MongoDB - Installation on RedHat 9

Step 1: Configure the MongoDB Repository

Create a new repository file named `/etc/yum.repos.d/mongodb-org-8.0.repo` using your preferred text editor (like `vi` or `nano`), or by using the `cat` command as shown below. This example uses version 8.0; you can check the MongoDB repositories for the latest version.

```
cat <<EOF | sudo tee /etc/yum.repos.d/mongodb-org-8.0.repo
[mongodb-org-8.0]
name=MongoDB Repository
baseurl=https://repo.mongodb.org/yum/redhat/9/mongodb-org/8.0/x86_64/
gpgcheck=1
enabled=1
gpgkey=https://pgp.mongodb.com/server-8.0.asc
EOF
```

Step 2: Install MongoDB Packages

Install the latest stable version of MongoDB:

```
sudo dnf install -y mongodb-org
```

Step 3: Start and Enable the MongoDB Service

Start the service and enable it to run on boot:

```
sudo systemctl start mongod
sudo systemctl enable mongod
# Verify status:
sudo systemctl status mongod
```

Step 4: Configure the Firewall (Optional)

If needed, open port `27017` to allow remote access:

```
sudo firewall-cmd --permanent --add-port=27017/tcp
sudo firewall-cmd --reload
```

Step 5: Begin Using MongoDB

Launch the shell to connect to your local instance:

```
mongosh
```

Last verified: October 2026

Sources:

- https://www.mongodb.com/docs/v8.0/tutorial/install-mongodb-on-red-hat/

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