

# Neo4j安装与配置

下载:

<https://neo4j.com/download/other-releases/#releases>

1. `tar -zxvf neo4j-community-3.3.1-unix.tar.gz -C /usr/local/`

- To run Neo4j as a console application, use:

`<NEO4J_HOME>/bin/neo4j console`

- To run Neo4j in a background process, use:

`<NEO4J_HOME>/bin/neo4j start`

- For additional commands see the [Unix tarball installation documentation](#).

2. Visit <http://localhost:7474> in your web browser.

3. Connect using the username 'neo4j' with default password 'neo4j'.  
You'll then be prompted to change the password.

## 二，Neo4j的配置

配置文档存储在conf目录下，Neo4j通过配置文件neo4j.conf控制服务器的工作。  
默认情况下，不需要进行任意配置，就可以启动服务器。

### 1，核心数据文件的位置

例如，核心数据文件存储的位置，默认是在data/graph.db目录中，要改变默认的存储目录，可以更新配置选项：

```
# The name of the database to mount
```

```
#dbms.active_database=graph.db
```

```
# Paths of directories in the installation.
```

```
#dbms.directories.data=data
```

## 2, 安全验证, 默认是启用的

```
# Whether requests to Neo4j are authenticated.
```

```
# To disable authentication, uncomment this line
```

```
#dbms.security.auth_enabled=false
```

## 3, 配置JAVA 堆内存的大小

```
# Java Heap Size: by default the Java heap size is dynamically  
calculated based on available system resources.
```

```
# Uncomment these lines to set specific initial and maximum heap size.
```

```
#dbms.memory.heap.initial_size=512m
```

```
#dbms.memory.heap.max_size=512m
```

## 三, 网络连接配置

### 1, Neo4j支持三种网络协议 (Protocol)

Neo4j支持三种网络协议 (Protocol), 分别是Bolt, HTTP和HTTPS, 默认的连接  
器配置有三种, 为了使用这三个端口, 需要在Windows防火墙中创建Inbound  
Rules, 允许通过端口7687, 7474和7473访问本机。

### 2, 连接器的可选属性

**listen\_address:** 设置Neo4j监听的链接, 由两部分组成: IP地址和端口号  
(Port) 组成, 格式是: <ip-address>:<port-number>

### 3, 设置默认的监听地址

设置默认的网络监听的IP地址, 该默认地址用于设置三个网络协议 (Bolt, HTTP  
和HTTPS) 的监听地址, 即设置网络协议的属性: **listen\_address**地址。在默认  
情况下, Neo4j只允许本地主机 (localhost) 访问, 要想通过网络远程访问Neo4j  
数据库, 需要修改监听地址为 0.0.0.0, 这样设置之后, 就能允许远程主机的访  
问。

```
# With default configuration Neo4j only accepts local connections.
```

```
# To accept non-local connections, uncomment this line:
```

```
dbms.connectors.default_listen_address=0.0.0.0
```

### 4, 分别设置各个网络协议的监听地址和端口

HTTP链接器默认的端口号是7474，Bolt链接器默认的端口号是7687，必须在Windows 防火墙中允许远程主机访问这些端口号。

```
# Bolt connector
dbms.connector.bolt.enabled=true
#dbms.connector.bolt.tls_level=OPTIONAL
#dbms.connector.bolt.listen_address=0.0.0.0:7687

# HTTP Connector. There must be exactly one HTTP connector.
dbms.connector.http.enabled=true
#dbms.connector.http.listen_address=0.0.0.0:7474

# HTTPS Connector. There can be zero or one HTTPS connectors.
#dbms.connector.https.enabled=true
#dbms.connector.https.listen_address=0.0.0.0:7473
```

Neo4j集群搭建：

<http://zhaobing.me/2016/12/09/Neo4j%E9%9B%86%E7%BE%A4%E6%90%AD%E5%BB%BA/>

Neo4j 企业版 价格表

<http://neo4j.com.cn/topic/59b0a3f59fe13f5e0a2212b2>