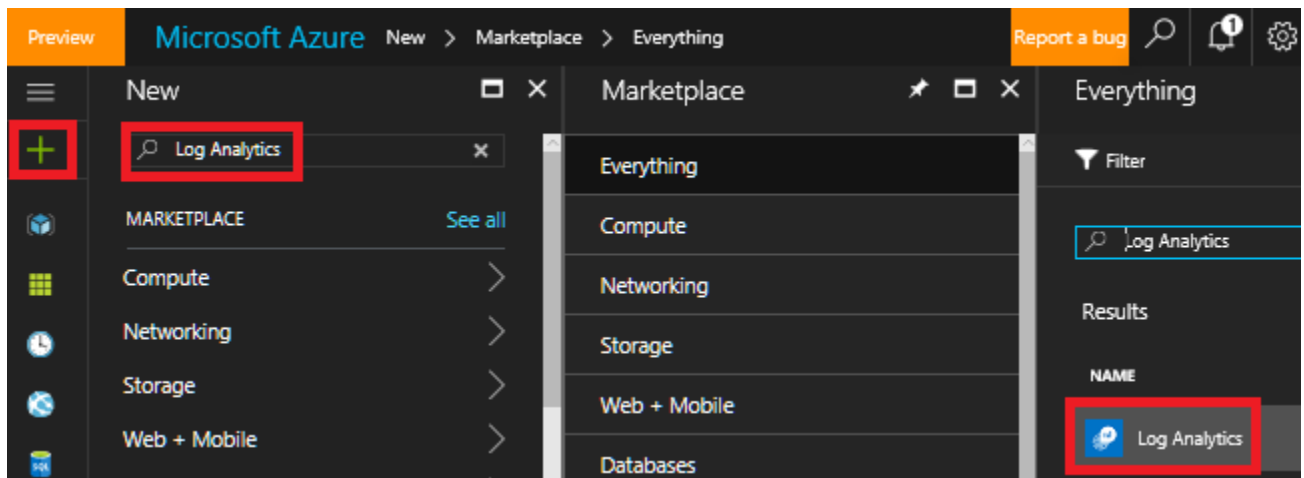


AZURE IAAS MONITORING WITH OMS

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**

OMS Workspace
Create new or link existing one created in...

* OMS Workspace ⓘ
bandersworkspace3 ✓
[Or link existing](#) .portal.mms.microsoft.com

* Subscription
Visual Studio Enterprise ▼

* Resource group ⓘ
☐ Create new ☒ Use existing
bandersserver1

* Location
East US ▼

* Pricing tier
Free >

☐ Pin to dashboard

OK

3. Click **OK** to see a list of your workspaces.
4. Select a workspace to see its details in the Azure portal.

bandersworkspace3
Log Analytics

Search (Ctrl+/)

- OMS Workspace
- Activity log
- Access control (IAM)
- Tags

SETTINGS

- Locks
- Automation script

GENERAL

- Quick Start
- Saved searches
- Log Search
- Solutions
- Pricing tier
- Log Analytics usage
- Properties

OMS Portal **Delete**

Essentials ^

Resource group: **bandersserver1**
Status: **Active**
Location: **East US**
Subscription name: **Visual Studio Enterprise**
Subscription ID: **2894fb4b-4011-4420-8d74-f1a3e0000057**

Workspace Name: **bandersworkspace3**
Workspace ID: **67690e3b-8a11-470a-b80a-710201020102**
Pricing tier: **Free**
Management services: **Operations logs**

Management

- Overview
- Log Search**
- OMS Portal

Pricing tier

Free
BANDERSWORKSPACE3

500 MB daily limit
Data retention 7 days

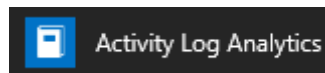
ADD SOLUTIONS AND SOLUTION OFFERINGS

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.

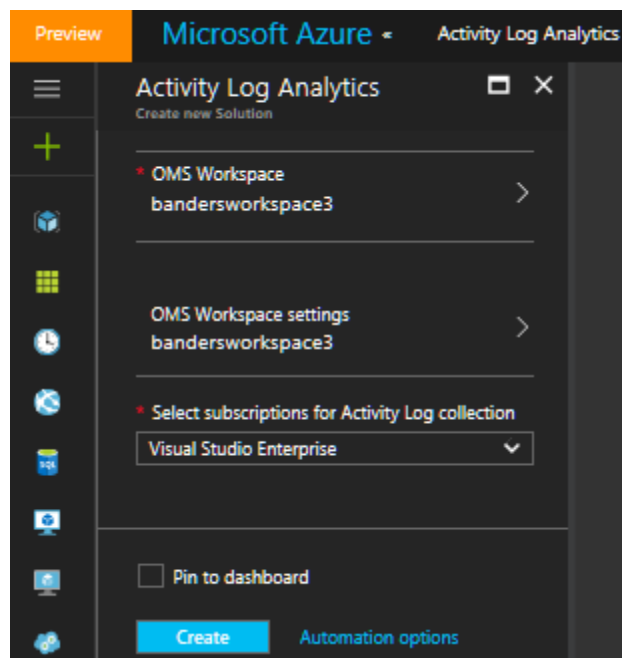
Adding solutions to your workspace allows Log Analytics to collect various kinds of data from computers that are connected to your workspace using agents. We cover onboarding agents later.

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**.

The screenshot shows the 'Create virtual machine' wizard in the Microsoft Azure portal. The browser address bar shows 'https://portal.azure.com/#create?'. The page title is 'Basics - Microsoft Azure'. The left sidebar shows the 'Create virtual machine' steps: 1 Basics (selected), 2 Size, 3 Settings, and 4 Summary. The main content area is titled 'Basics' and contains the following fields:

- Name:** myVM (with a green checkmark)
- VM disk type:** SSD (dropdown menu)
- User name:** azureuser (with a green checkmark)
- Password:** (masked with dots, with a green checkmark)
- Confirm password:** (masked with dots, with a green checkmark)
- Subscription:** Windows Azure MSDN - Visual Studio Ulti (dropdown menu)
- Resource group:** Create new (selected) / Use existing (radio buttons). Below, myResourceGroup (with a green checkmark).
- Location:** West US (dropdown menu)

An 'OK' button is located at the bottom of the form. A large blue rectangular area is visible on the right side of the screen.

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

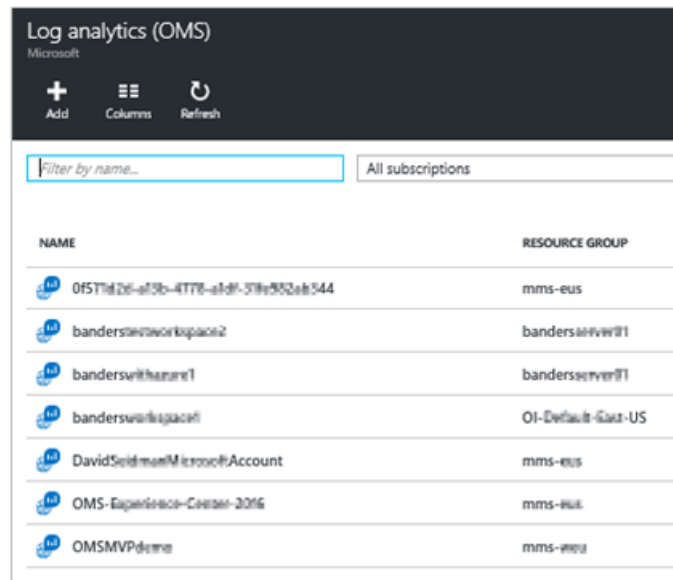
★ Recommended | [View all](#)

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)

- On the settings blade, select **Yes** under **Use managed disks**, keep the defaults for the rest of the settings, and click **OK**.
- On the summary page, click **Ok** to start the virtual machine deployment.
- 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

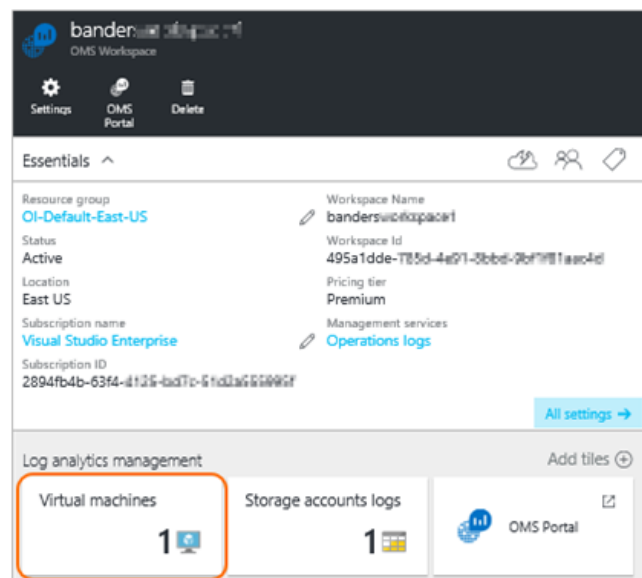
1. Sign into the [Azure portal](#).
2. Select **Browse** on the left side of the portal, and then go to **Log Analytics (OMS)** and select it.
3. In your list of Log Analytics workspaces, select the one that you want to use with the Azure VM.



The screenshot shows the 'Log analytics (OMS)' page in the Azure portal. At the top, there are icons for 'Add', 'Columns', and 'Refresh'. Below these is a search bar labeled 'Filter by name...' and a dropdown menu set to 'All subscriptions'. A table lists several workspaces with their names and resource groups.

NAME	RESOURCE GROUP
0f571d2d-af3b-4778-ad8f-378e952ab344	mms-eus
bandersworkspace2	banderserver1
bandersworkspace1	banderserver1
bandersworkspace1	OI-Default-East-US
DavidSeidmanMicrosoftAccount	mms-eus
OMS-Experience-Center-2016	mms-eus
OMSMVPdemo	mms-eus

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



The screenshot shows the 'Log analytics management' page for a workspace named 'bandersworkspace1'. The page is divided into two main sections: 'Essentials' and 'Log analytics management'. The 'Essentials' section displays various properties of the workspace, including its resource group, status, location, subscription name, and workspace ID. The 'Log analytics management' section shows a list of tiles for different log types: 'Virtual machines' (highlighted with an orange box and showing 1 item), 'Storage accounts logs' (showing 1 item), and 'OMS Portal'.

Essentials

- Resource group: [OI-Default-East-US](#)
- Status: **Active**
- Location: **East US**
- Subscription name: [Visual Studio Enterprise](#)
- Subscription ID: 2894fb4b-63f4-d126-bad7d-6fd2a66699f7
- Workspace Name: [bandersworkspace1](#)
- Workspace Id: 495a1dde-785d-4e91-8bbe-9b7f7f1a9c4d
- Pricing tier: **Premium**
- Management services: [Operations logs](#)

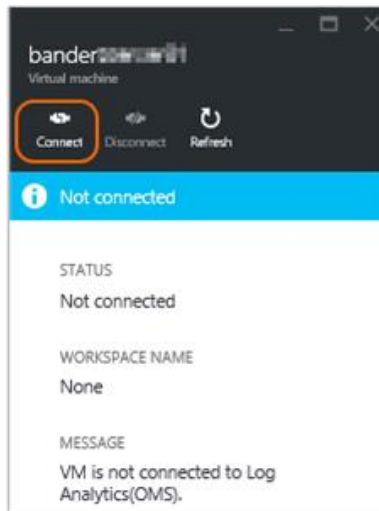
Log analytics management

- Virtual machines** (1)
- Storage accounts logs** (1)
- [OMS Portal](#)

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**.

Virtual machines			
bandersworkspace1			
<div>Refresh</div> <div>Help</div>			
AzureTest04	Not connected	Windows	whuh-COMPOSDemo
banders2012	Other workspace	Windows	Visual Studio Enterprise
bandersserver01	Not connected	Windows	Visual Studio Enterprise
bandersaj14	This workspace	Windows	Visual Studio Enterprise

- 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...*



- After you install and connect the agent, the **OMS connection** status will be updated to show **This workspace**.

Virtual machines			
bandersworkspace1			
<div>Refresh</div> <div>Help</div>			
AzureTest04	Not connected	Windows	
banders2012	Other workspace	Windows	
bandersserver01	This workspace	Windows	