**🎯 Steps to Manage EC2 Instances Using Azure Console**

**Step 1: Set Up Azure Arc for AWS**

1. **Ensure You Have Azure Subscription**
   * If you don't already have an Azure subscription, [create one](https://azure.microsoft.com/en-us/free/).
2. **Create an Azure Arc Resource Group**
   * Navigate to the **Azure portal**.
   * Go to **Resource Groups** and create a new resource group to manage your **EC2 instances**.
3. **Prepare AWS EC2 Instances**
   * **Log in to AWS Console** and ensure the EC2 instances you want to manage are running.
   * Ensure **AWS EC2 instances** have the necessary IAM role and permissions to allow **communication** with Azure.

**Step 2: Register AWS EC2 Instances with Azure Arc**

1. **Install Azure Arc Agent on EC2 Instances**  
   Azure Arc requires you to install an agent on your EC2 instances. This agent establishes a connection between **Azure** and your **AWS EC2** instances.

You can follow these steps to register the EC2 instances:

* + From the **Azure portal**, search for **Azure Arc**.
  + Choose **Arc-enabled Servers** and click **+ Add**.
  + Select **Add AWS EC2 Instances** as your target.

1. **Authenticate with AWS**  
   You will be prompted to authenticate your AWS environment:
   * Provide **AWS access keys** (you can generate these in the AWS IAM section of your AWS console).
   * Authorize Azure to access your EC2 instances.
2. **Install the Azure Arc Agent**  
   Once you've authenticated, you'll be prompted to install the **Azure Arc agent** on your EC2 instances.  
   The process involves running the following command on each EC2 instance to connect it to Azure: