mongodb 单实例安装

1 下载

```
wget https://fastdl.mongodb.org/linux/mongodb-linux-x86_64-3.0.1.tgz
```

2 安装

```
tar zxvf mongodb-linux*.tgz -C /opt
ln -s mongodb-linux* mongodb
cd mongodb
vim mongod.conf
```

3 配置

- 添加mongod.conf内容，添加 以下内容

```
# mongod.conf
#where to log
logpath=/var/log/mongodb/mongod.log
logappend=true
# fork and run in background
fork=true
#port=27017
dbpath=/var/lib/mongo
# location of pidfile
pidfilepath=/var/run/mongodb/mongod.pid
# Listen to local interface only. Comment out to listen on all interfaces.
bind_ip=127.0.0.1
# Disables write-ahead journaling
# nojournal=true
# Enables periodic logging of CPU utilization and I/O wait
#cpu=true
# Turn on/off security.  Off is currently the default
#noauth=true
#auth=true
```

```
# Verbose logging output.
#verbose=true
# Inspect all client data for validity on receipt (useful for
# developing drivers)
#objcheck=true
# Enable db quota management
#quota=true
# Set oplogging level where n is
#    0=off (default)
#    1=W
#    2=R
#    3=both
#    7=W+some reads
#diaglog=0
# Ignore query hints
#nohints=true
# Enable the HTTP interface (Defaults to port 28017).
#httpinterface=true
# Turns off server-side scripting.  This will result in greatly limited
# functionality
#noscripting=true
# Turns off table scans.  Any query that would do a table scan fails.
#notablescan=true
# Disable data file preallocation.
#noprealloc=true
# Specify .ns file size for new databases.
# nssize=<size>
# Replication Options
# in replicated mongo databases, specify the replica set name here
#replSet=setname
# maximum size in megabytes for replication operation log
#oplogSize=1024
# path to a key file storing authentication info for connections
# between replica set members
#keyFile=/path/to/keyfile
```

- 修改logpath,dbpath值为合适路径

- 添加数据库管理员权限

  ```
  $ mongo
  ```

use admin
db.createUser({user: "admin",pwd: "password",roles: [{ role: "userAdminAnyDatabase", db: "admin"}]})
use bblink_log
db.createUser({user: "bblink_log",pwd: "password",roles: [{ role: "userAdmin", db: "records" }]})

- 取削无密码登录配置 and local access limit

  vim mongod.conf

  uncomment `#auth=true`
  comment `bind_ip=127.0.0.1`

4 run

```
mongd -f ./mongod.conf
```