

МИНОБРНАУКИ РОССИИ

Федеральное государственное бюджетное образовательное учреждение  
высшего образования

**«САРАТОВСКИЙ НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ  
ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ ИМЕНИ Н.Г.  
ЧЕРНЫШЕВСКОГО»**

Кафедра теоретических основ  
компьютерной безопасности и  
криптографии

**Установка DVWA на Fedora 14**

ОТЧЕТ ПО ДИСЦИПЛИНЕ

**«ОСНОВЫ ПОСТРОЕНИЯ ЗАЩИЩЕННЫХ БАЗ ДАННЫХ»**

студента 4 курса 431 группы

специальности 10.05.01 Компьютерная безопасность

факультета компьютерных наук и информационных технологий

Сенокосова Владислава Владимировича

Преподаватель

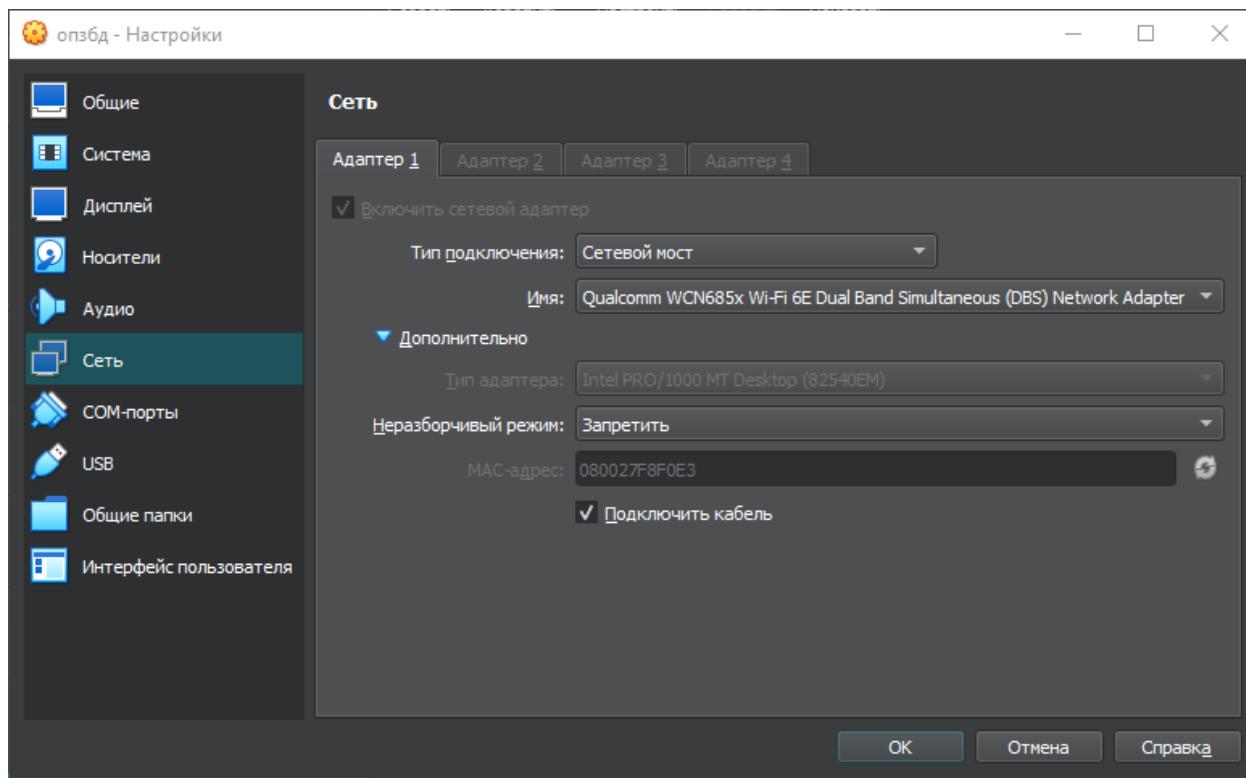
доцент, к.п.н

\_\_\_\_\_  
подпись, дата

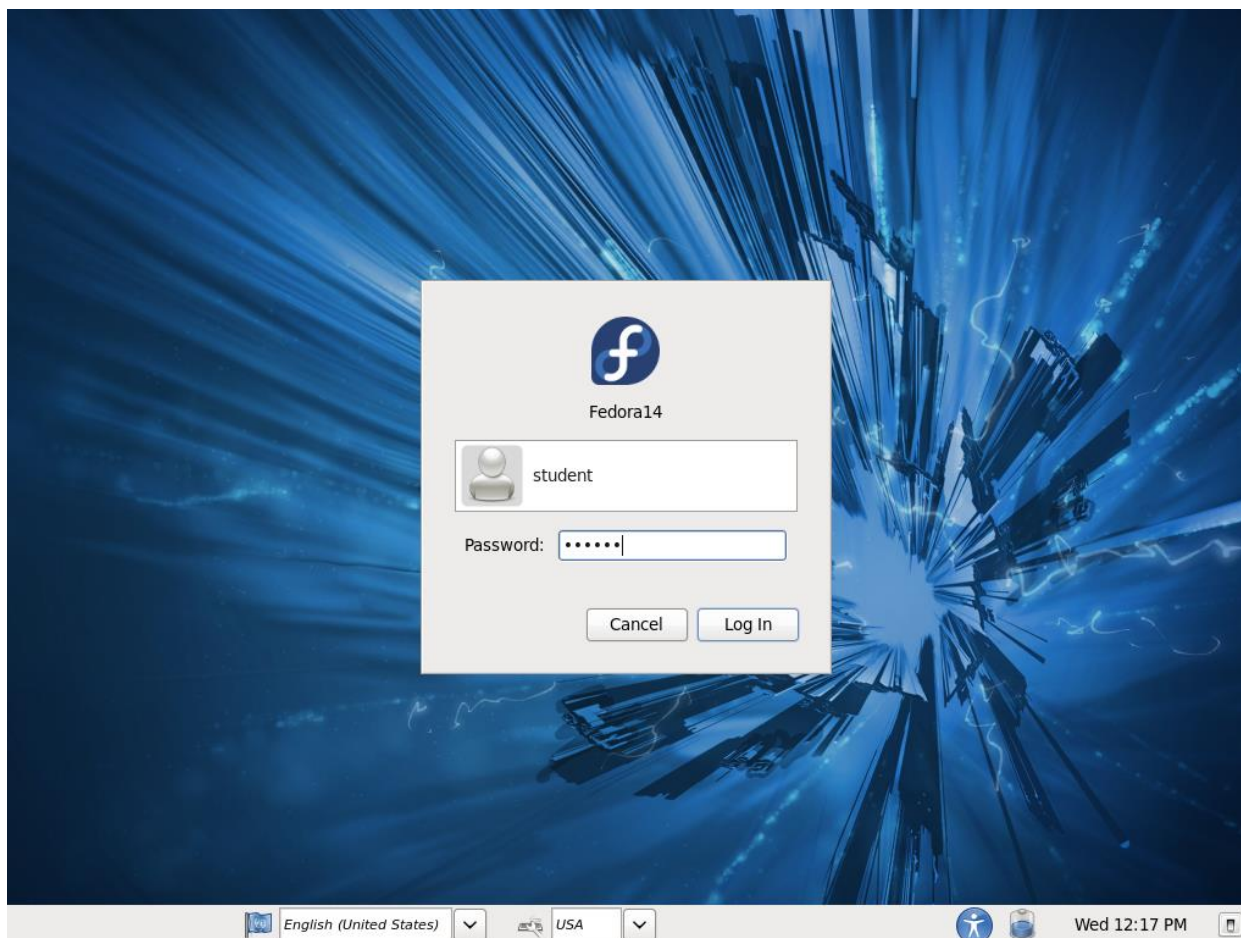
А. С. Гераськин

Саратов 2024

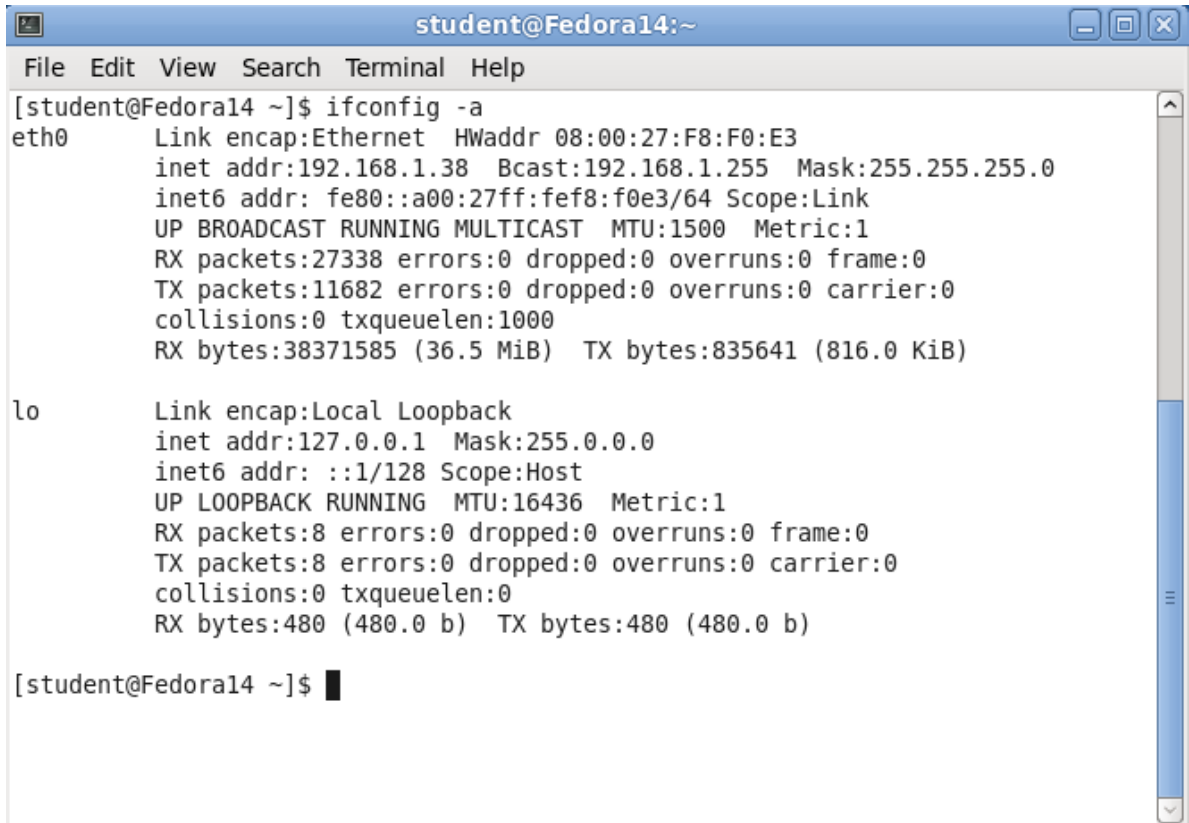
Производим настройки сетевого оборудования:



Входим в систему:



Проверка ip:

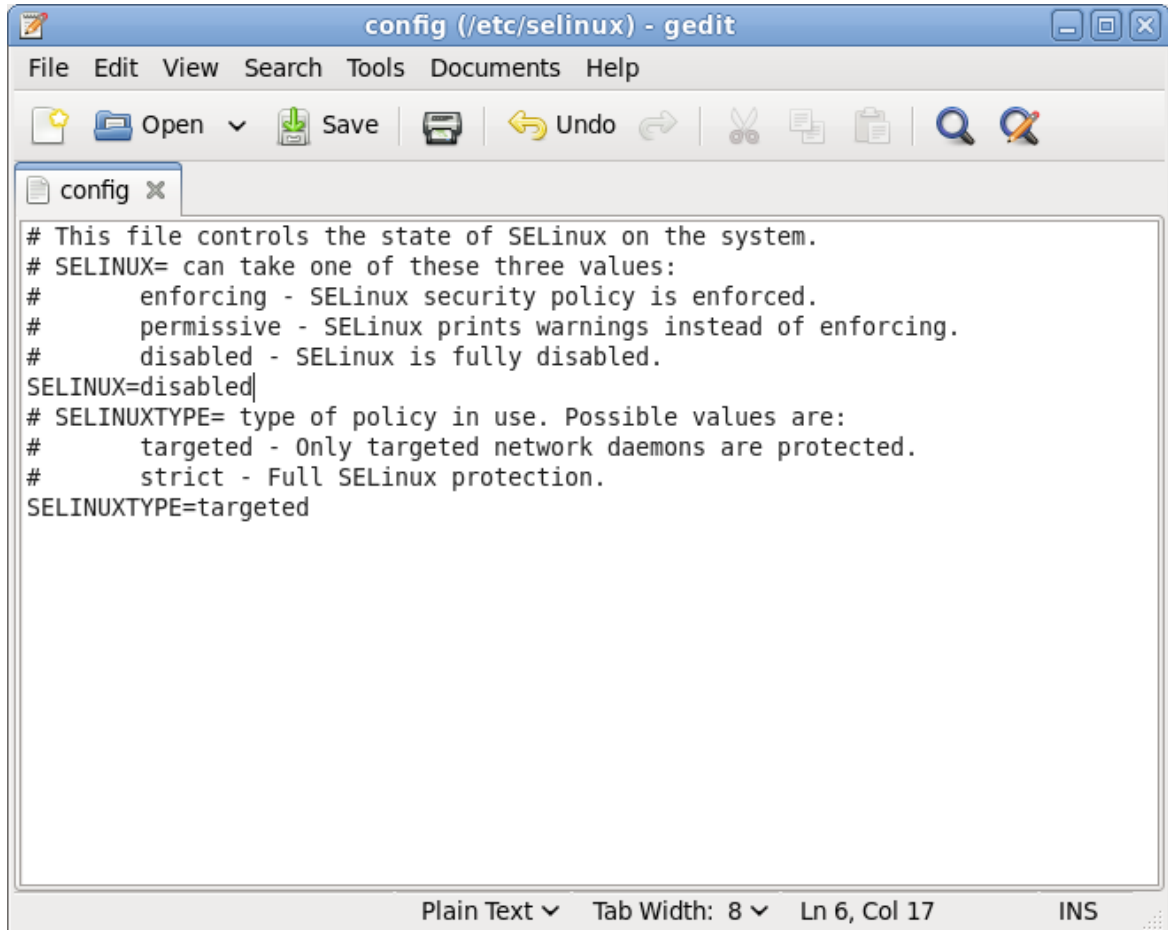
A terminal window titled 'student@Fedora14:~' with a menu bar (File, Edit, View, Search, Terminal, Help). The command '[student@Fedora14 ~]\$ ifconfig -a' has been executed. The output shows details for the 'eth0' (Ethernet) and 'lo' (Local Loopback) interfaces. The 'eth0' interface has an IP address of 192.168.1.38 and is up and running. The 'lo' interface has an IP address of 127.0.0.1 and is also up and running. The prompt '[student@Fedora14 ~]\$' is visible at the bottom.

```
[student@Fedora14 ~]$ ifconfig -a
eth0      Link encap:Ethernet  HWaddr 08:00:27:F8:F0:E3
          inet addr:192.168.1.38  Bcast:192.168.1.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fef8:f0e3/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:27338 errors:0 dropped:0 overruns:0 frame:0
          TX packets:11682 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:38371585 (36.5 MiB)  TX bytes:835641 (816.0 KiB)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:8 errors:0 dropped:0 overruns:0 frame:0
          TX packets:8 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:480 (480.0 b)  TX bytes:480 (480.0 b)

[student@Fedora14 ~]$
```

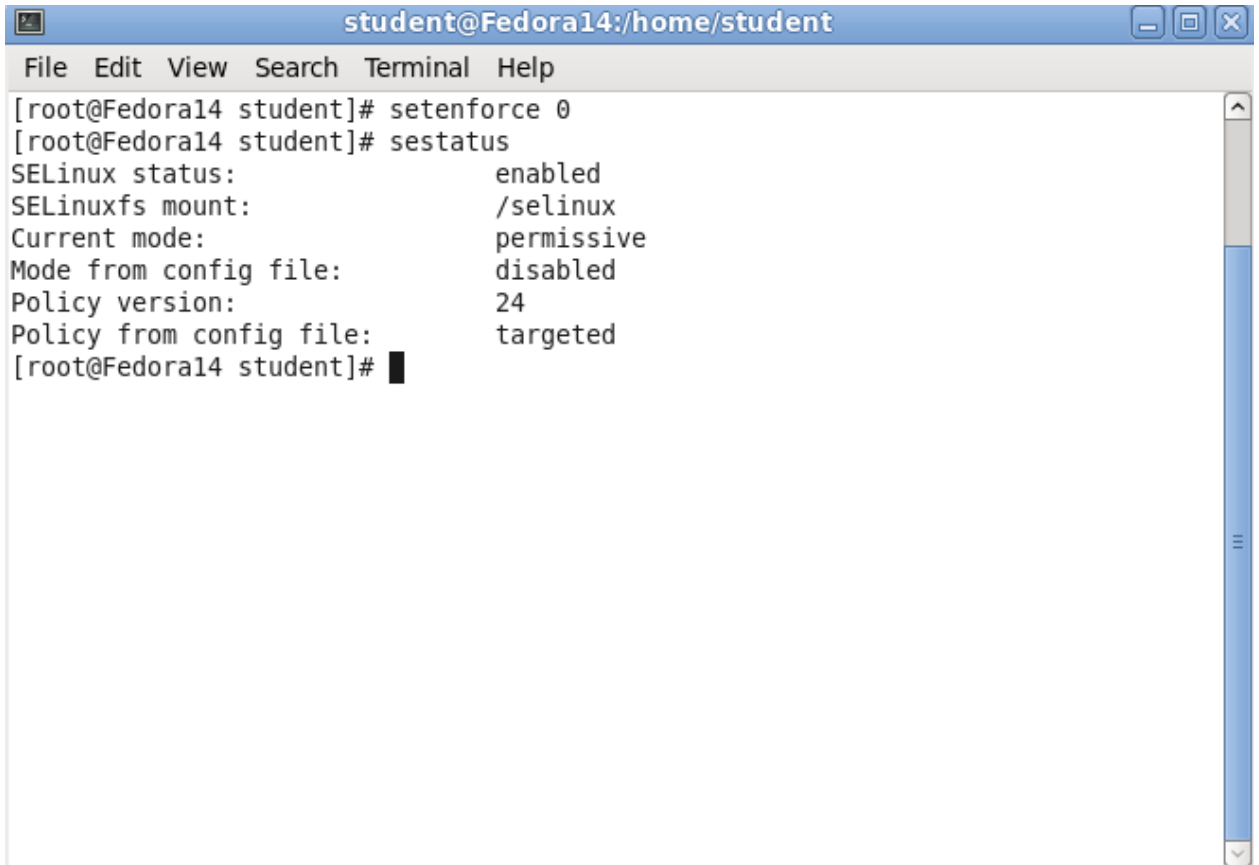
Отключение SELinux:

A Gedit text editor window titled 'config (/etc/selinux) - gedit' with a menu bar (File, Edit, View, Search, Tools, Documents, Help) and a toolbar. The file being edited is 'config'. The content of the file is a SELinux configuration file with comments explaining the values for 'SELINUX' and 'SELINUXTYPE'. The current value for 'SELINUX' is 'disabled' and for 'SELINUXTYPE' is 'targeted'. The status bar at the bottom shows 'Plain Text', 'Tab Width: 8', 'Ln 6, Col 17', and 'INS'.

```
config x
# This file controls the state of SELinux on the system.
# SELINUX= can take one of these three values:
#   enforcing - SELinux security policy is enforced.
#   permissive - SELinux prints warnings instead of enforcing.
#   disabled - SELinux is fully disabled.
SELINUX=disabled
# SELINUXTYPE= type of policy in use. Possible values are:
#   targeted - Only targeted network daemons are protected.
#   strict - Full SELinux protection.
SELINUXTYPE=targeted

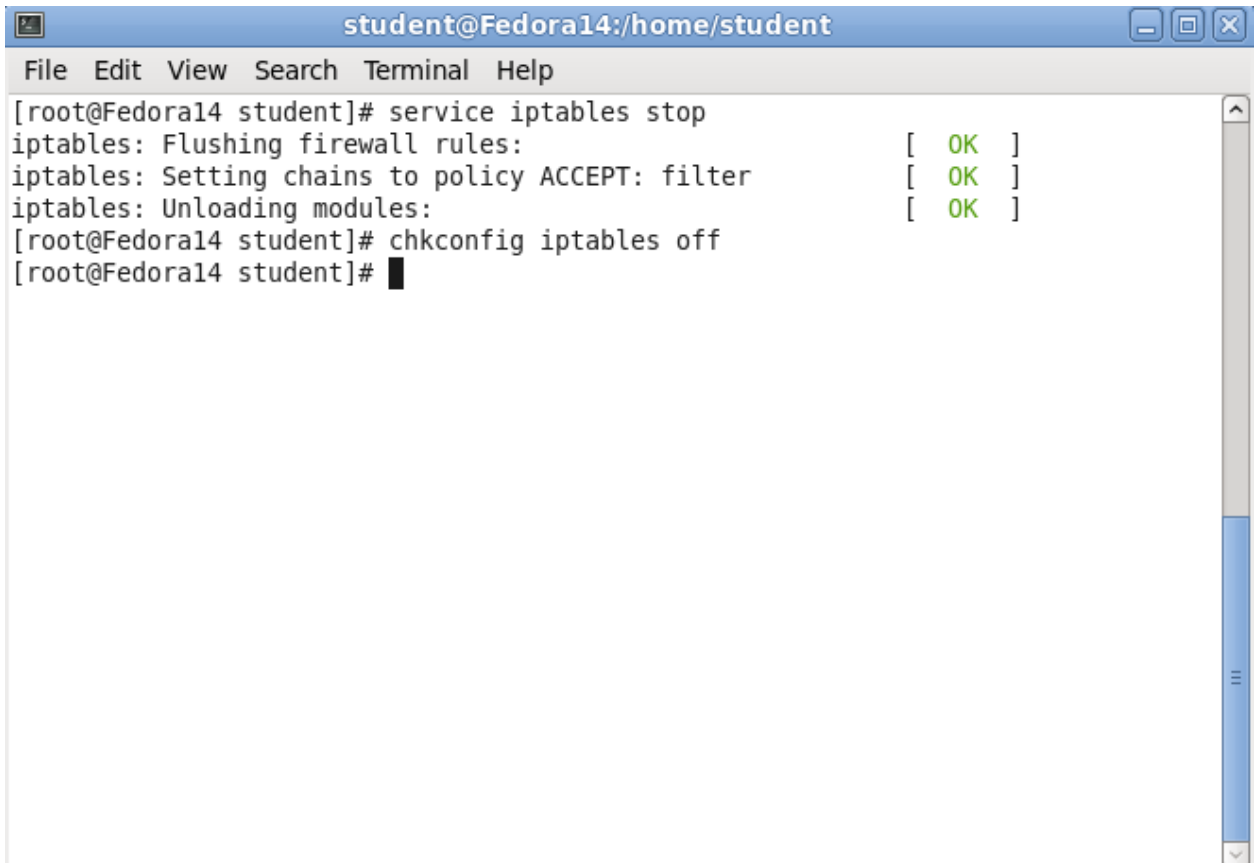
Plain Text ▾  Tab Width: 8 ▾  Ln 6, Col 17  INS
```

Изменяем режим запуска SELinux:

A terminal window titled 'student@Fedora14:/home/student' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[root@Fedora14 student]# setenforce 0
[root@Fedora14 student]# sestatus
SELinux status:                enabled
SELinuxfs mount:                /selinux
Current mode:                   permissive
Mode from config file:          disabled
Policy version:                 24
Policy from config file:        targeted
[root@Fedora14 student]#
```

Отключаем межсетевой экран:

A terminal window titled 'student@Fedora14:/home/student' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[root@Fedora14 student]# service iptables stop
iptables: Flushing firewall rules:      [ OK ]
iptables: Setting chains to policy ACCEPT: filter [ OK ]
iptables: Unloading modules:            [ OK ]
[root@Fedora14 student]# chkconfig iptables off
[root@Fedora14 student]#
```

Устанавливаем httpd.i686:

```
student@Fedora14:/home/student
File Edit View Search Terminal Help
Complete!
[root@Fedora14 student]# yum install httpd.i686
Loaded plugins: langpacks, presto, refresh-packagekit
Adding en_US to language list
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package httpd.i686 0:2.2.16-1.fc14 set to be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package Arch Version Repository Size
=====
Installing:
httpd i686 2.2.16-1.fc14 fedora 815 k
=====

Transaction Summary
=====
Install 1 Package(s)

Total download size: 815 k
Installed size: 2.7 M
```

Запускаем его и проверяем работоспособность:

```
student@Fedora14:/home/student
File Edit View Search Terminal Help
[root@Fedora14 student]# service httpd start
Starting httpd: httpd: Could not reliably determine the server's fully qualified
domain name, using ::1 for ServerName
[ OK ]

[root@Fedora14 student]# ps -eaf | grep httpd
root      8268      1  0 19:59 ?        00:00:00 /usr/sbin/httpd
apache    8271    8268  0 19:59 ?        00:00:00 /usr/sbin/httpd
apache    8272    8268  0 19:59 ?        00:00:00 /usr/sbin/httpd
apache    8273    8268  0 19:59 ?        00:00:00 /usr/sbin/httpd
apache    8274    8268  0 19:59 ?        00:00:00 /usr/sbin/httpd
apache    8275    8268  0 19:59 ?        00:00:00 /usr/sbin/httpd
apache    8276    8268  0 19:59 ?        00:00:00 /usr/sbin/httpd
apache    8277    8268  0 19:59 ?        00:00:00 /usr/sbin/httpd
apache    8278    8268  0 19:59 ?        00:00:00 /usr/sbin/httpd
root      8280   3424  3 19:59 pts/0    00:00:00 grep --color=auto httpd
[root@Fedora14 student]# chkconfig --level 2345 httpd on
[root@Fedora14 student]#
```

## Установка MySQL:

```
student@Fedora14:/home/student
File Edit View Search Terminal Help

[root@Fedora14 student]# yum install mysql.i686
Loaded plugins: langpacks, presto, refresh-packagekit
Adding en_US to language list
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package mysql.i686 0:5.1.51-2.fc14 set to be installed
--> Processing Dependency: mysql-libs = 5.1.51-2.fc14 for package: mysql-5.1.51-2.fc14.i686
--> Processing Dependency: perl(Sys::Hostname) for package: mysql-5.1.51-2.fc14.i686
--> Processing Dependency: perl(Exporter) for package: mysql-5.1.51-2.fc14.i686
--> Processing Dependency: libmysqlclient_r.so.16(libmysqlclient_16) for package: mysql-5.1.51-2.fc14.i686
--> Processing Dependency: libmysqlclient_r.so.16 for package: mysql-5.1.51-2.fc14.i686
--> Processing Dependency: perl(Getopt::Long) for package: mysql-5.1.51-2.fc14.i686
--> Processing Dependency: perl(Fcntl) for package: mysql-5.1.51-2.fc14.i686
--> Processing Dependency: perl(IPC::Open3) for package: mysql-5.1.51-2.fc14.i686
--> Processing Dependency: libmysqlclient.so.16 for package: mysql-5.1.51-2.fc14.i686

Running Transaction
  Installing      : 1:perl-Pod-Escapes-1.04-136.fc14.noarch                1/8
  Installing      : 1:perl-Module-Pluggable-3.90-136.fc14.noarch          2/8
  Installing      : 4:perl-libs-5.12.2-136.fc14.i686                     3/8
  Installing      : perl-threads-1.81-1.fc14.i686                        4/8
  Installing      : 1:perl-Pod-Simple-3.13-136.fc14.noarch                5/8
  Installing      : 4:perl-5.12.2-136.fc14.i686                          6/8
  Installing      : mysql-libs-5.1.51-2.fc14.i686                        7/8
  Installing      : mysql-5.1.51-2.fc14.i686                             8/8

Installed:
  mysql.i686 0:5.1.51-2.fc14

Dependency Installed:
  mysql-libs.i686 0:5.1.51-2.fc14
  perl.i686 4:5.12.2-136.fc14
  perl-Module-Pluggable.noarch 1:3.90-136.fc14
  perl-Pod-Escapes.noarch 1:1.04-136.fc14
  perl-Pod-Simple.noarch 1:3.13-136.fc14
  perl-libs.i686 4:5.12.2-136.fc14
  perl-threads.i686 0:1.81-1.fc14

Complete!
[root@Fedora14 student]#
```



## Установка mysql-server:

```
student@Fedora14:/home/student
File Edit View Search Terminal Help
[root@Fedora14 student]# yum install mysql-server
Loaded plugins: langpacks, presto, refresh-packagekit
Adding en_US to language list
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package mysql-server.i686 0:5.1.51-2.fc14 set to be installed
--> Processing Dependency: perl-DBI for package: mysql-server-5.1.51-2.fc14.i686
--> Processing Dependency: perl-DBD-MySQL for package: mysql-server-5.1.51-2.fc14.i686
--> Processing Dependency: perl(DBI) for package: mysql-server-5.1.51-2.fc14.i686
--> Running transaction check
--> Package perl-DBD-MySQL.i686 0:4.017-1.fc14 set to be installed
--> Package perl-DBI.i686 0:1.613-1.fc14 set to be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                Arch      Version              Repository    Size
=====
Installing:
mysql-server            i686      5.1.51-2.fc14        fedora        8.3 M
```

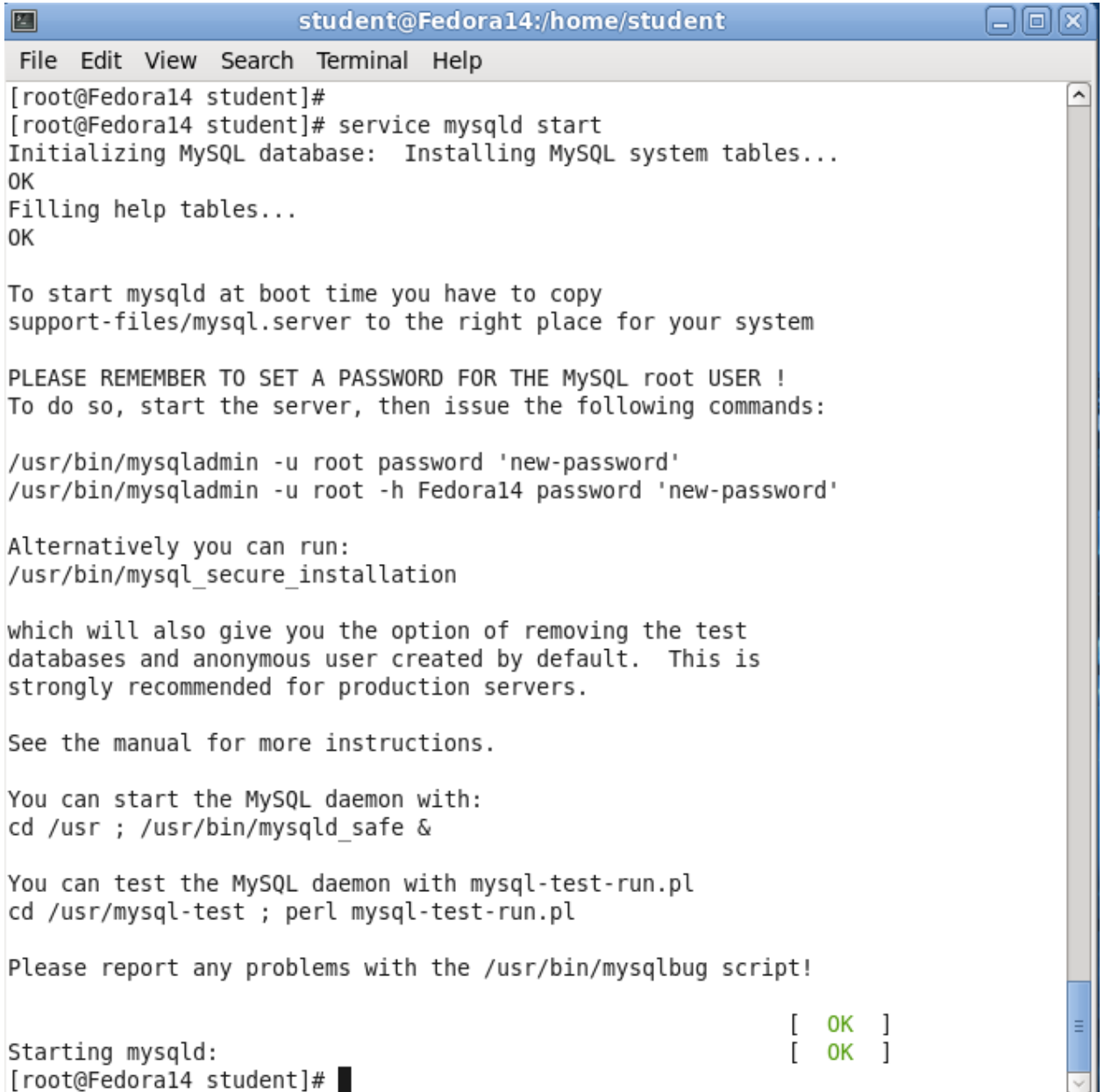
```
student@Fedora14:/home/student
File Edit View Search Terminal Help
Setting up and reading Presto delta metadata
Processing delta metadata
Package(s) data still to download: 9.2 M
(1/3): mysql-server-5.1.51-2.fc14.i686.rpm | 8.3 MB 00:52
(2/3): perl-DBD-MySQL-4.017-1.fc14.i686.rpm | 137 kB 00:00
(3/3): perl-DBI-1.613-1.fc14.i686.rpm | 775 kB 00:03
-----
Total                                     165 kB/s | 9.2 MB 00:57
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
  Installing      : perl-DBI-1.613-1.fc14.i686                      1/3
  Installing      : perl-DBD-MySQL-4.017-1.fc14.i686                2/3
  Installing      : mysql-server-5.1.51-2.fc14.i686                 3/3

Installed:
mysql-server.i686 0:5.1.51-2.fc14

Dependency Installed:
perl-DBD-MySQL.i686 0:4.017-1.fc14      perl-DBI.i686 0:1.613-1.fc14

Complete!
[root@Fedora14 student]#
```

Запускаем mysqld:

A terminal window titled 'student@Fedora14:/home/student' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal output shows the command 'service mysqld start' being executed. It displays the progress of MySQL initialization, including installing system tables and filling help tables. It provides instructions on setting a password for the root user and starting the daemon. The output ends with 'Starting mysqld:' and two green 'OK' status indicators.

```
student@Fedora14:/home/student
File Edit View Search Terminal Help
[root@Fedora14 student]#
[root@Fedora14 student]# service mysqld start
Initializing MySQL database: Installing MySQL system tables...
OK
Filling help tables...
OK

To start mysqld at boot time you have to copy
support-files/mysql.server to the right place for your system

PLEASE REMEMBER TO SET A PASSWORD FOR THE MySQL root USER !
To do so, start the server, then issue the following commands:

/usr/bin/mysqladmin -u root password 'new-password'
/usr/bin/mysqladmin -u root -h Fedora14 password 'new-password'

Alternatively you can run:
/usr/bin/mysql_secure_installation

which will also give you the option of removing the test
databases and anonymous user created by default. This is
strongly recommended for production servers.

See the manual for more instructions.

You can start the MySQL daemon with:
cd /usr ; /usr/bin/mysqld_safe &

You can test the MySQL daemon with mysql-test-run.pl
cd /usr/mysql-test ; perl mysql-test-run.pl

Please report any problems with the /usr/bin/mysqlbug script!

Starting mysqld:          [ OK ]
[root@Fedora14 student]# [ OK ]
```

Создаем пользователя root в базе данных вместе с паролем и сама база данных:



```
student@Fedora14:/home/student
File Edit View Search Terminal Help
[root@Fedora14 student]# chkconfig --level 2345 mysqld on
[root@Fedora14 student]# mysqladmin -u root password dvwaPASSWORD
[root@Fedora14 student]# mysql -uroot -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 3
Server version: 5.1.51 Source distribution

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and you are welcome to modify and redistribute it under the GPL v2 license

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database dvwa;
Query OK, 1 row affected (0.00 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| dvwa |
| mysql |
| test |
+-----+
4 rows in set (0.00 sec)

mysql> quit
```

Установка PHP:

```
student@Fedora14:/home/student
File Edit View Search Terminal Help

[root@Fedora14 student]# yum install php.i686
Loaded plugins: langpacks, presto, refresh-packagekit
Adding en_US to language list
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package php.i686 0:5.3.3-1.fc14 set to be installed
--> Processing Dependency: php-cli = 5.3.3-1.fc14 for package: php-5.3.3-1.fc14.i686
--> Processing Dependency: php-common = 5.3.3-1.fc14 for package: php-5.3.3-1.fc14.i686
--> Running transaction check
---> Package php-cli.i686 0:5.3.3-1.fc14 set to be installed
---> Package php-common.i686 0:5.3.3-1.fc14 set to be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                Arch      Version      Repository      Size
=====
Installing:
php                    i686      5.3.3-1.fc14 fedora          1.1 M
Installing for dependencies:
php-cli                i686      5.3.3-1.fc14 fedora          2.3 M
php-common              i686      5.3.3-1.fc14 fedora          521 k
=====

Transaction Summary
=====
Install      3 Package(s)

Total download size: 3.9 M
Installed size: 13 M
Is this ok [y/N]: y
Downloading Packages:
```

```
student@Fedora14:/home/student
File Edit View Search Terminal Help
Installing for dependencies:
php-cli          i686          5.3.3-1.fc14          fedora          2.3 M
php-common       i686          5.3.3-1.fc14          fedora          521 k

Transaction Summary
=====
Install          3 Package(s)

Total download size: 3.9 M
Installed size: 13 M
Is this ok [y/N]: y
Downloading Packages:
Setting up and reading Presto delta metadata
Processing delta metadata
Package(s) data still to download: 3.9 M
(1/3): php-5.3.3-1.fc14.i686.rpm          | 1.1 MB      00:07
(2/3): php-cli-5.3.3-1.fc14.i686.rpm      | 2.3 MB      00:11
(3/3): php-common-5.3.3-1.fc14.i686.rpm   | 521 kB      00:04
-----
Total                                     166 kB/s | 3.9 MB      00:23
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
  Installing      : php-common-5.3.3-1.fc14.i686          1/3
  Installing      : php-cli-5.3.3-1.fc14.i686            2/3
  Installing      : php-5.3.3-1.fc14.i686                3/3

Installed:
php.i686 0:5.3.3-1.fc14

Dependency Installed:
php-cli.i686 0:5.3.3-1.fc14          php-common.i686 0:5.3.3-1.fc14

Complete!
[root@Fedora14 student]#
```

Установка php-mysql:

```
student@Fedora14:/home/student
File Edit View Search Terminal Help
[root@Fedora14 student]# yum install php-mysql
Loaded plugins: langpacks, presto, refresh-packagekit
Adding en_US to language list
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package php-mysql.i686 0:5.3.3-1.fc14 set to be installed
--> Processing Dependency: php-pdo for package: php-mysql-5.3.3-1.fc14.i686
--> Running transaction check
--> Package php-pdo.i686 0:5.3.3-1.fc14 set to be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package Arch Version Repository Size
=====
Installing:
php-mysql i686 5.3.3-1.fc14 fedora 75 k
Installing for dependencies:
php-pdo i686 5.3.3-1.fc14 fedora 70 k
Transaction Summary
=====
Install 2 Package(s)

Total download size: 145 k
Installed size: 341 k
Is this ok [y/N]: █
```

```
student@Fedora14:/home/student
File Edit View Search Terminal Help
=====
Installing:
php-mysql      i686      5.3.3-1.fc14      fedora      75 k
Installing for dependencies:
php-pdo        i686      5.3.3-1.fc14      fedora      70 k
=====
Transaction Summary
=====
Install      2 Package(s)

Total download size: 145 k
Installed size: 341 k
Is this ok [y/N]: y
Downloading Packages:
Setting up and reading Presto delta metadata
Processing delta metadata
Package(s) data still to download: 145 k
(1/2): php-mysql-5.3.3-1.fc14.i686.rpm      | 75 kB      00:00
(2/2): php-pdo-5.3.3-1.fc14.i686.rpm      | 70 kB      00:00
-----
Total                                          125 kB/s | 145 kB      00:01
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
  Installing      : php-pdo-5.3.3-1.fc14.i686      1/2
  Installing      : php-mysql-5.3.3-1.fc14.i686    2/2

Installed:
php-mysql.i686 0:5.3.3-1.fc14

Dependency Installed:
php-pdo.i686 0:5.3.3-1.fc14

Complete!
[root@Fedora14 student]#
```

Установка php-pear:

```
student@Fedora14:/home/student
File Edit View Search Terminal Help
[root@Fedora14 student]# yum install php-pear php-pear-DB
Loaded plugins: langpacks, presto, refresh-packagekit
Adding en_US to language list
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package php-pear.noarch 1:1.9.1-2.fc14 set to be installed
---> Package php-pear-DB.noarch 0:1.7.13-3.fc12 set to be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                Arch          Version           Repository        Size
=====
Installing:
php-pear                noarch        1:1.9.1-2.fc14    fedora            390 k
php-pear-DB             noarch        1.7.13-3.fc12     fedora            94 k
=====

Transaction Summary
=====
Install      2 Package(s)

Total download size: 484 k
Installed size: 2.9 M
Is this ok [y/N]: y
Downloading Packages:
Setting up and reading Presto delta metadata
Processing delta metadata
Package(s) data still to download: 484 k
(1/2): php-pear-1.9.1-2.fc14.noarch.rpm | 390 kB 00:00
(2/2): php-pear-DB-1.7.13-3.fc12.noarch.rpm | 94 kB 00:00
-----
Total                                     324 kB/s | 484 kB 00:01
Running rpm_check_debug
Running Transaction Test
```

Установка wget:

```
student@Fedora14:/home/student
File Edit View Search Terminal Help
[root@Fedora14 student]# yum install wget
Loaded plugins: langpacks, presto, refresh-packagekit
Adding en_US to language list
Setting up Install Process
Package wget-1.12-2.fc13.i686 already installed and latest version
Nothing to do
[root@Fedora14 student]# █
```



## Установка DVWA:

```
student@Fedora14:/var/www/html
File Edit View Search Terminal Help

[root@Fedora14 student]# cd /var/www/html/
[root@Fedora14 html]# wget http://www.computersecuritystudent.com/SECURITY_TOOLS/DVWA/DVWAv107/lesson1/DVWA-1.0.7.zip
--2024-02-14 20:37:34-- http://www.computersecuritystudent.com/SECURITY_TOOLS/DVWA/DVWAv107/lesson1/DVWA-1.0.7.zip
Resolving www.computersecuritystudent.com... 108.210.130.146
Connecting to www.computersecuritystudent.com|108.210.130.146|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 1363062 (1.3M) [application/zip]
Saving to: "DVWA-1.0.7.zip"

100%[=====>] 1,363,062 478K/s in 2.8s

2024-02-14 20:37:38 (478 KB/s) - "DVWA-1.0.7.zip" saved [1363062/1363062]

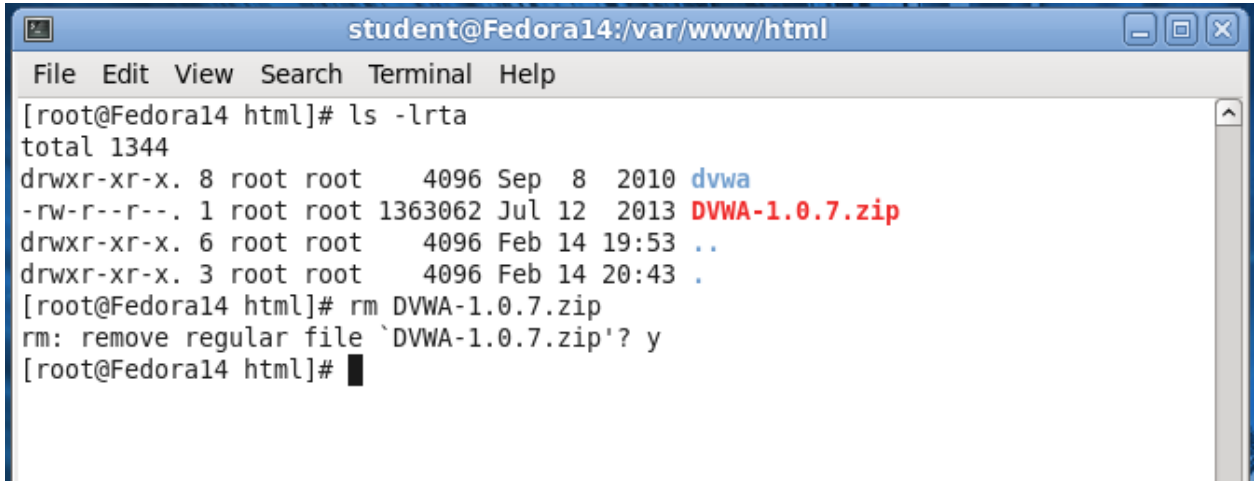
[root@Fedora14 html]# █
```

## Разархивируем:

```
student@Fedora14:/var/www/html
File Edit View Search Terminal Help

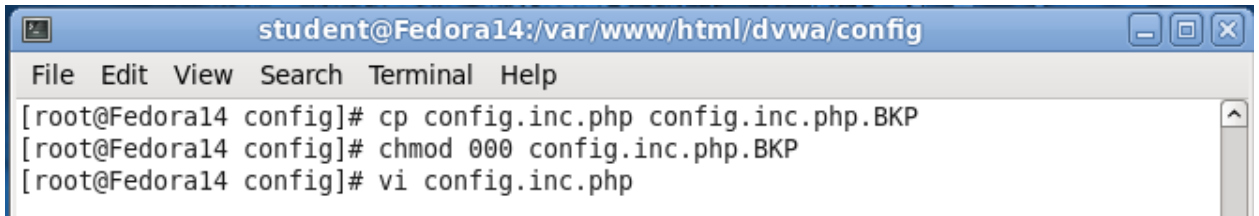
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/HTML.Proprietary.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/HTML.SafeEmbed.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/HTML.SafeObject.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/HTML.Strict.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/HTML.TidyAdd.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/HTML.TidyLevel.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/HTML.TidyRemove.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/HTML.Trusted.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/HTML.XHTML.txt
  extracting: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/HTML.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/Output.CommentScriptContents.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/Output.Newline.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/Output.SortAttr.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/Output.TidyFormat.txt
  extracting: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/Output.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/Test.ForceNoIconv.txt
  extracting: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/Test.txt
  inflating: dvwa/external/phpids/0.6/lib/IDS/vendors/htmlpurifier/HTMLPurifier/
ConfigSchema/schema/URI.AllowedSchemes.txt
```

Удаляем ненужный архив:

A terminal window titled 'student@Fedora14:/var/www/html' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[root@Fedora14 html]# ls -lrta
total 1344
drwxr-xr-x. 8 root root    4096 Sep  8  2010 dvwa
-rw-r--r--. 1 root root 1363062 Jul 12  2013 DVWA-1.0.7.zip
drwxr-xr-x. 6 root root    4096 Feb 14 19:53 ..
drwxr-xr-x. 3 root root    4096 Feb 14 20:43 .
[root@Fedora14 html]# rm DVWA-1.0.7.zip
rm: remove regular file `DVWA-1.0.7.zip'? y
[root@Fedora14 html]#
```

Делаем резервную копию файла:

A terminal window titled 'student@Fedora14:/var/www/html/dvwa/config' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[root@Fedora14 config]# cp config.inc.php config.inc.php.BKP
[root@Fedora14 config]# chmod 000 config.inc.php.BKP
[root@Fedora14 config]# vi config.inc.php
```

Настраиваем конфигурационный файл:

```
student@Fedora14:/var/www/html/dvwa/config
File Edit View Search Terminal Help
<?php

# If you are having problems connecting to the MySQL database and all of the variables below are correct
# try changing the 'db_server' variable from localhost to 127.0.0.1. Fixes a problem due to sockets.
# Thanks to digininja for the fix.

# Database management system to use

$DBMS = 'MySQL';
#$DBMS = 'PGSQL';

# Database variables

$_DVWA = array();
$_DVWA[ 'db_server' ] = 'localhost';
$_DVWA[ 'db_database' ] = 'dvwa';
$_DVWA[ 'db_user' ] = 'root';
$_DVWA[ 'db_password' ] = 'dvwaPASSWORD';

# Only needed for PGSQL
$_DVWA[ 'db_port' ] = '5432';

?>:wq!

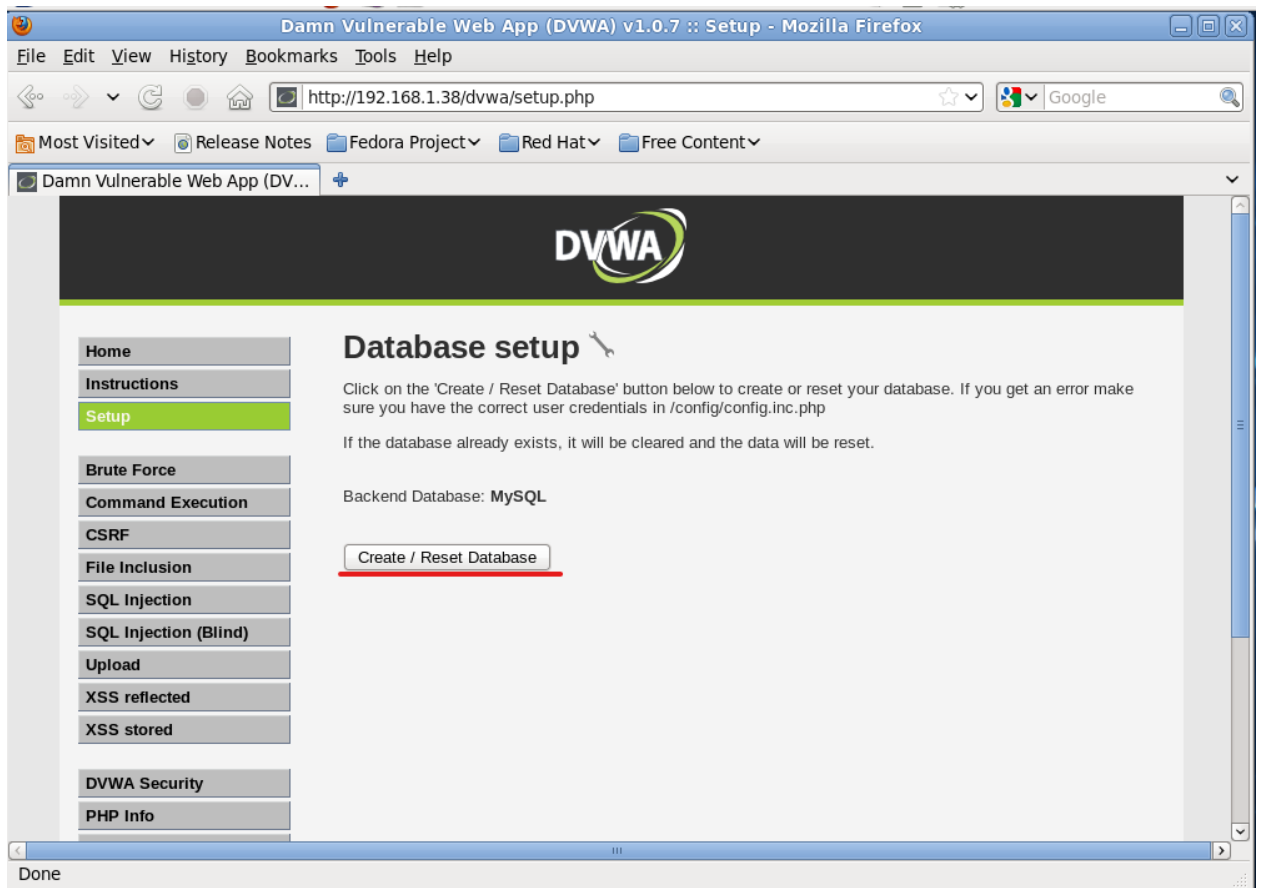
-- INSERT --
```

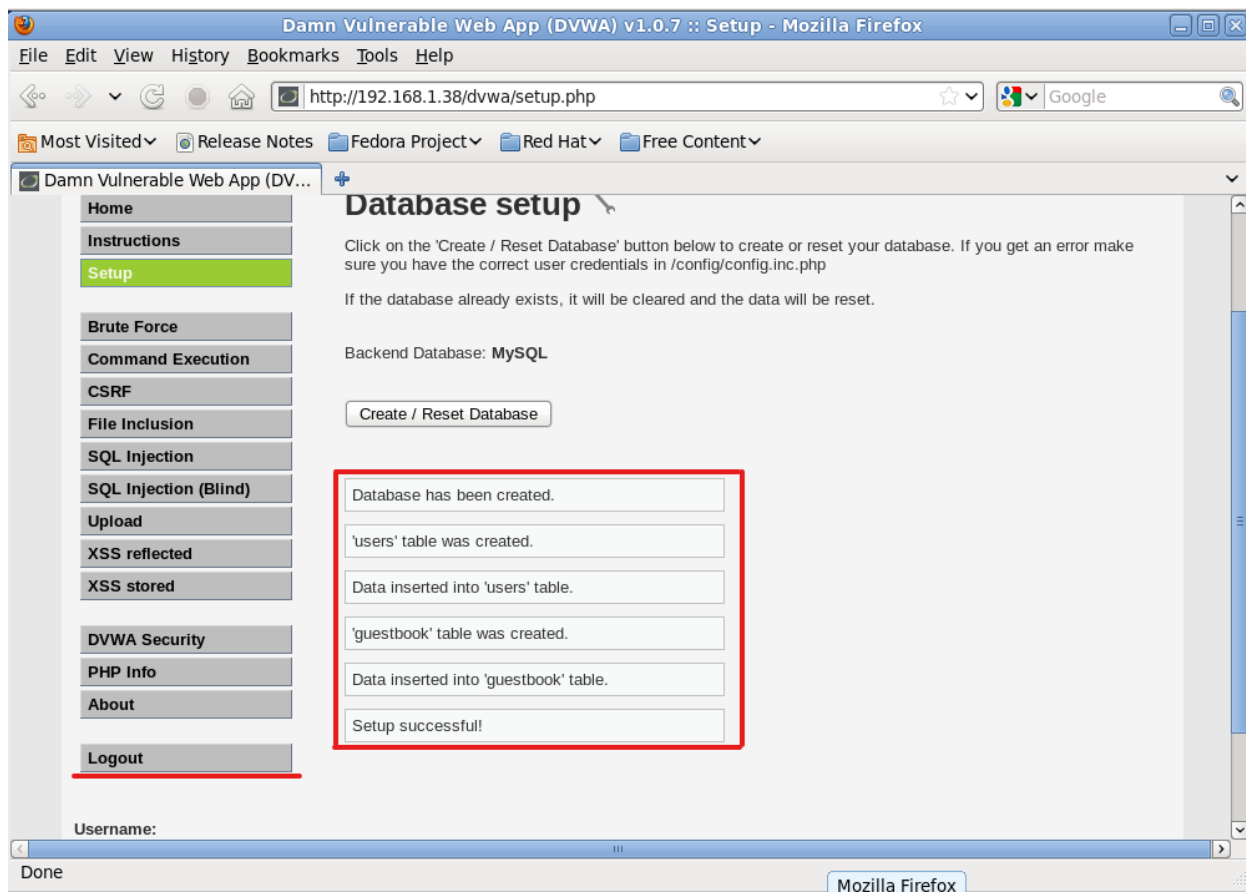
Перезапуск apache:

```
student@Fedora14:/var/www/html/dvwa/config
File Edit View Search Terminal Help
[root@Fedora14 config]# service httpd restart
Stopping httpd: [ OK ]
Starting httpd: httpd: Could not reliably determine the server's fully qualified domain name, using ::1 for ServerName [ OK ]

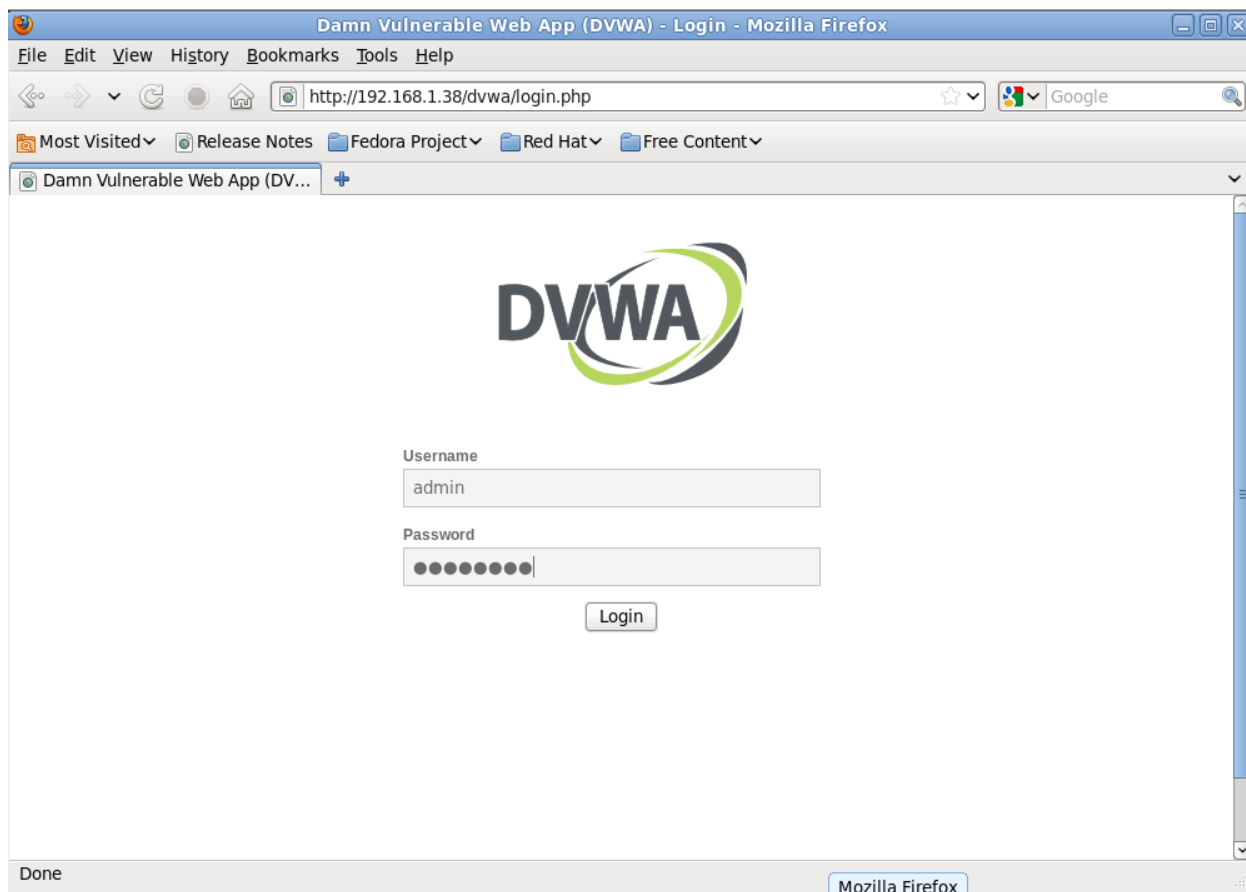
[root@Fedora14 config]# ps -eaf | grep -v | grep httpd
Usage: grep [OPTION]... PATTERN [FILE]...
Try 'grep --help' for more information.
[root@Fedora14 config]# ps -eaf | grep -v grep | grep httpd
root      8613      1  0  20:50 ?        00:00:00 /usr/sbin/httpd
apache    8616    8613  0  20:50 ?        00:00:00 /usr/sbin/httpd
apache    8617    8613  0  20:50 ?        00:00:00 /usr/sbin/httpd
apache    8618    8613  0  20:50 ?        00:00:00 /usr/sbin/httpd
apache    8619    8613  0  20:50 ?        00:00:00 /usr/sbin/httpd
apache    8620    8613  0  20:50 ?        00:00:00 /usr/sbin/httpd
apache    8621    8613  0  20:50 ?        00:00:00 /usr/sbin/httpd
apache    8622    8613  0  20:50 ?        00:00:00 /usr/sbin/httpd
apache    8623    8613  0  20:50 ?        00:00:00 /usr/sbin/httpd
[root@Fedora14 config]#
```

## Настройка сервера DVWA:





Производим вход в DVWA:



Отчет о работе:

```
student@Fedora14:/var/www/html/dvwa/config
File Edit View Search Terminal Help
[root@Fedora14 config]# echo "select user, password from dvwa.users;" | mysql -uroot -pdvwaPASSWORD
user      password
admin     5f4dcc3b5aa765d61d8327deb882cf99
gordonb   e99a18c428cb38d5f260853678922e03
1337      8d3533d75ae2c3966d7e0d4fcc69216b
pablo     0d107d09f5bbe40cade3de5c71e9e9b7
smithy    5f4dcc3b5aa765d61d8327deb882cf99
[root@Fedora14 config]# date
Wed Feb 14 20:58:00 MSK 2024
[root@Fedora14 config]# echo "senokosovvv"
senokosovvv
[root@Fedora14 config]#
```