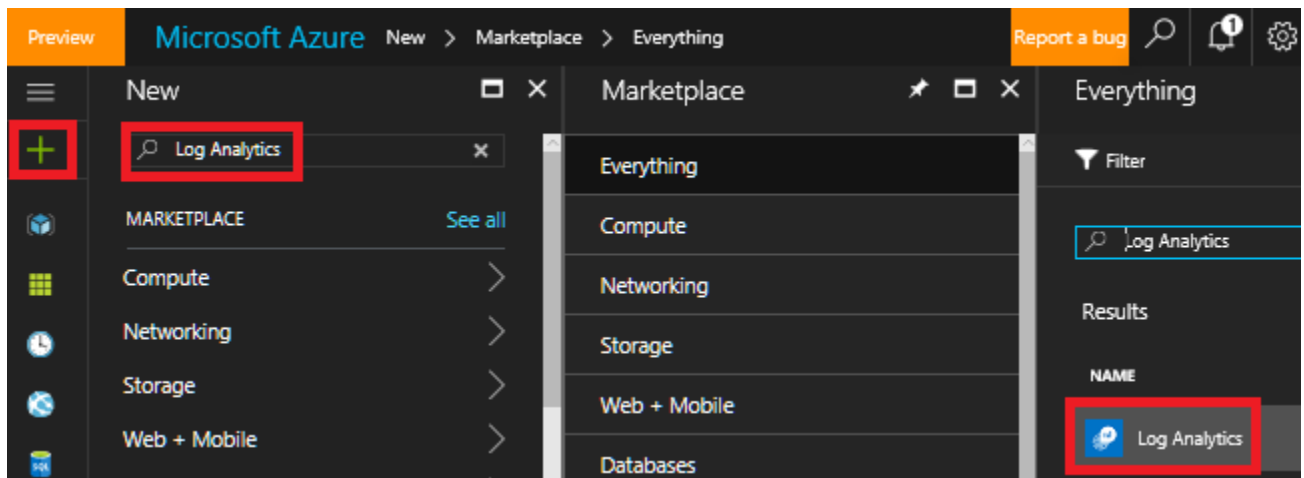# AZURE IAAS MONITORING WITH OMS

CREATE AN OMS WORKSPACE

The next step is to create a workspace.

1. In the Azure portal, search the list of services in the Marketplace for *Log Analytics*, and then select **Log Analytics**.

2. Click **Create**, then select choices for the following items:

   - **OMS Workspace** - Type a name for your workspace.

   - **Subscription** - If you have multiple subscriptions, choose the one you want to associate with the new workspace.

   - **Resource group**

   - **Location**

   - **Pricing tier**

3. Click **OK** to see a list of your workspaces.

4. Select a workspace to see it's details in the Azure portal.

ADD SOLUTIONS AND SOLUTION OFFERINGS

Next, add management solutions and solution offerings. Management solutions are a collection of logic, visualization, and data acquisition rules that provide metrics pivoted around a particular problem area. A solution offering is a bundle of management solutions.

Adding solutions to your workspace allows Log Analytics to collect various kinds of data from computers that are connected to your workspace using agents. We cover onboarding agents later.

To add solutions and solution offerings

1. In Azure portal, click **New** and then in the **Search the marketplace** box, type **Activity Log Analytics** and then press ENTER.

2. In the Everything blade, select **Activity Log Analytics** and then click **Create**.
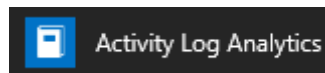
3. In the *management solution name* blade, select a workspace that you want to associate with the management solution.

4. Click **Create**.
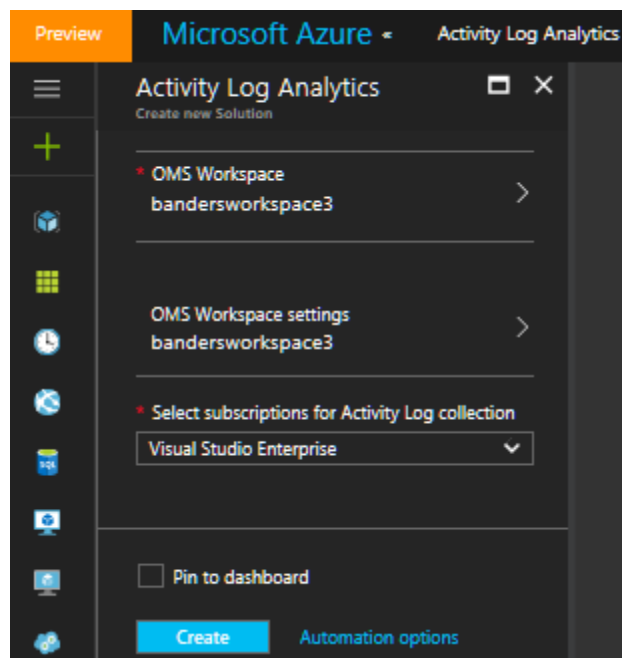
CREATE VIRTUAL MACHINE

1. Click the **New** button found on the upper left-hand corner of the Azure portal.

2. Select **Compute**, select **Windows Server 2016 Datacenter**, and ensure that **Resource Manager** is the selected deployment model. Click the **Create** button.

3. Enter the virtual machine information. The user name and password entered here is used to log in to the virtual machine. When complete, click **OK**.

4. Select a size for the VM. To see more sizes, select **View all** or change the **Supported disk type** filter.

Choose a size
Browse the available sizes and their features

Prices presented are estimates in your local currency that include only Azure infrastructure costs and any discounts for the subscription and location. The prices don't include any applicable software costs. Recommended sizes are determined by the publisher of the selected image based on hardware and software requirements.

Supported disk type: SSD
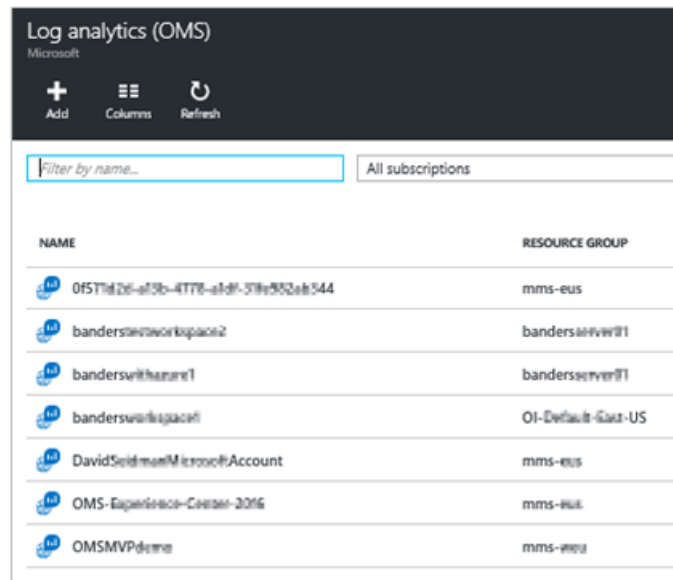
Minimum memory (GiB): 0

Minimum cores: 1

★ Recommended | View all

DS1_V2 Standard ★	DS2_V2 Standard ★	DS11_V2 Standard ★
1 Core	2 Cores	2 Cores
3.5 GB	7 GB	14 GB
2 Data disks	4 Data disks	4 Data disks
3200 Max IOPS	6400 Max IOPS	6400 Max IOPS
7 GB Local SSD	14 GB Local SSD	28 GB Local SSD
Load balancing	Load balancing	Load balancing
Premium disk support	Premium disk support	Premium disk support
96.72 USD/MONTH (ESTIMATED)	193.44 USD/MONTH (ESTIMATED)	223.20 USD/MONTH (ESTIMATED)

5. On the settings blade, select **Yes** under **Use managed disks**, keep the defaults for the rest of the settings, and click **OK**.

6. On the summary page, click **Ok** to start the virtual machine deployment.

7. The VM will be pinned to the Azure portal dashboard. Once the deployment has completed, the VM summary blade automatically opens.
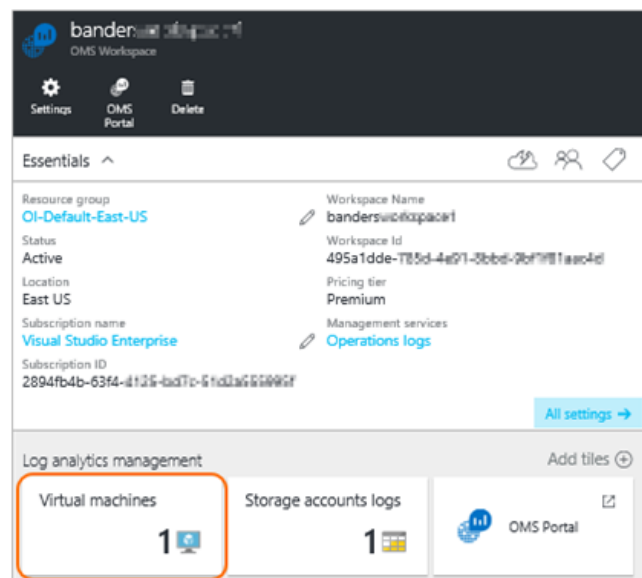
CONNECT VM WITH OMS

1. Sign into the Azure portal.

2. Select **Browse** on the left side of the portal, and then go to **Log Analytics (OMS)** and select it.

3. In your list of Log Analytics workspaces, select the one that you want to use with the Azure VM.

4. Under **Log analytics management**, select **Virtual machines**.

5. In the list of **Virtual machines**, select the virtual machine on which you want to install the agent. The **OMS connection status** for the VM indicates that it is **Not connected**.

6. In the details for your virtual machine, select **Connect**. The agent is automatically installed and configured for your Log Analytics workspace. This process takes a few minutes, during which time the OMS Connection status is *Connecting...*
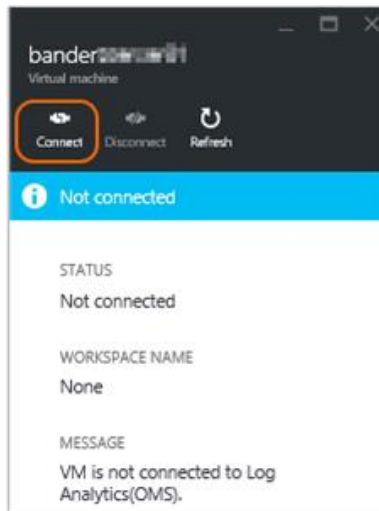
7. After you install and connect the agent, the **OMS connection** status will be updated to show **This workspace**.