Install mongosh

Prerequisites

To use the MongoDB Shell, you must have a MongoDB deployment to connect to.

- For a free cloud-hosted deployment, you can use MongoDB Atlas.
- To learn how to run a local MongoDB deployment, see Install MongoDB.

Supported MongoDB Versions

You can use the MongoDB Shell to connect to MongoDB version 4.2 or greater.

Supported Operating Systems

You can install MongoDB Shell 2.0.0 on these operating systems:

Operating System	Supported Versions
macOS	11+ (x64 and ARM64)
Microsoft Windows	Microsoft Windows Server 2016+ Microsoft Windows 10+
Linux	Red Hat Enterprise Linux (RHEL) 8+ (x64, ARM64, ppc64le, and s390x) Ubuntu 20.04+ (x64 and ARM64) Amazon Linux 2023 (x64 and ARM64) Debian 11+ SLES 15

Compatibility Considerations

Starting in mongosh 2.0.0:

- Amazon Linux 1, Debian 9, and macOS 10.14 aren't supported.

- Red Hat Enterprise Linux (RHEL) 7, Amazon Linux 2, SUSE Linux Enterprise Server (SLES) 12, and Ubuntu 18.04 support is deprecated and might be removed in a later `mongosh` release.
- If you must use `Node.js` 16 with `mongosh`, install `Node.js` and then install `mongosh` through `npm`. The ability to run `mongosh` installed with `npm` and use `Node.js` 16 might be removed during the lifetime of `mongosh` 2.x.

Procedure

Select the appropriate tab for your operating system:

Windows | macOS | **Linux**

Select the appropriate tab based on your Linux distribution and desired package from the tabs below:

- To install the `.deb` package on Ubuntu 22.04 (Jammy), Ubuntu 20.04 (Focal), Ubuntu 18.04 (Bionic), or Debian, click the `.deb` tab.
- To install the `.rpm` package on RHEL or Amazon Linux 2, click the `.rpm` tab.
- To install the `.tgz` tarball, click the `.tgz` tab.

.deb | .rpm | .tgz

Supported Platforms

`mongosh` is available as a PPA for the following platforms:

- Ubuntu 22.04 (Jammy)
- Ubuntu 20.04 (Focal)
- Ubuntu 18.04 (Bionic)

Procedure

1. **Import the public key used by the package management system.**

   From a terminal, issue the following command to import the MongoDB public GPG key from https://www.mongodb.org/static/pgp/server-7.0.asc :

   ```
   wget -qO- https://www.mongodb.org/static/pgp/
   ```

   The previous command writes the GPG key to your system's `/etc/apt/trusted.gpg.d` folder and prints the key to your terminal. You do not need to copy or save the key that is printed to the terminal.

If you receive an error indicating that `gnupg` is not installed, perform the following steps:

1. Install `gnupg` and its required libraries using the following command:

Share Feedback

```
sudo apt-get install gnupg
```

2. Retry importing the key:

```
wget -qO- https://www.mongodb.org/static/
```

2 **Create a list file for MongoDB.**

Create the list file `/etc/apt/sources.list.d/mongodb-or` for your version of Ubuntu.

Click on the appropriate tab for your version of Ubuntu. If you what Ubuntu version the host is running, open a terminal or sh and run `lsb_release -dc`.

Ubuntu 22.04 (Jammy) Ubuntu 20.04 (Focal) Ubuntu

The following instruction is for **Ubuntu 22.04 (Jammy)**. For othe releases, click the appropriate tab.

Create the `/etc/apt/sources.list.d/mongodb-org-7.0` Ubuntu 22.04 (Jammy):

```
echo "deb [ arch=amd64,arm64 ] https://repo.mongod
```

3 **Reload local package database.**

Issue the following command to reload the local package database:

```
sudo apt-get update
```

4 **Install the `mongosh` package.**

`mongosh` supports OpenSSL. You can also configure `mongosh` to use your system's OpenSSL installation.

To install the latest stable version of `mongosh` with the included OpenSSL libraries:

```
sudo apt-get install -y mongodb-mongosh
```

To install `mongosh` with your OpenSSL 1.1 libraries:

```
sudo apt-get install -y mongodb-mongosh-share
```

To install `mongosh` with your OpenSSL 3.0 libraries:

Share Feedback

```
sudo apt-get install -y mongodb-mongosh-share
```

5 **Confirm that `mongosh` installed successfully.**

To confirm that `mongosh` installed successfully, run the following command:

```
mongosh --version
```

Your terminal should respond with the version of `mongosh` you have installed.

Next Steps

Once you successfully install `mongosh`, learn how to connect to your MongoDB deployment.

MongoDB provides a programmatically accessible list of `mongosh` downloads that can be accessed through your application.