ⦿ **Yes** ✓
- ○ No

✓

Points:
1/1

Parallel jobs represents the number of jobs you can run at the same time in your organization.

- ⦿ **Yes** ✓
- ○ No