

MongoDB 8 Installation Guide for CentOS 8

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This guide provides the correct steps to install MongoDB 8.0 on CentOS 8 / RHEL 8 / Rocky Linux 8 / AlmaLinux 8.

1. Add MongoDB YUM Repository

Create a repo file:

```
sudo nano /etc/yum.repos.d/mongodb-org-8.0.repo
```

Paste:

```
[mongodb-org-8.0]
name=MongoDB Repository
baseurl=https://repo.mongodb.org/yum/redhat/$releasever/mongodb-org/8.0/x86_64/
gpgcheck=1
enabled=1
gpgkey=https://www.mongodb.org/static/pgp/server-8.0.asc
```

2. Install MongoDB 8.0

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

3. Start & Enable MongoDB

```
sudo systemctl start mongod
sudo systemctl enable mongod
sudo systemctl status mongod
```

4. Verify Installation

```
mongod --version
mongosh
```

5. (Optional) Open Firewall Port

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

6. SELinux Fix (if MongoDB fails)

Temporarily:

```
sudo setenforce 0
```

Permanently:

Edit `/etc/selinux/config`:

```
SELINUX=permissive
```

7. Fix CentOS 8 Repo Metadata Issue

```
sudo dnf upgrade --refresh
sudo dnf config-manager --set-enabled powertools
```

Done!

MongoDB 8 is now installed successfully.