 **Explanation**:

* azure/login@v1: Logs into Azure using credentials stored in **GitHub Secrets**.
* azure/CLI@v1: Uses the Azure CLI to deploy the ARM template.

 **Set Up Azure Credentials** in GitHub:

* Go to your GitHub repository settings.
* Under **Secrets** > **Actions**, add a secret called AZURE\_CREDENTIALS.
* You can generate the credentials for this secret by following the steps below:

**Generate Azure Service Principal Credentials**: Run this command in Azure CLI to create a Service Principal and output the necessary credentials:

bash

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az ad sp create-for-rbac --name "github-action-sp" --role contributor \

--scopes /subscriptions/<SubscriptionID> --sdk-auth

Copy the JSON output (something like this):

json

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{

"clientId": "<YourClientID>",

"clientSecret": "<YourClientSecret>",

"subscriptionId": "<YourSubscriptionID>",

"tenantId": "<YourTenantID>",

"activeDirectoryEndpointUrl": "https://login.microsoftonline.com",

"resourceManagerEndpointUrl": "https://management.azure.com/",

"activeDirectoryGraphResourceId": "https://graph.windows.net/",

"sqlManagementEndpointUrl": "https://management.core.windows.net:8443/",

"galleryEndpointUrl": "https://gallery.azure.com/",

"managementEndpointUrl": "https://management.core.windows.net/"

}