centos7操作系统安装svn服务器

1、更新系统软件

```
sudo yum update
```

2、安装svn

```
sudo yum install subversion
```

3、查看svn版本信息

```
svnserve --version
```

4、创建svn仓库目录

```
sudo mkdir -p /var/svn/svnrepos
```

5、创建svn仓库

```
sudo svnadmin create /var/svn/svnrepos
```

```
[root@cs-1 ~]# mkdir -p /var/svn/svnrepos
[root@cs-1 ~]# svnadmin create /var/svn/svnrepos
[root@cs-1 ~]# cd /var/svn/svnrepos
[root@cs-1 svnrepos]# ll
total 8
drwxr-xr-x. 2 root root  54 May 30 19:28 conf
drwxr-sr-x. 6 root root 233 May 30 19:28 db
-r--r--r--. 1 root root   2 May 30 19:28 format
drwxr-xr-x. 2 root root 231 May 30 19:28 hooks
drwxr-xr-x. 2 root root  41 May 30 19:28 locks
-rw-r--r--. 1 root root 229 May 30 19:28 README.txt
[root@cs-1 svnrepos]#
```

6、修改配置文件、进入conf目录（进行版本库配置），出现以下三个文件

```
[root@cs-1 svnrepos]# cd conf
[root@cs-1 conf]# ll
total 12
-rw-r--r--. 1 root root 1080 May 30 19:28 authz
-rw-r--r--. 1 root root  309 May 30 19:28 passwd
-rw-r--r--. 1 root root 3090 May 30 19:28 svnserve.conf
[root@cs-1 conf]#
```

authz：文件是权限控制文件 passwd：是帐号密码文件 svnserve.conf ：SVN服务配置文件

- 设置账号密码 sudo vi passwd 在[users]块中添加用户和密码，格式：帐号=密码，如p1702=123456
  p1703=123456

```
### This file is an example password file for svnserve.
### Its format is similar to that of svnserve.conf. As shown in the
### example below it contains one section labelled [users].
### The name and password for each user follow, one account per line.

[users]
# harry = harryssecret
# sally = sallyssecret
p1703 = 123456
p1702 = 123456
~
```

- 设置权限 sudo vi authz 在末尾添加如下代码:

```
[/]
p1702 = rw
p1703 = rw
```

```
### ( ).
[aliases]
# joe = /C=XZ/ST=Dessert/L=Snake City/O=Snake Oil, Ltd./OU=Research Institute/
e

[groups]
# harry_and_sally = harry,sally
# harry_sally_and_joe = harry,sally,&joe

# [/foo/bar]
# harry = rw
# &joe = r
# * =

# [repository:/baz/fuz]
# @harry_and_sally = rw
# * = r
p1702 = rw
p1703 = rw
"authz" 34L, 1102C written
```

- 修改svnserve.conf文件 sudo vi svnserve.conf 打开下面的几个注释（去掉前面的#号）：

```
anon-access = read #匿名用户可读
auth-access = write #授权用户可写
password-db = passwd #使用哪个文件作为账号文件
authz-db = authz #使用哪个文件作为权限文件
realm = /var/svn/svnrepos # 认证空间名，版本库所在目录
```

```
### users have read and write access to the repository.
anon-access = read
auth-access = write
### The password-db option controls the location of the password
### database file.  Unless you specify a path starting with a /,
### the file's location is relative to the directory containing
### this configuration file.
### If SASL is enabled (see below), this file will NOT be used.
### Uncomment the line below to use the default password file.
password-db = passwd
### The authz-db option controls the location of the authorization
### rules for path-based access control.  Unless you specify a path
### starting with a /, the file's location is relative to the the
### directory containing this file.  If you don't specify an
### authz-db, no path-based access control is done.
### Uncomment the line below to use the default authorization file.
authz-db = authz
### This option specifies the authentication realm of the repository.
### If two repositories have the same authentication realm, they should
### have the same password database, and vice versa.  The default realm
### is repository's uuid.
realm = /var/svn/svnrepos
### The force-username-case option causes svnserve to case-normalize
"svnserve.conf" 61L, 3078C written
```

7、启动svn服务

```
sudo svnserve -d -r /var/svn/svnrepos ( 停止SVN命令  killall svnserve )
```

8、添加3690端口

```
sudo /sbin/iptables -I INPUT -p tcp --dport 3690 -j ACCEPT
```

9、测试 导入一个项目

查看(V) >
排序方式(O) >
分组依据(P) >
刷新(E)

自定义文件夹(F)...

粘贴(P)
粘贴快捷方式(S)
撤消 移动(U)   Ctrl+Z

SVN Checkout...

TortoiseSVN   >

新建(W)   >

属性(R)

Repo-browser

Export...

Create repository here

Import...

Settings

Help

About

D:\JAVA\workspace - Import - TortoiseSVN   —   □   ×

Repository
URL of repository:
svn://192.168.247.11   ∨   ...

Import message
Recent messages

☐ Include ignored files
☑ Enable Auto-Properties   OK   Cancel   Help

D:\JAVA\workspace - Import - TortoiseSVN

Action	Path	Mime type
Command	Import D:\JAVA\workspace to svn://192.168.247.11	

132 Bytes transferred, 0 Bytes/s

Authentication

<svn://192.168.247.11:3690> /var/svn/svnrepos

Requests a username and a password

Username: p1703
Password: ••••••

☑ Save authentication

OK   Cancel

D:\JAVA\workspace - Import - TortoiseSVN

Action	Path
Adding	D:\JAVA\workspace\.metadata\.plugins\org.eclipse.jdt.core\3825314239.index
Adding	D:\JAVA\workspace\.metadata\.plugins\org.eclipse.jdt.core\383402841.index
Adding	D:\JAVA\workspace\.metadata\.plugins\org.eclipse.jdt.core\3892485256.index
Adding	D:\JAVA\workspace\.metadata\.plugins\org.eclipse.jdt.core\3910416300.index
Adding	D:\JAVA\workspace\.metadata\.plugins\org.eclipse.jdt.core\3944282355.index
Adding	D:\JAVA\workspace\.metadata\.plugins\org.eclipse.jdt.core\3988135437.index
Adding	D:\JAVA\workspace\.metadata\.plugins\org.eclipse.jdt.core\4001820054.index
Adding	D:\JAVA\workspace\.metadata\.plugins\org.eclipse.jdt.core\406294985.index
Adding	D:\JAVA\workspace\.metadata\.plugins\org.eclipse.jdt.core\4067156215.index

35.15 MBytes transferred, Transferring at 2689.90 kBytes/s

OK   Cancel

Import Finished!

Action	Path
Adding	D:\JAVA\workspace\offline_data_analystics\target\test-classes\com\bigdata
Adding	D:\JAVA\workspace\offline_data_analystics\target\test-classes\com\bigdata\offline
Adding	D:\JAVA\workspace\offline_data_analystics\target\test-classes\com\bigdata\offline\analystics
Adding	D:\JAVA\workspace\offline_data_analystics\target\test-classes\com\bigdata\offline\analystics\AppTest
Adding	D:\JAVA\workspace\offline_data_analystics\target\test-classes\com\bigdata\offline\analystics\TestLog
Adding	D:\JAVA\workspace\offline_data_analystics\target\test-classes\com\bigdata\offline\analystics\TestPre
Committing transaction...	
Completed	**At revision: 1**

163.60 MBytes transferred in 1 minute(s) and 9 second(s)

Added:2745

OK   Cancel