Download and install Azure Data Studio

Article • 02/28/2024

Azure Data Studio is a lightweight, cross-platform data management and development tool with connectivity to popular cloud and on-premises databases. Azure Data Studio supports Windows, macOS, and Linux, with immediate capability to connect to Azure SQL and SQL Server. Browse the extension library for more database support options including MySQL, PostgreSQL, and Cosmos DB.

Azure Data Studio's familiar interface offers a modern editor experience with IntelliSense, code snippets, source control integration, and an integrated terminal. Engineered with the data platform user in mind, its extensibility allows users to customize their experience by installing the extensions relevant to their workflow, including database migrations, charting, GitHub Copilot, and more!

Use Azure Data Studio to query, design, and manage your databases and data warehouses wherever they are, on your local computer or in the cloud.

For more information about Azure Data Studio, visit What is Azure Data Studio?.

Download Azure Data Studio

Azure Data Studio 1.48.0 is the latest general availability (GA) version.

- Release number: 1.48.0
- Release date: February 28, 2024

⧉ Expand table

Platform	Type	Download		
Windows	User Installer	x64 ⧉	ARM64 ⧉	
	System Installer	x64 ⧉	ARM64 ⧉	
	.zip	x64 ⧉	ARM64 ⧉	
macOS	.zip	Universal ⧉	Intel Chip ⧉	Apple Silicon ⧉
Linux	.tar.gz	x64 ⧉		
	.deb	x64 ⧉		
	.rpm[1]	x64 ⧉		

[1] There's a known issue with install on RHEL. For more information, see the release notes.

If you have comments or suggestions or want to report a problem with downloading Azure Data Studio, submit an issue to our team on the Azure Data Studio feedback page⬈ .

Install Azure Data Studio

Windows

Windows installation

> ⓘ **Important**
>
> Beginning with SQL Server Management Studio (SSMS) 18.7, Azure Data Studio is automatically installed alongside SSMS. Users of SQL Server Management Studio are now able to benefit from the innovations and features in Azure Data Studio. Azure Data Studio is a cross-platform and open-source desktop tool for your environments, whether in the cloud, on-premises, or hybrid.
>
> To learn more about Azure Data Studio, check out **What is Azure Data Studio?** or the **FAQ**.

This release of Azure Data Studio includes a standard Windows installer experience and a .zip file.

We recommend the *user installer*, which simplifies installations and updates and doesn't require administrator privileges because the location is under your user Local AppData (LOCALAPPDATA) folder.

The user installer also provides a smoother background update experience. For more information, see User setup for Windows⬈ .

User installer

User installer (recommended)

1. Download and run the Azure Data Studio user installer for Windows⬈ .

2. Start the Azure Data Studio app.

What's new with Azure Data Studio

For details about the latest release of Azure Data Studio, see Release notes for Azure Data Studio.

Download the insiders build of Azure Data Studio

As an alternative, if you want to try out the beta features and send feedback, you can download the insiders build of Azure Data Studio ⧉.

Supported operating systems

Azure Data Studio runs on Windows, macOS, and Linux. The following versions are supported:

- Windows: 10 and later versions
- Windows Server: 2016, 2019, 2022
- macOS: 10.12+ (Sierra) and later versions
- Linux: Debian 9+, RHEL 7+, SLES 15, Ubuntu 18.04+

> ⓘ **Note**
>
> Incremental versions within a major operating system release may no longer be in support by the operating system. Consult the documentation for your operating system to ensure you have received applicable updates.

System requirements

⬚ Expand table

Requirement level	CPU cores	RAM memory
Recommended	4	8 GB

Requirement level	CPU cores	RAM memory
Minimum	2	4 GB

Check for updates

To check for the latest updates, on the left pane, select **Manage** (gear icon), and then select **Check for Updates**.

To apply environment updates offline, install the latest version directly over your previously installed version. You don't need to uninstall earlier versions of Azure Data Studio. If an earlier version is present, the installer automatically updates to the latest version.

Uninstall

macOS

macOS

You can uninstall apps ⧉ from the Internet or drive on Mac by completing the following steps:

1. Select the **Finder icon** in the Dock, and then select **Applications** in the **Finder** sidebar.

2. Do one of the following steps:

   - If an app is in a folder, open the app's folder to check for an uninstaller. Double-click **Uninstall [App]** or **[App] Uninstaller**, and then follow the onscreen instructions.

   - If an app isn't in a folder or doesn't have an uninstaller, drag the app from the *Applications* folder to the Trash (at the end of the Dock).

To uninstall apps you've downloaded from the App Store, use Launchpad.

Related content

To learn more about Azure Data Studio, see the following resources:

- Azure Data Studio release notes

- [What is Azure Data Studio?](#)
- [SQL tools](#)
- [SSMS](#)
- [Azure Data Architecture Guide](#)

✏ Contribute to documentation

Did you know that you can edit content yourself? If you do so, not only do you help improve our documentation, but you also get credited as a contributor to the page.

For more information, see [Edit Microsoft Learn documentation](#)

[Microsoft Privacy Statement ↗](#) and [Enable or disable usage data collection for Azure Data Studio](#).

Feedback

Was this page helpful? 👍 Yes 👎 No

[Provide product feedback ↗](#)