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ALTERYX SERVER ON AZURE

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Overview

This guide provides steps to deploy an Alteryx Server Amazon Machine Image (AMI) on Microsoft Azure virtual server.

There are two Alteryx Server AMI options available from Microsoft Azure:

- **Alteryx Server (Pre-Licensed)** – this option is for new Alteryx Server customers who want to purchase Alteryx Server and deploy in the Azure cloud.
- **Alteryx Server (Bring your own license)** – this option is for current, licensed Alteryx Server customers who want to deploy Alteryx Server in the Azure cloud, as well as trial users who want to try using Alteryx Server without the need for a traditional physical server.

Requirements

Before deploying Alteryx Server on Azure:

- You need an **Microsoft account**. If you do not have an account, create one at https://azure.microsoft.com/en-us/free/.
- If you are deploying the **Bring your own license AMI**, you need your registration key. If you do not have a registration key and would like to try Alteryx Server, obtain an Alteryx Server trial license by filling out a request at https://www.alteryx.com/contact-us.

Important: Before continuing, ensure you have the appropriate authorization to place your company's data on a cloud-based server. Cloud-based storage, while generally safe, does involve risk. Alteryx also recommends that you contact your IT Administrator for help with configuration or connectivity issues.

Deploy Alteryx Server on Azure

1. Go to the Azure Marketplace and sign in to your work or Microsoft account: https://azuremarketplace.microsoft.com/.
2. In the **Search Marketplace** field, type **Alteryx** and press **Enter**.
3. From the list of results, select either the **Alteryx Server (Pre-Licensed)** or **Alteryx Server (Bring your own license)** option.
4. Review the **Overview and Plans + Pricing** information and click **Get it Now**.
5. Review the selection and terms, then click **Continue**.
6. Click **Create**.
7. In the **Basics** tab:
   - Type a **Name** for the VM.
   - Select a **VM disk type**. **Alteryx recommends the SSD option for better performance. However, additional changes from Azure may apply.**
   - Type an administrative **User name** and **Password**.
   - Select a **Subscription** term.
   - Select a **Resource** group:
     - Select **Create new** to allow Azure to automatically create a new resource group for this VM.
     - Select **Use existing** if you already have a resource group you would like to use.
     - Select a **Location**.

8. Click **OK**.
9. In the Size tab, choose a virtual machine size that meets your needs and click **Select**.
10. In the Settings tab:
    - Select whether to you **Use managed disks** (if this option is available for your account).
    - Select a **Storage account** for your drives.
    - Select a **Virtual network** and **Subnet**.
    - Select whether to create a new **Public IP address**, or use an existing (unattached) one.
    - Create a new **Network security group** (or select an existing one), and define the following inbound rules:

Connection Type	Port	Description
HTTP	TCP/80	Provides access to Alteryx Server from a browser to access the Gallery.
Custom	TCP/81	Provides access to Alteryx Server for scheduling workflows.
RDP	TCP/3389	(Optional) Provides access to Alteryx Server for opening an interactive session on the VM for remote desktop management.

    - No additional extensions are required to run Alteryx Server.
    - Select your preferred High availability options.
    - Select your preferred Monitoring options.
11. Click **OK** to validate your settings.
12. When you see "Validation passed", click **OK** to proceed to the Purchase page.
13. Review the offer details and terms of use, then click **Purchase** to create your VM.
14. On the left side menu, click **Virtual machines**.
15. Select your VM name,
16. Wait for the Status to indicate "Running" and then note the **Public IP address**.

Log in to the Gallery

1. In a browser, type the **Public IP** address of the VM in the address box and press **Enter**.
2. Complete the Register System form based on the VM option you selected:
    - Pre-Licensed AMI: Type your **Email Address**.
    - Bring your own license AMI: Type your **Email Address** and **Registration Key**. *For trial users, use the email address you used to register for the trial. For existing Alteryx Server users, use an email address not currently associated with your registration key. An email address can only be used once per key. Your server registration key must have an available seat.*
3. Copy the **Controller Token**. Use the token to schedule workflows to a controller. Alteryx recommends that you schedule workflows to run in your Gallery. If you schedule a workflow to run on a controller, use the **Public IP** (or the **Public DNS** if connected

over VPN) of the AMI instance followed by "**.81**" (port 81) for the **Machine Name**. *For information on scheduling workflows, see Alteryx Designer Help - Schedule Workflows.*

4. Click Submit.
5. On the Alteryx Analytics Gallery page, click **Sign In**.
6. *Fill out the Sign Up form and click* **Sign Up***. Your email address has Curator account privileges.*

Administer the Gallery

For Gallery administration instructions, see Alteryx Server Help for Administrators – Administer Gallery.

Since the Alteryx Server instance is already installed and pre-configured, you do not need to step through the server installation or configuration topics.