APACHE
ServerConfiguration

- Web Server is responsible for hosting websites.
- Web hosting can be done via tools such as IIS, Apache ,tomcat etc.
- Web server is also be called on File sharing Server.
- Web hosting can be done either via dynamically or statically.
- Dynamic web hosting is done via WSGI , web server Gateway Interface .
- It works on http or https
- https works on port no 443.
- http works on port no 80.

- RHEL6 includes Apache version 2.2
- Apache is the most popular, secure, robust, reliable and powerful web server.

Profile

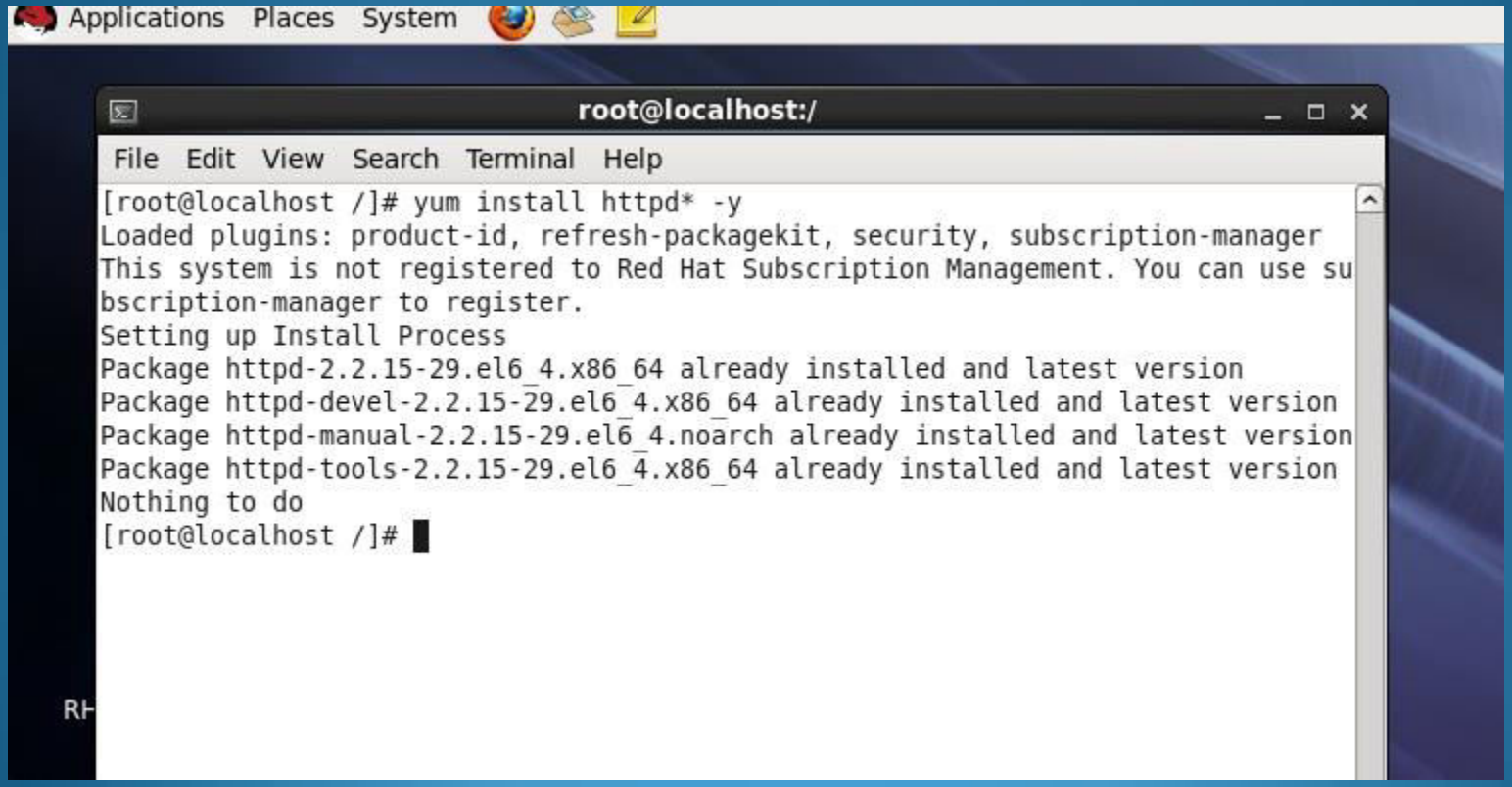
- Use : Hosting a web site.
- Package : httpd
- Port : 80/http, 443/https
- Configuration file : /etc/httpd/conf/httpd.conf
- Document root : /var/www/html
- Daemon : httpd
- Script : /etc/init.d/httpd

Three types

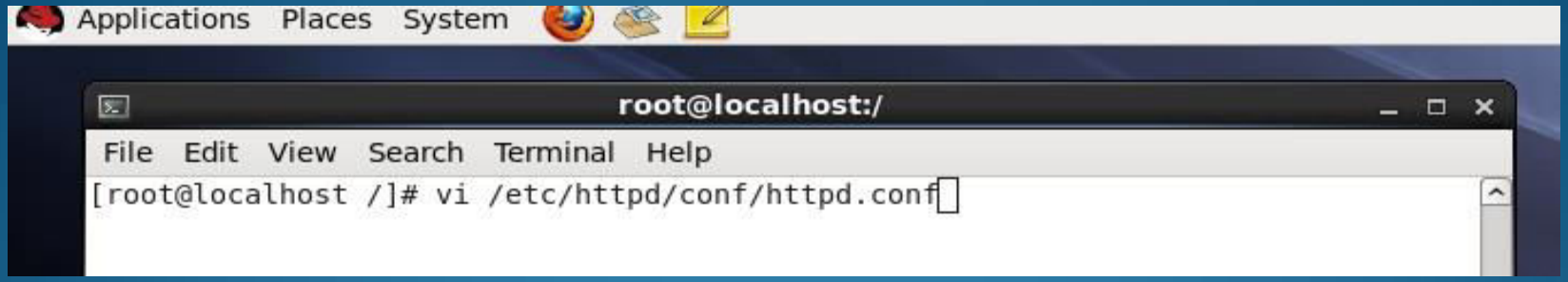
- Name-based (single ip and many websites)
- IP-based (single website and many IP's)
- Port-based (Hosting with different port no's)

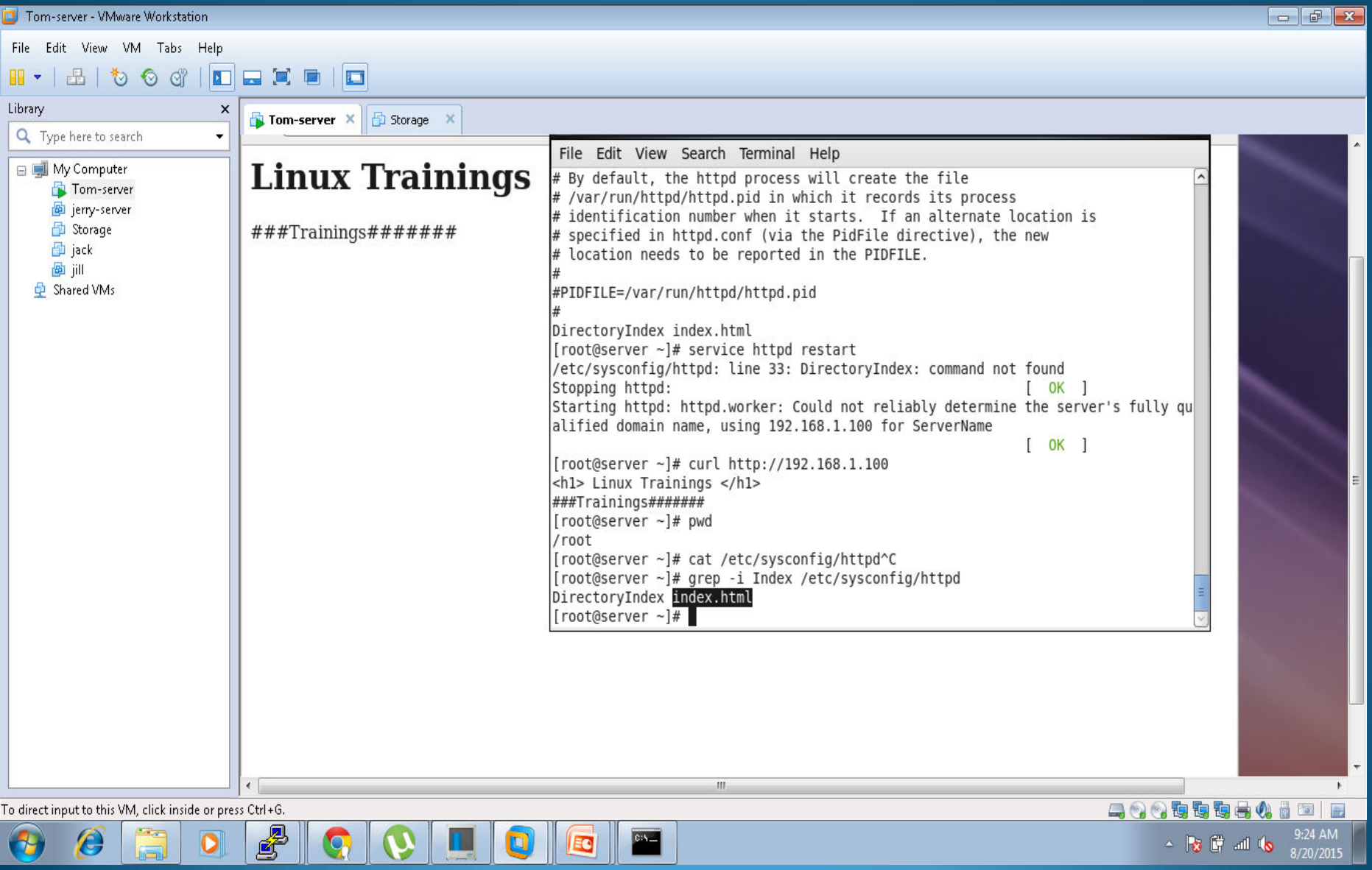
Configuration steps

- Install the package for apache web server



- Navigate to /etc/httpd/conf/httpd.conf file and copy the last 7 lines and edit as follows.

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By default, the httpd process will create the file
/var/run/httpd/httpd.pid in which it records its process
identification number when it starts. If an alternate location is
specified in httpd.conf (via the PidFile directive), the new
location needs to be reported in the PIDFILE.
#
#PIDFILE=/var/run/httpd/httpd.pid
#
DirectoryIndex index.html
[root@server ~]# service httpd restart
/etc/sysconfig/httpd: line 33: DirectoryIndex: command not found
Stopping httpd: [OK]
Starting httpd: httpd.worker: Could not reliably determine the server's fully qu
alified domain name, using 192.168.1.100 for ServerName
[OK]
[root@server ~]# curl http://192.168.1.100
<h1> Linux Trainings </h1>
###Trainings#######
[root@server ~]# pwd
/root
[root@server ~]# cat /etc/sysconfig/httpd^C
[root@server ~]# grep -i Index /etc/sysconfig/httpd
DirectoryIndex index.html
[root@server ~]#
To direct input to this VM, click inside or press Ctrl+G.
9:24 AM
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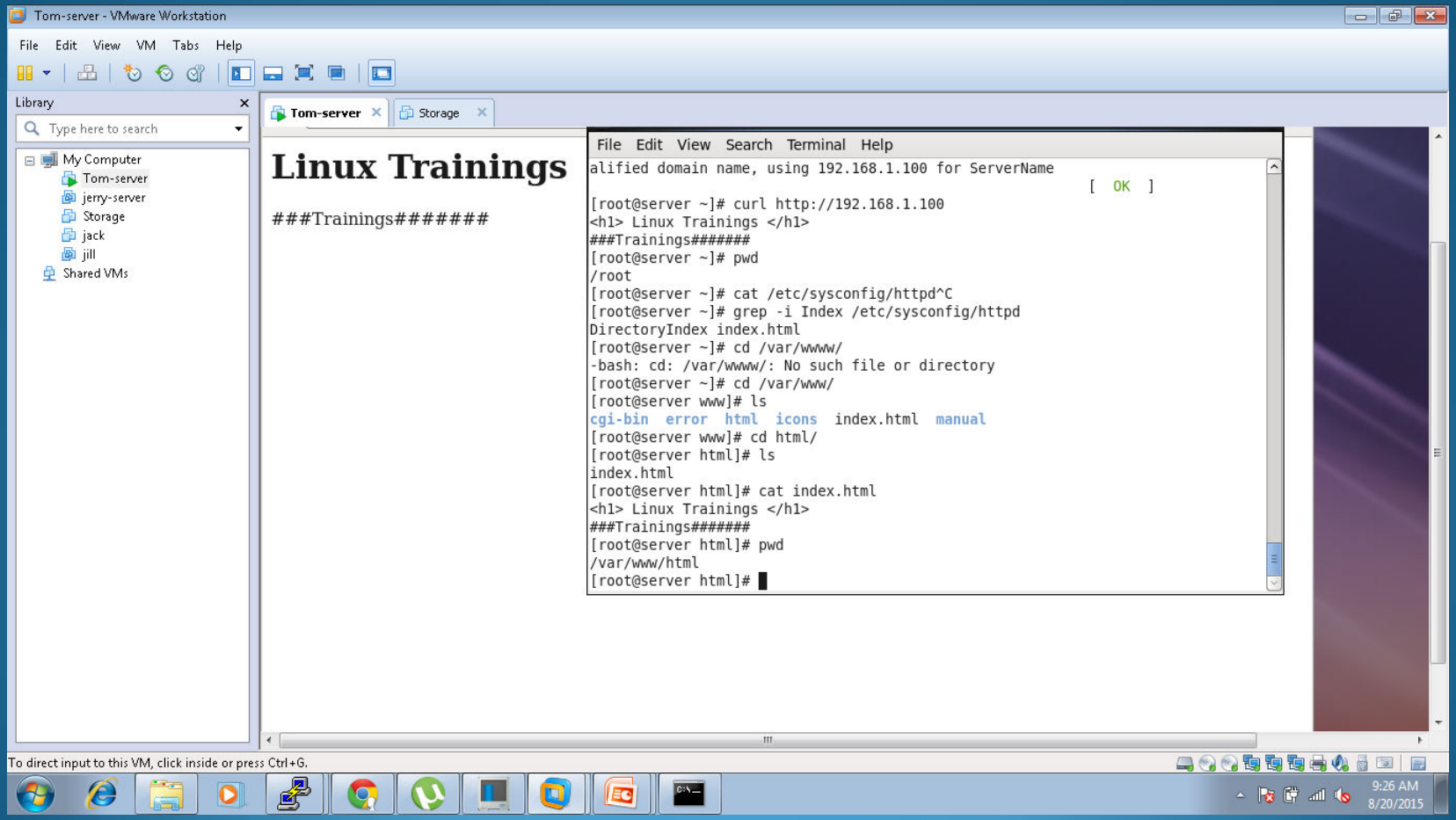
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[root@server ~]# grep -i Index /etc/sysconfig/httpd
DirectoryIndex index.html
[root@server ~]# cd /var/wwww/
-bash: cd: /var/wwww/: No such file or directory
[root@server ~]# cd /var/www/
[root@server www]# ls
cgi-bin error html icons index.html manual
[root@server www]# cd html/
[root@server html]# ls
index.html
[root@server html]# cat index.html
<h1> Linux Trainings </h1>
###Trainings#######
[root@server html]# pwd
/var/www/html
[root@server html]#
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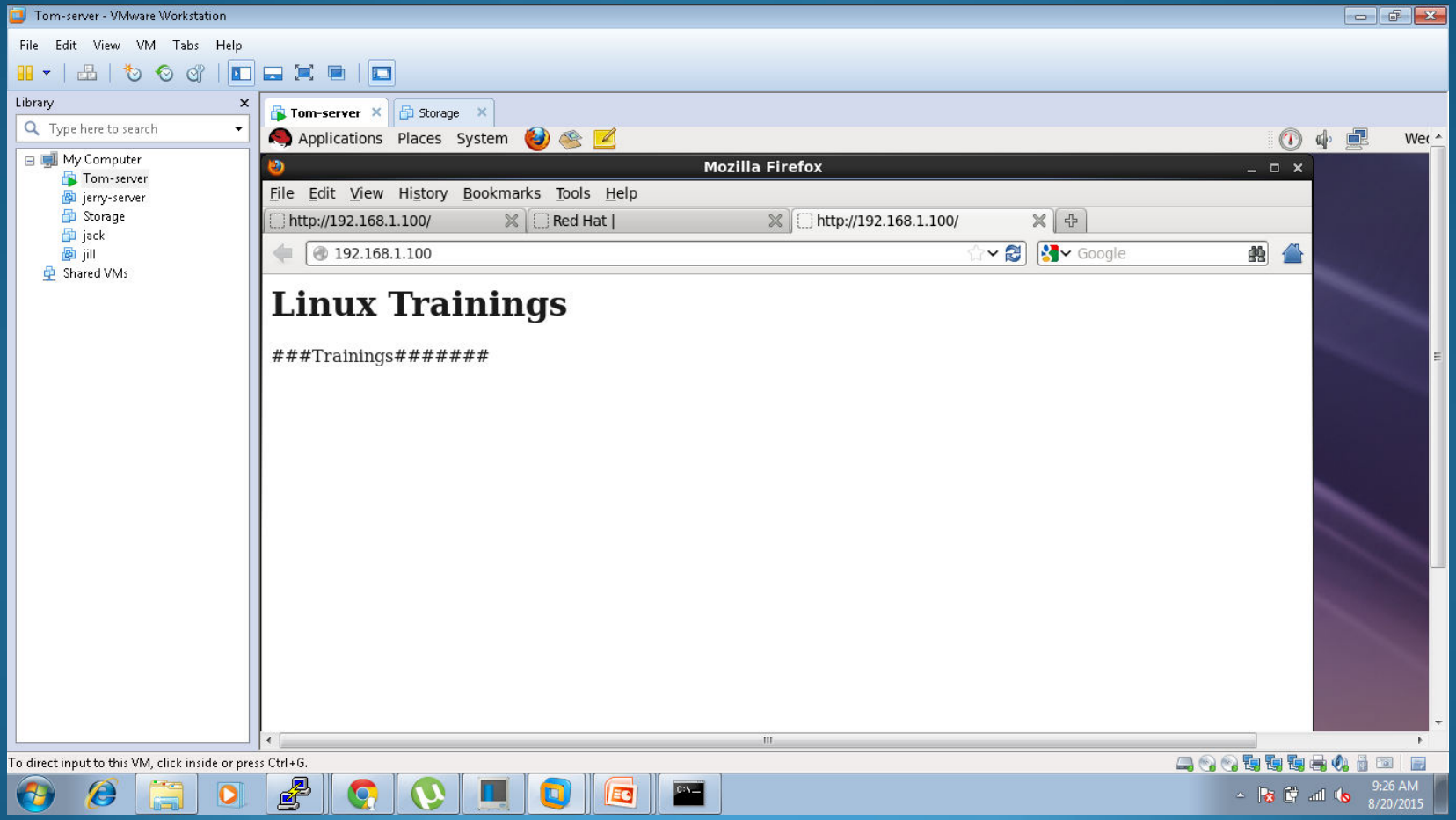
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Applications Places System
Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://192.168.1.100/
Red Hat |
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To check from commandline

- [root@server ~]# curl http://192.168.1.100
- <h1> Linux Trainings </h1>
- ###Trainings#######