

MongoDB 实战 (第九期)

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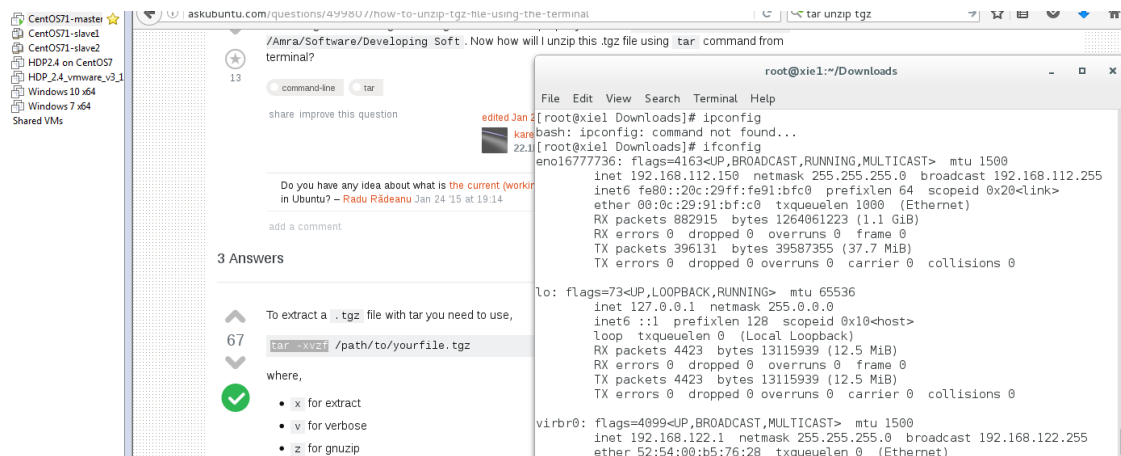
完成日期: 2016-12-05

作业:第 1 课书面作业

部署 MongoDB 实战环境, 包括:

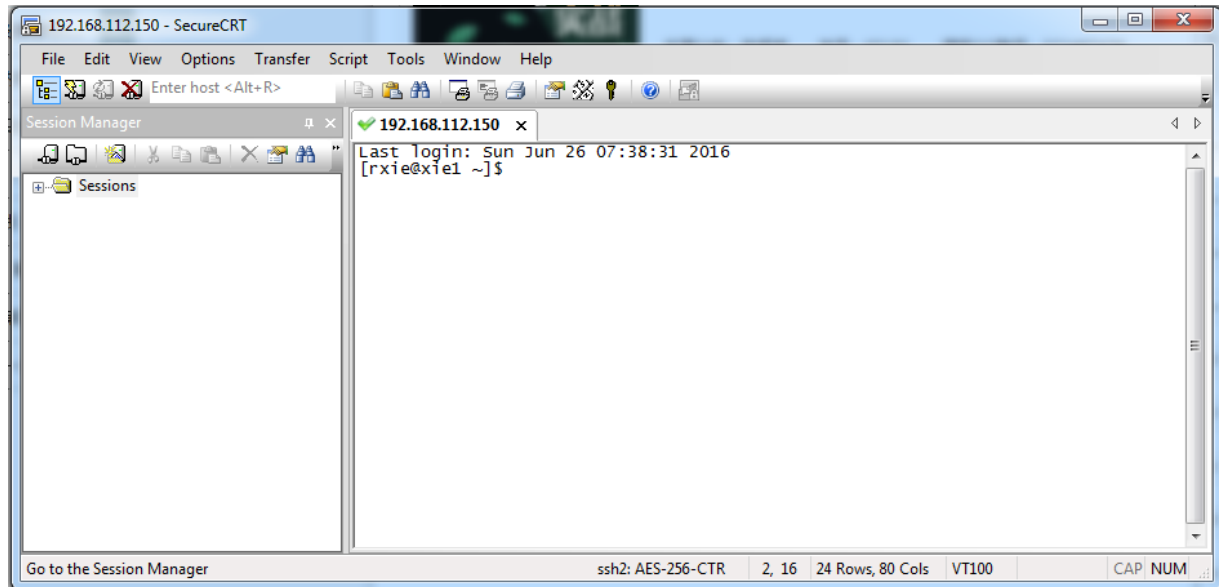
- 1.Linux 系统安装: centos5.9 及以上 64 版本的安装;
- 2.安装 SecureCRT;
- 3.能通过 SecureCRT 成功连接到 centos 系统上;
- 4.熟悉 centos 的基本命令: tar,vim,mv,cp,scp,mkdir,make 等, 说出这些命令含义和使用方法;
- 5.下载 mongodb2.X.X 64 位 BINARY 版本;
- 6.完成 5 的解压;

1. Linux 系统安装: CentOS7 on VMWare



找出 IP 地址为: 192.168.112.150

2. 安装 SecureCRT:
3. 能通过 SecureCRT 成功连接到 centos 系统上



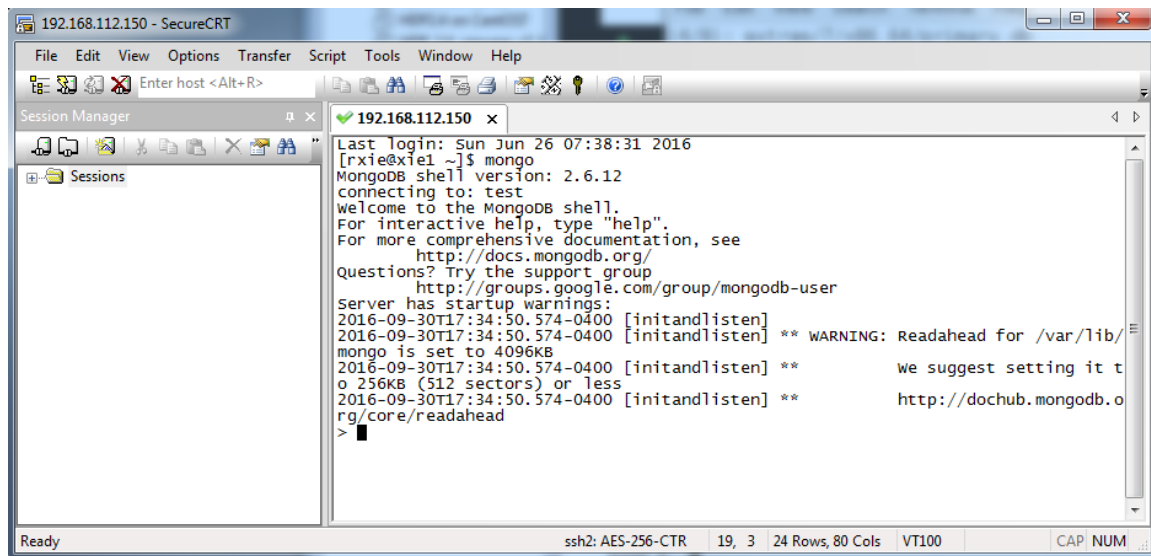
4. 熟悉 centos 的基本命令：tar,vim,mv,cp,scp,mkdir,make 等，说出这些命令含义和使用方法；
5. 下载 mongodb2.X.X 64 位 BINARY 版本；
6. 完成解压安装

```
Loading mirror speeds from cached hostfile
* base: mirror.netflash.net
* epel: mirrors.mit.edu
* extras: mirror.netflash.net
* updates: mirror2.evolution-host.com
Package mongodb-org-2.6.12-1.x86_64 already installed and latest version
Nothing to do
[root@xie1 Downloads]#
```

在 CentOS 里面运行 mongo:

```
[root@xie1 Downloads]# mongo
MongoDB shell version: 2.6.12
connecting to: test
Server has startup warnings:
2016-09-30T17:34:50.574-0400 [initandlisten]
2016-09-30T17:34:50.574-0400 [initandlisten] ** WARNING: Readahead for /var/lib/
mongo is set to 4096KB
2016-09-30T17:34:50.574-0400 [initandlisten] ** We suggest setting it t
o 256KB (512 sectors) or less
2016-09-30T17:34:50.574-0400 [initandlisten] ** http://dochub.mongodb.o
rg/core/readahead
>
```

通过 SecureCRT 在 Windows 下联接 CentOS 远程运行 mongo:



The image shows a SecureCRT terminal window titled "192.168.112.150 - SecureCRT". The window has a menu bar (File, Edit, View, Options, Transfer, Script, Tools, Window, Help) and a toolbar. A "Session Manager" pane on the left shows a "Sessions" folder. The main terminal area displays the output of a MongoDB shell session. The session starts with a login from "rxie@xie1" and shows the MongoDB shell version 2.6.12. It then displays startup warnings from the "initandlisten" process, including a warning about the readahead for /var/lib/mongo. The session ends with a prompt ">".

```
192.168.112.150 - SecureCRT
File Edit View Options Transfer Script Tools Window Help
Enter host <Alt+R>
Session Manager
Sessions
192.168.112.150 x
Last Login: Sun Jun 26 07:38:31 2016
[rxie@xie1 ~]$ mongo
MongoDB shell version: 2.6.12
connecting to: test
welcome to the MongoDB shell.
For interactive help, type "help".
For more comprehensive documentation, see
  http://docs.mongodb.org/
Questions? Try the support group
  http://groups.google.com/group/mongodb-user
Server has startup warnings:
2016-09-30T17:34:50.574-0400 [initandlisten]
2016-09-30T17:34:50.574-0400 [initandlisten] ** WARNING: Readahead for /var/lib/
mongo is set to 4096KB
2016-09-30T17:34:50.574-0400 [initandlisten] **      we suggest setting it t
o 256KB (512 sectors) or less
2016-09-30T17:34:50.574-0400 [initandlisten] **      http://dochub.mongodb.o
rg/core/readahead
>
```

Ready ssh2: AES-256-CTR 19, 3 24 Rows, 80 Cols VT100 CAP NUM