

Mongodb4.x 的使用以及 Mongodb 账户权限配置

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一、Mongodb4.x 的使用

MongoDB 4.0.1 2008R2Plus SSL (64 bit) Service Custo...

Service Configuration

Specify optional settings to configure MongoDB as a service.

☒ Install MongoDB as a Service

☒ Run service as Network Service user

☐ Run service as a local or domain user:

Account Domain:

Account Name:

Account Password:

Service Name:

Data Directory:

Log Directory:

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MongoDB Compass

Install MongoDB Compass

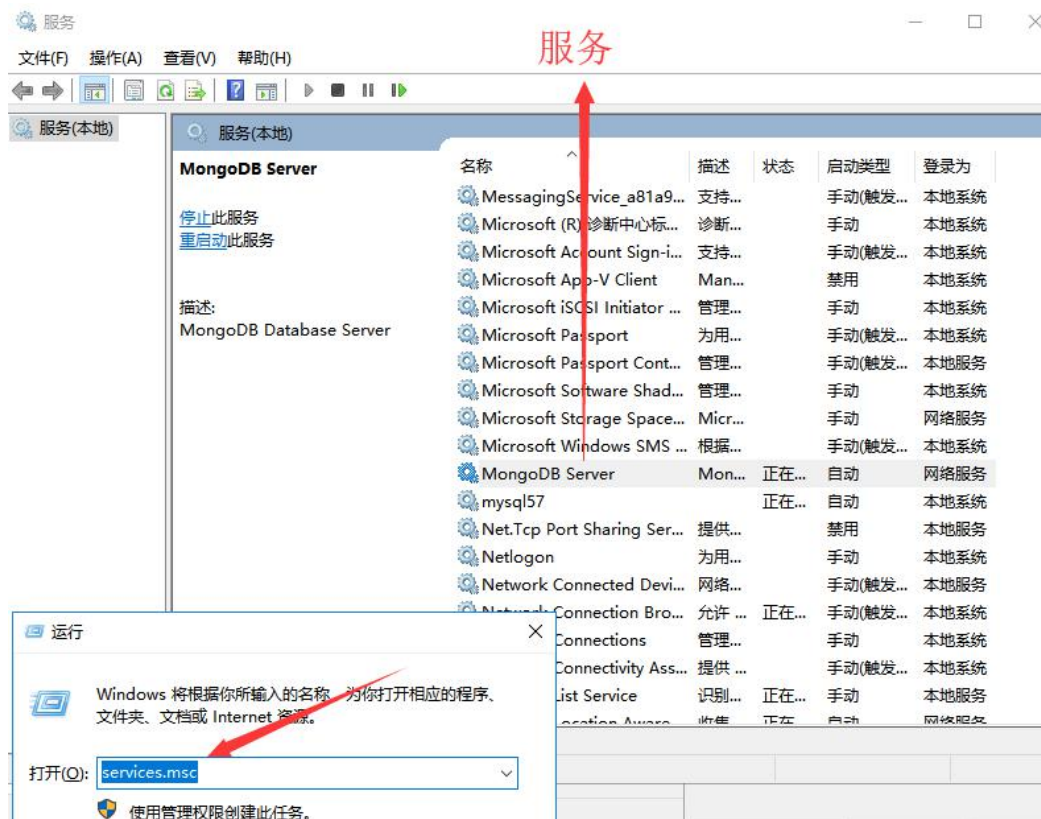
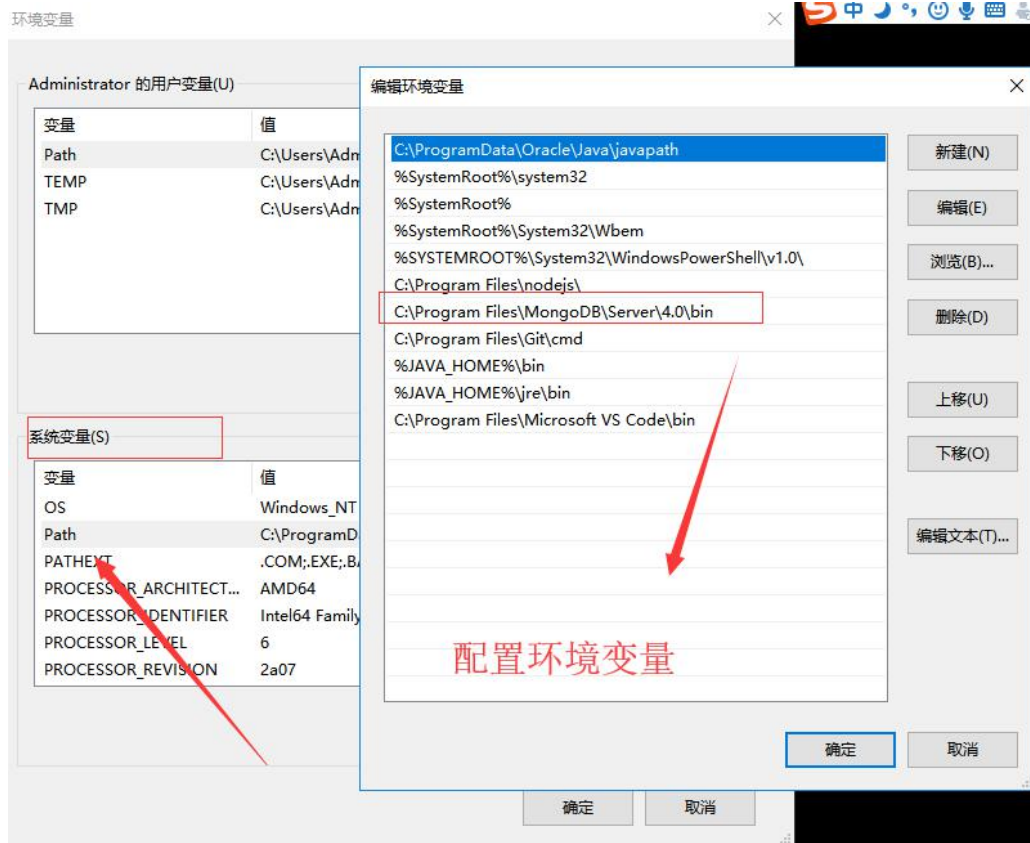
MongoDB Compass is the official graphical user interface for MongoDB.

By checking below this installer will automatically download and install the latest version of MongoDB Compass on this machine. You can learn more about MongoDB Compass here: <https://www.mongodb.com/products/comp...>

是否安装mongodb可视化工具

☒ Install MongoDB Compass

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```
C:\Users\Administrator>mongo
MongoDB shell version v4.0.1
connecting to: mongodb://127.0.0.1:27017
MongoDB server version: 4.0.1
Server has startup warnings:
2018-08-14T17:48:13.847+0800 I CONTROL [initandlisten]
2018-08-14T17:48:13.847+0800 I CONTROL [initandlisten] ** WARNING: Access control is not enabled f
2018-08-14T17:48:13.847+0800 I CONTROL [initandlisten] **      Read and write access to data a
rrestricted.
2018-08-14T17:48:13.847+0800 I CONTROL [initandlisten]
---
Enable MongoDB's free cloud-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> _
```

二、Mongodb 账户权限配置

1、第一步创建超级管理用户

```
use admin
db.createUser({
  user:'admin',
  pwd:'123456',
  roles:[{role:'root',db:'admin'}]
})
```

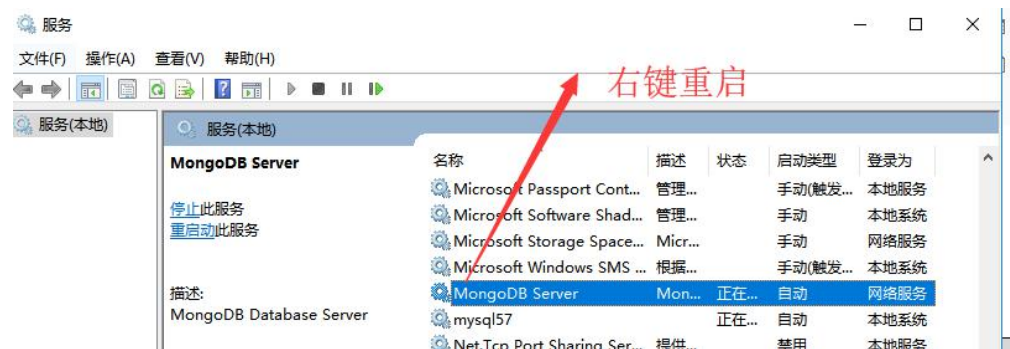
2、第二步修改 Mongodb 数据库配置文件

路径: C:\Program Files\MongoDB\Server\4.0\bin\mongod.cfg

配置:

```
security:
  authorization: enabled
```

3、第三步重启 mongodb 服务



4、第四步用超级管理员账户连接数据库

```
mongo admin -u 用户名 -p 密码  
  
mongo 192.168.1.200:27017/test -u user -p password
```

5、第五步给 eggcms 数据库创建一个用户 只能访问 eggcms 不能访问其他数据库

```
use eggcms  
  
db.createUser(  
  {  
    user: "eggadmin",  
    pwd: "123456",  
    roles: [ { role: "dbOwner", db: "eggcms" } ]  
  }  
)
```

三、Mongodb 账户权限配置中常用的命令

1、show users;

#查看当前库下的用户

2、db.dropUser("eggadmin")

#删除用户

3、db.updateUser("admin",{pwd:"password"});

#修改用户密码

4、db.auth("admin","password");

#密码认证

四、Mongodb 数据库角色

- 1.数据库用户角色：read、readWrite;
- 2.数据库管理角色：dbAdmin、dbOwner、userAdmin;
- 3.集群管理角色：clusterAdmin、clusterManager、clusterMonitor、hostManager;
- 4.备份恢复角色：backup、restore;
- 5.所有数据库角色：readAnyDatabase、readWriteAnyDatabase、userAdminAnyDatabase、dbAdminAnyDatabase
- 6.超级用户角色：root

参考：<https://www.cnblogs.com/zzw1787044/p/5773178.html>

五、连接数据库的时候需要配置账户密码

```
const url = 'mongodb://admin:123456@localhost:27017/';
```