

# 8\_Azure Data Bricks Account Creation

Wednesday, February 11, 2026 1:27 PM

1. Log into Azure portal and Search for Data Bricks in search tab.

The screenshot shows the Microsoft Azure portal interface. At the top, there is a search bar with the text "Search resources, services, and docs (G+)" and a magnifying glass icon. Below the search bar, the "Azure services" section is visible, featuring icons for Create a resource, Storage accounts, Resource Manager, Azure SQL Database, Key vaults, Resource groups, Logic apps, SQL Server databases, Data factories (V2), and More services. The "Resources" section shows a table of recent resources, including "babburstorageaccount" (Storage account), "PRACTISEADF" (Resource group), "mydatabase" (SQL database), "bvssadf" (Data factory (V2)), "saivardhan" (SQL server), and "Azure subscription 1" (Subscription). The "Recent" tab is selected. Below the resources, there are sections for "Navigate" (Subscriptions, Resource groups, All resources, Dashboard) and "Tools". On the right side of the screen, a sidebar displays a list of services under "All" (Services 51, Marketplace 22, More 4), including Azure Databricks, Oracle Database@Azure, Access Connector for Azure Databricks, Reservations, Azure Databricks, Access Connector for Azure Databricks, Databricks, Lakehouse Optimizer for Azure Databricks, Documentation, Azure Architecture Center - Azure Architecture Center, Study guide for Exam DP-900: Microsoft Azure Data Fundamentals, Study guide for Exam DP-203: Data Engineering on Microsoft Azure, Integration runtime - Azure Data Factory & Azure Synapse, and Continue searching in Microsoft Entra ID. The sidebar also shows a "Last Viewed" section with items from the recent list.

2. Click on create once you got into the resource.

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[Group by none](#)

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No azure databricks services to display

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## Create an Azure Databricks workspace

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### Project Details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* [Azure subscription 1](#)  
 Resource group \* [PRACTISEADF](#)   [Create new](#)

### Instance Details

Workspace name \* [bvss-dev-adbs](#)  
 Region \* [East US](#)  
 Pricing Tier \* [Premium \(+ Role-based access controls\)](#)  
 We selected the recommended pricing tier for your workspace. You can change the tier based on your needs.

Workspace type  
 Hybrid  
 Requires access to compute and storage in your Azure account.  
 Supports custom compute.  
 Serverless  
 No setup required. Uses Databricks-managed default storage and serverless compute. Connect to your cloud storage at any time. [Learn](#)

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3. After creation we can see a new resources groups gets created by Databricks for managing its resources.

Showing 1 - 3 of 3. Display count: auto

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Showing 1 - 7 of 7. Display count: auto

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- What Azure Databricks Automatically Creates Inside the **managed resource group**, you will see:
1. **VNet (if using VNet injection or secure workspace)**

Databricks creates:

- VNet
- Subnets
- NICs
- Route tables
- Private endpoints

These are required for:

- Cluster communication
- Secure workspace networking

### 3. NetworkWatcherRG

This is not Databricks — it's Azure.

Azure automatically enables **Network Watcher** in any region where a VNet is created.

So when Databricks creates a VNet, Azure creates: NetworkWatcherRG  
You cannot prevent this.

### 4. Managed Identity + Security Resources

Databricks needs:

- System-assigned managed identity
- Key Vault (if using secure workspace)
- Private DNS zones (for private endpoints)

These appear automatically.

### 5. Cluster Infrastructure

These are required for:

- Cluster communication
- Secure workspace networking
- Private access to storage, ACR, Key Vault

## 2. Storage Accounts

Databricks needs storage for:

- DBFS root
- Cluster logs
- Init scripts
- Workspace files

If you don't provide one, Azure creates it.

- Private DNS zones (for private endpoints)

These appear automatically.

## 5. Cluster Infrastructure

When you create a cluster or compute:

- VM scale sets
- NICs
- Disks
- Public IPs (if not using secure workspace)

All appear inside the managed RG.

💡 Why Databricks Needs a Managed Resource Group

Azure Databricks is a **fully managed service**.

It must control:

- Cluster lifecycle
- Networking
- Storage
- Security
- Monitoring

So Azure isolates these resources in a **separate RG** to avoid accidental deletion.

When you create an Azure Databricks workspace, Azure automatically creates:

- Your workspace RG → holds the Databricks workspace object
- A Databricks-managed RG → holds compute, networking, storage
- NetworkWatcherRG → created by Azure when any VNet is deployed
- Storage accounts, VNets, private endpoints, NICs, route tables → required for Databricks clusters and workspace networking

This is **expected behavior** and cannot be avoided.

The screenshot shows the Microsoft Azure Resource Manager interface. On the left, the navigation pane lists 'Resource Manager | Resource groups' under 'Default Directory'. The 'Resource groups' section is selected, showing a list of resource groups: 'Resource Manager', 'All resources', 'Favorite resources', 'Recent resources', 'Tags', 'Organization', 'Tools', 'Deployments', and 'Help'. The 'PRACTISEADF' resource group is selected and its details are shown on the right. The 'Overview' tab is active, displaying the resource group's name, a brief description ('What are the best practices for managing this resource group?'), and a list of resources. The 'Resources' tab is selected, showing a table of resources with columns for Name, Type, and Location. The table includes entries for 'babburstorageaccount' (Storage account, East US), 'bvss-dev-adbws' (Azure Databricks S..., East US), 'bvssadf' (Data factory (V2), East US), 'mydatabase (saivardhan/mydatabase)' (SQL database, West US 2), and 'saivardhan' (SQL server, West US 2). Filter and search options are available at the top of the resource list.

**Finally click on the Databricks object in your resource group and launch databricks workspace.**

Microsoft Azure Upgrade Search resources, services, and docs (G+/)

Home > Resource Manager | Resource groups > PRACTISEADF

bvss-dev-adbws Azure Databricks Service

Search Delete Overview Essentials JSON View

Status : Active Workspace type : Hybrid  
Resource group : PRACTISEADF Managed Resource Group : databricks-rg-bvss-dev-adbws-zeqx6d6xpnnny  
Location : East US URL : https://adb-7405618855967787.7.azuredatabricks.net  
Subscription : Azure subscription 1 Pricing Tier : Premium (+ Role-based access controls) (Click to change)  
Subscription ID : c6e58a56-56c4-47e7-bfb8-6a141a63e782 Enable No Public IP : Yes  
Tags (edit) : Add tags

 Launch Workspace

Documentation Getting Started Import Data from File Import Data from Azure Storage  
Notebook Admin Guide Link Azure ML workspace

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Microsoft Azure databricks bvss-dev-adbws

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Welcome to Databricks

Search data, notebooks, recents, and more... CTRL + P

 Set up your workspace  
Follow this step-by-step guide that walks you through setting up the workspace for your new Databricks account.  
Get started 

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