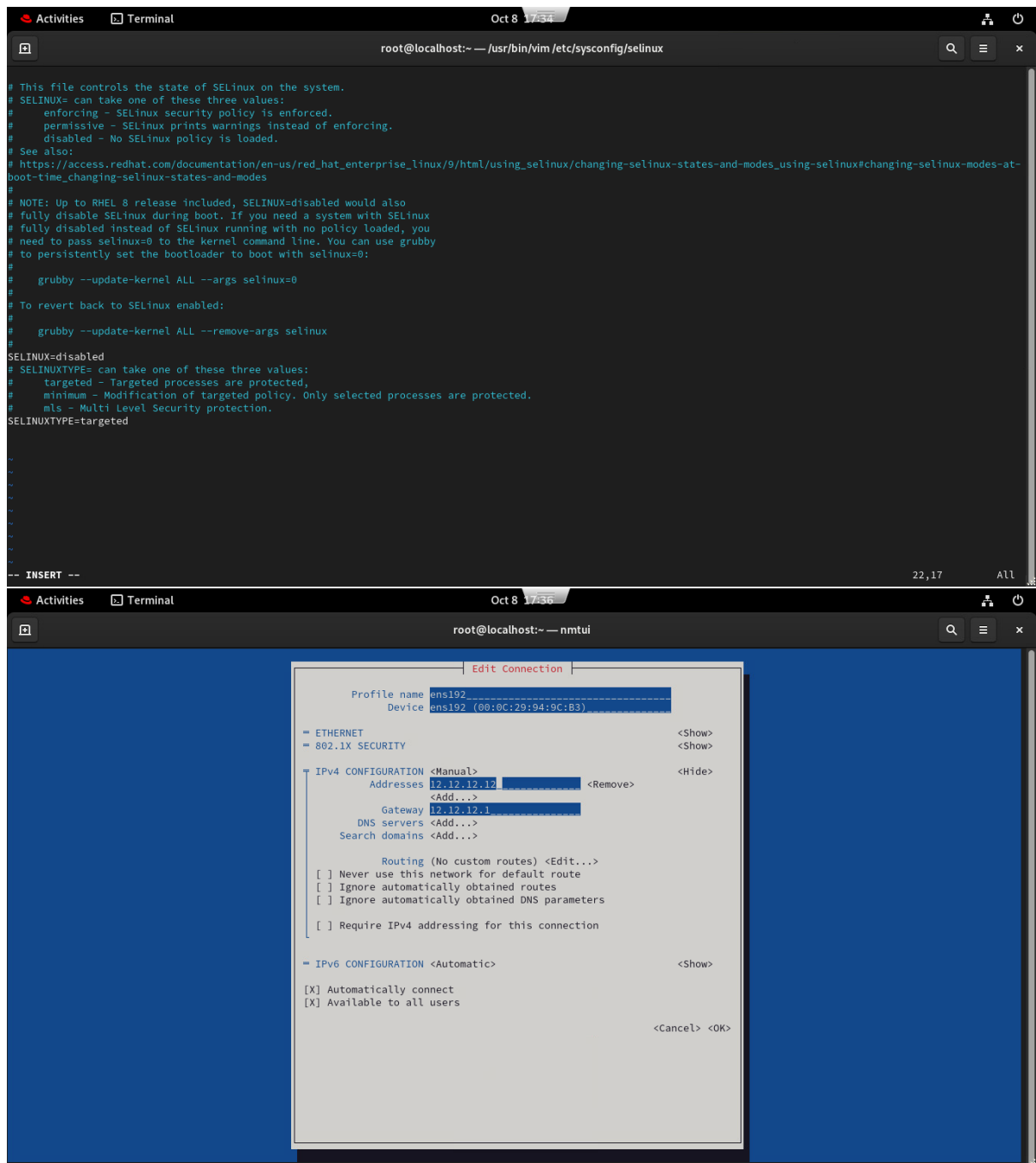


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```
Oct 8 17:42
root@localhost:~ — /usr/bin/vim /etc/yum.repos.d/redhat.repo

# Certificate-Based Repositories
# Managed by (rhsm) subscription-manager
#
# *** This file is auto-generated. Changes made here will be over-written. ***
# *** Use "subscription-manager repo-override --help" if you wish to make changes. ***
#
# If this file is empty and this system is subscribed consider
# a "yum repolist" to refresh available repos
#
[base]
name=baseos
baseurl=file:///run/media/root/RHEL-9-3-0-BaseOS-x86_64/BaseOS
gpgcheck=0

[app]
name=appstream
baseurl=file:///run/media/root/RHEL-9-3-0-BaseOS-x86_64/AppStream
gpgcheck=0

-- INSERT --
20,1 All

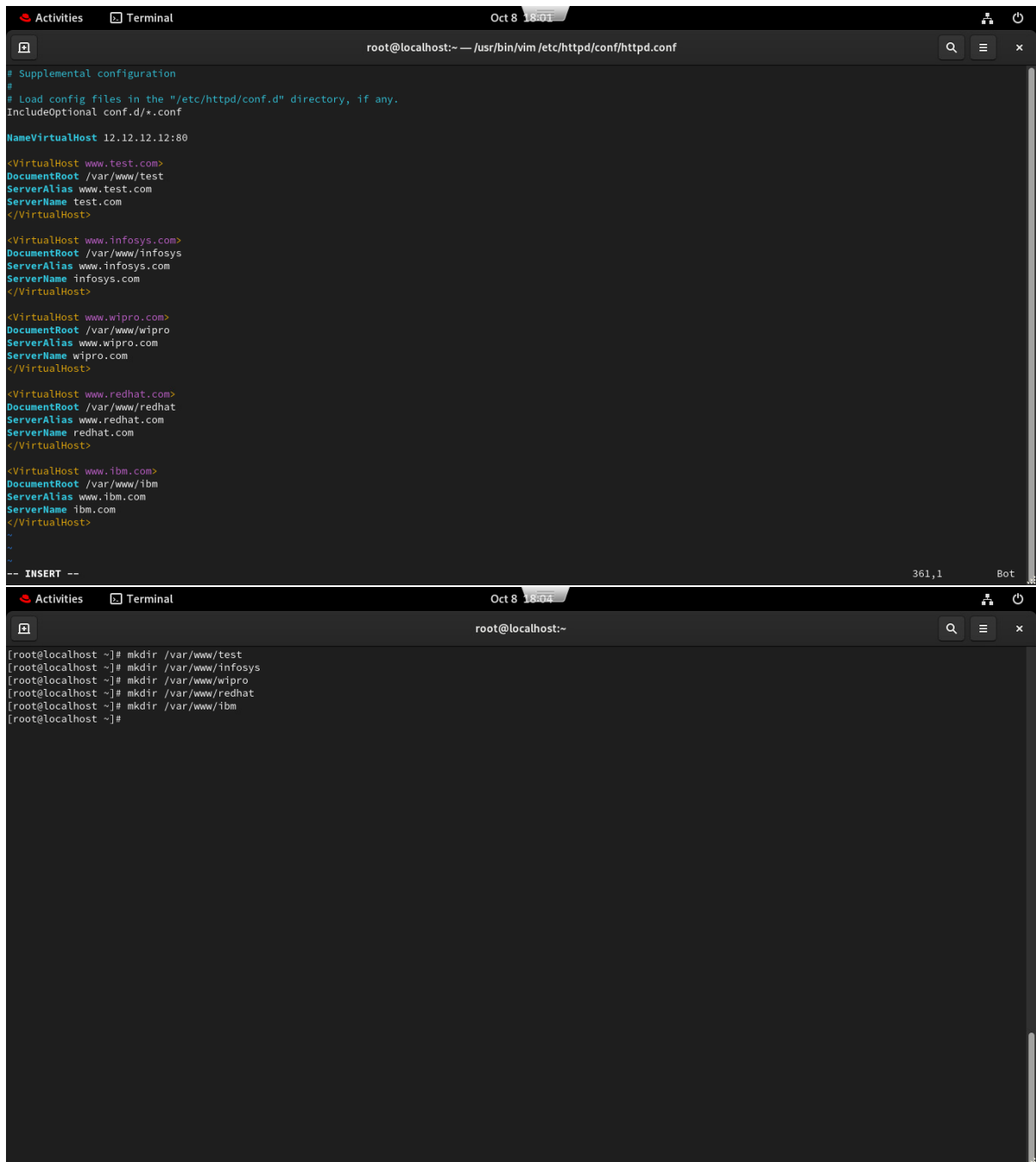
Oct 8 17:44
root@localhost:~ — /usr/bin/python3.9 /usr/bin/dnf install httpd*

This system is not registered with an entitlement server. You can use subscription-manager to register.

baseos 104 MB/s | 2.0 MB 00:00
appstream 62 MB/s | 6.5 MB 00:00
Dependencies resolved.
=====
Package Architecture Version Repository Size
=====
Installing:
httpd x86_64 2.4.57-5.el9 app 52 k
httpd-core x86_64 2.4.57-5.el9 app 1.5 M
httpd-devel x86_64 2.4.57-5.el9 app 211 k
httpd filesystem noarch 2.4.57-5.el9 app 16 k
httpd-manual noarch 2.4.57-5.el9 app 2.3 M
httpd-tools x86_64 2.4.57-5.el9 app 87 k
Installing dependencies:
apr x86_64 1.7.0-11.el9 app 127 k
apr-devel x86_64 1.7.0-11.el9 app 234 k
apr-util x86_64 1.6.1-23.el9 app 97 k
apr-util-bdb x86_64 1.6.1-23.el9 app 14 k
apr-util-devel x86_64 1.6.1-23.el9 app 79 k
cyrus-sasl x86_64 2.1.27-21.el9 base 77 k
cyrus-sasl-devel x86_64 2.1.27-21.el9 app 117 k
expat-devel x86_64 2.5.0-1.el9 app 57 k
libdb-devel x86_64 5.3.28-53.el9 app 40 k
openldap-devel x86_64 2.6.3-1.el9 app 751 k
redhat-logos-httpd noarch 90.4-2.el9 app 18 k
Installing weak dependencies:
apr-util-openssl x86_64 1.6.1-23.el9 app 17 k
mod_http2 x86_64 1.15.19-5.el9 app 152 k
mod_lua x86_64 2.4.57-5.el9 app 62 k
Transaction Summary
=====
Install 20 Packages

Total size: 6.0 M
Installed size: 20 M
Is this ok [y/N]:
```

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The image displays two screenshots of a Linux terminal window. The top screenshot shows the configuration of the Apache httpd.conf file using the vim editor. The configuration includes supplemental configuration files, virtual host settings for test.com, infosys.com, wipro.com, redhat.com, and ibm.com, each with its own document root and server name. The bottom screenshot shows the execution of mkdir commands to create the necessary directory structure for these virtual hosts.

```
root@localhost:~ - /usr/bin/vim /etc/httpd/conf/httpd.conf

# Supplemental configuration
#
# Load config files in the "/etc/httpd/conf.d" directory, if any.
IncludeOptional conf.d/*.conf

NameVirtualHost 12.12.12.12:80

<VirtualHost www.test.com>
DocumentRoot /var/www/test
ServerAlias www.test.com
ServerName test.com
</VirtualHost>

<VirtualHost www.infosys.com>
DocumentRoot /var/www/infosys
ServerAlias www.infosys.com
ServerName infosys.com
</VirtualHost>

<VirtualHost www.wipro.com>
DocumentRoot /var/www/wipro
ServerAlias www.wipro.com
ServerName wipro.com
</VirtualHost>

<VirtualHost www.redhat.com>
DocumentRoot /var/www/redhat
ServerAlias www.redhat.com
ServerName redhat.com
</VirtualHost>

<VirtualHost www.ibm.com>
DocumentRoot /var/www/ibm
ServerAlias www.ibm.com
ServerName ibm.com
</VirtualHost>
~
~
~
-- INSERT --
```

```
root@localhost:~# mkdir /var/www/test
root@localhost:~# mkdir /var/www/infosys
root@localhost:~# mkdir /var/www/wipro
root@localhost:~# mkdir /var/www/redhat
root@localhost:~# mkdir /var/www/ibm
root@localhost:~#
```

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The screenshot shows a Linux terminal window with a dark theme. The top bar indicates the date as Oct 8, 18:05. The terminal title is 'root@localhost:/var/www/test — /usr/bin/vim index.html'. The main content area shows the output of the 'yum install httpd' command, which includes a list of packages to be installed and their versions. Below this, the output of 'yum install httpd' is shown, listing the installed packages and their versions. The terminal then shows the execution of several 'mkdir' and 'cd' commands to create and navigate through directories in the /var/www/ path. The terminal ends with a prompt at the /var/www/ibm directory.

```
root@localhost:/var/www/test — /usr/bin/vim index.html
HI WELCOME TO ALL THIS IS MY TEST SITE

1,38 All

root@localhost:/var/www/ibm
Verifying      : httpd-2.4.57-5.el9.x86_64 10/20
Verifying      : httpd-core-2.4.57-5.el9.x86_64 11/20
Verifying      : httpd-devel-2.4.57-5.el9.x86_64 12/20
Verifying      : httpd-filesystem-2.4.57-5.el9.noarch 13/20
Verifying      : httpd-manual-2.4.57-5.el9.noarch 14/20
Verifying      : httpd-tools-2.4.57-5.el9.x86_64 15/20
Verifying      : libdb-devel-5.3.28-53.el9.x86_64 16/20
Verifying      : mod_http2-1.15.19-5.el9.x86_64 17/20
Verifying      : mod_lua-2.4.57-5.el9.x86_64 18/20
Verifying      : openldap-devel-2.6.3-1.el9.x86_64 19/20
Verifying      : redhat-logos-httpd-90.4-2.el9.noarch 20/20
Installed products updated.

Installed:
apr-1.7.0-11.el9.x86_64      apr-devel-1.7.0-11.el9.x86_64      apr-util-1.6.1-23.el9.x86_64      apr-util-bdb-1.6.1-23.el9.x86_64
apr-util-devel-1.6.1-23.el9.x86_64  apr-util-openssl-1.6.1-23.el9.x86_64  cyrus-sasl-2.1.27-21.el9.x86_64  cyrus-sasl-devel-2.1.27-21.el9.x86_64
expat-devel-2.5.0-1.el9.x86_64  httpd-2.4.57-5.el9.x86_64  httpd-core-2.4.57-5.el9.x86_64  httpd-devel-2.4.57-5.el9.x86_64
httpd-filesystem-2.4.57-5.el9.noarch  httpd-manual-2.4.57-5.el9.noarch  httpd-tools-2.4.57-5.el9.x86_64  libdb-devel-5.3.28-53.el9.x86_64
mod_http2-1.15.19-5.el9.x86_64  mod_lua-2.4.57-5.el9.x86_64  openldap-devel-2.6.3-1.el9.x86_64  redhat-logos-httpd-90.4-2.el9.noarch

Complete!
[root@localhost ~]#
[root@localhost ~]# vi /etc/httpd/conf/httpd.conf
[root@localhost ~]#
[root@localhost ~]# mkdir /var/www/test
[root@localhost ~]# mkdir /var/www/infosys
[root@localhost ~]# mkdir /var/www/wipro
[root@localhost ~]# mkdir /var/www/redhat
[root@localhost ~]# mkdir /var/www/ibm
[root@localhost ~]# cd /var/www/test/
[root@localhost test]# vi index.html
[root@localhost test]# cd /var/www/infosys/
[root@localhost infosys]# vi index.html
[root@localhost infosys]# cd /var/www/wipro/
[root@localhost wipro]# vi index.html
[root@localhost wipro]# cd /var/www/redhat/
[root@localhost redhat]# vi index.html
[root@localhost redhat]# cd /var/www/ibm/
[root@localhost ibm]# vi index.html
[root@localhost ibm]#
```

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The image displays two screenshots of a Linux terminal window, showing the configuration of the `/etc/hosts` file.

Top Screenshot: The terminal shows the user `root` at `localhost` editing the `/var/www/ibm` file in `vim` mode. The file content is as follows:

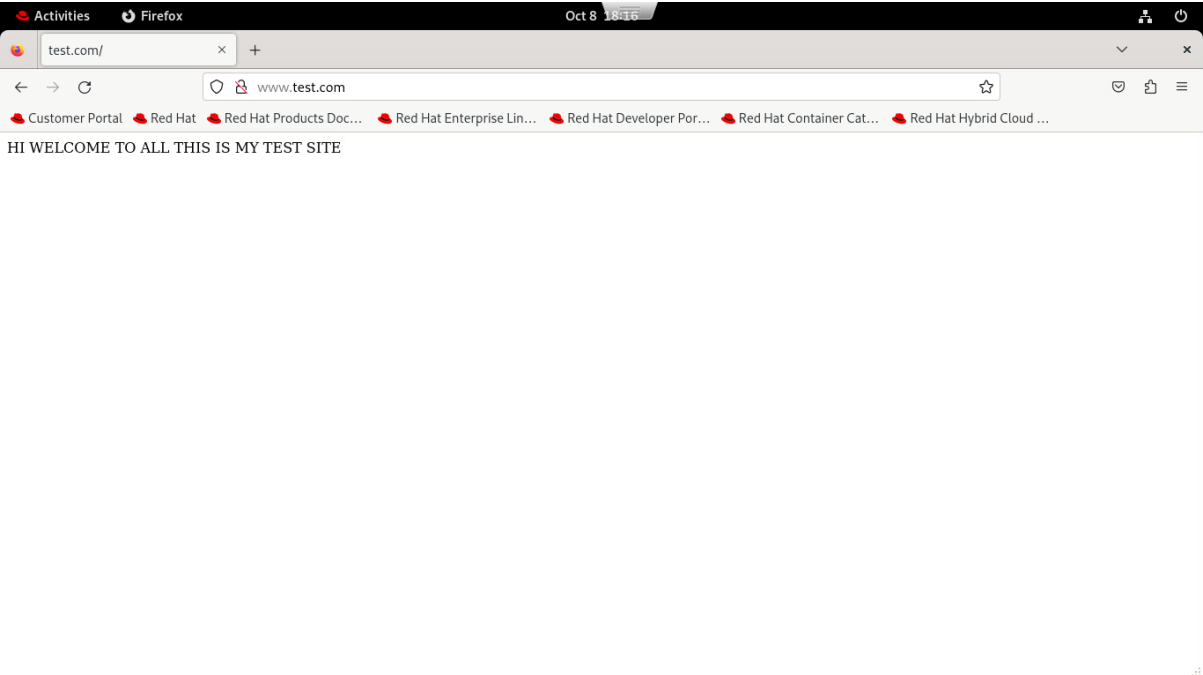
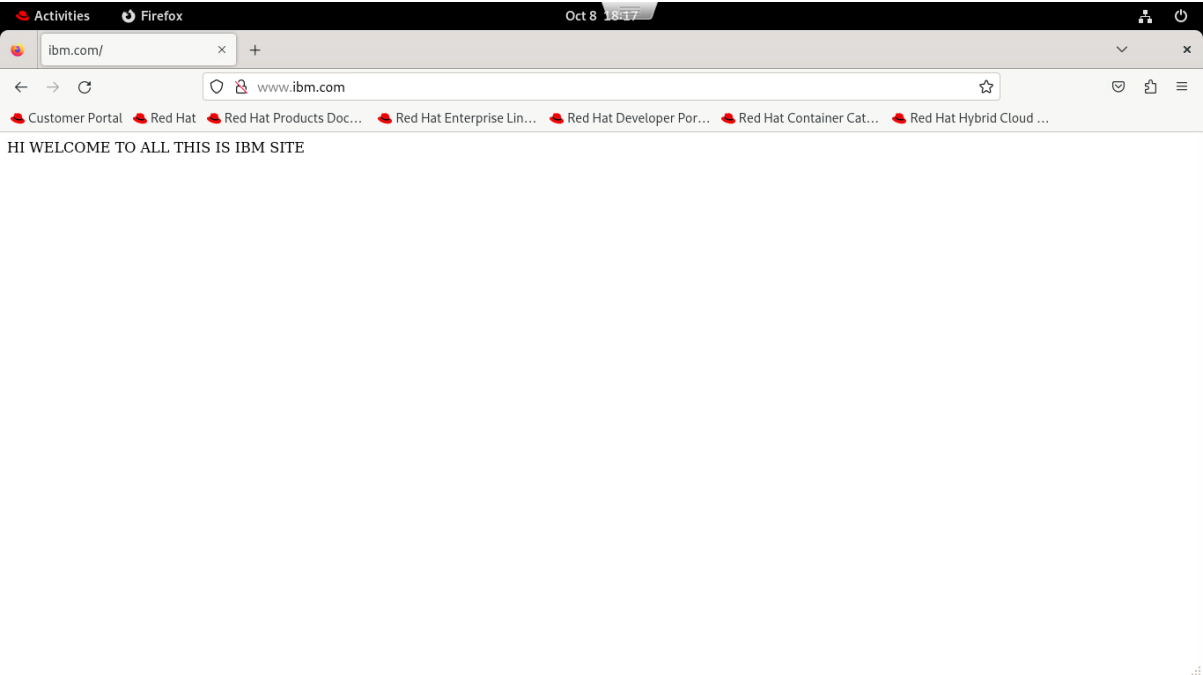
```
127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4
::1 localhost localhost.localdomain localhost6 localhost6.localdomain6

12.12.12.12 www.test.com test.com
12.12.12.12 www.infosys.com infosys.com
12.12.12.12 www.wipro.com wipro.com
12.12.12.12 www.redhat.com redhat.com
12.12.12.12 www.ibm.com ibm.com
```

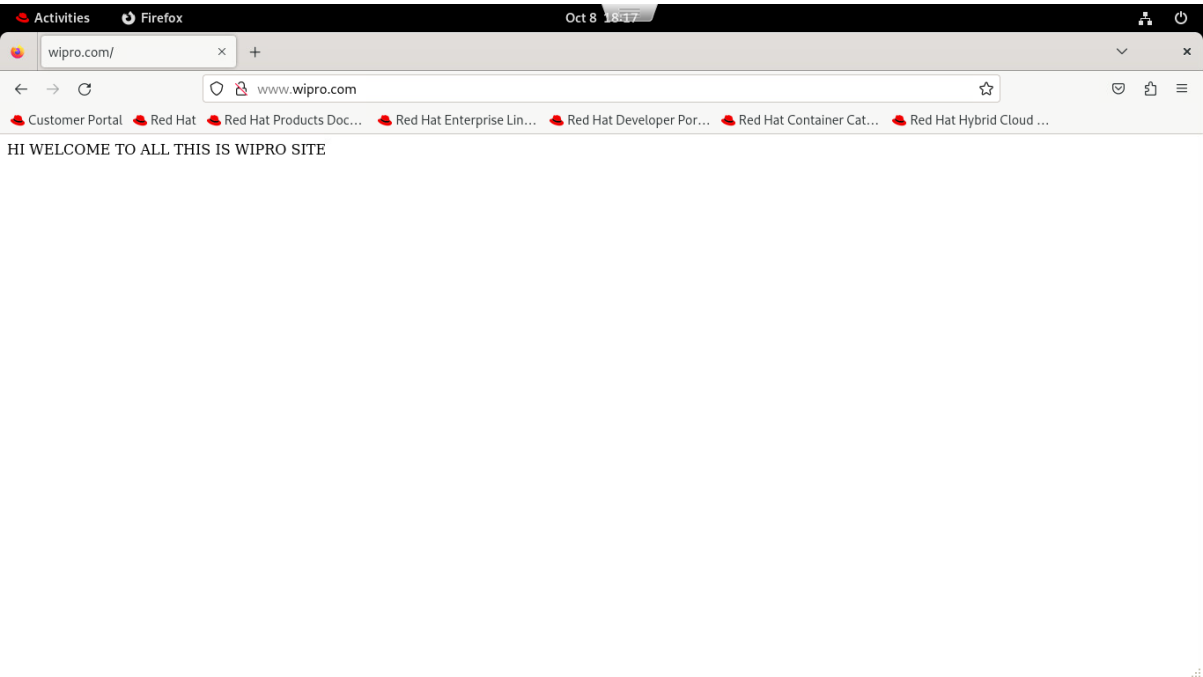
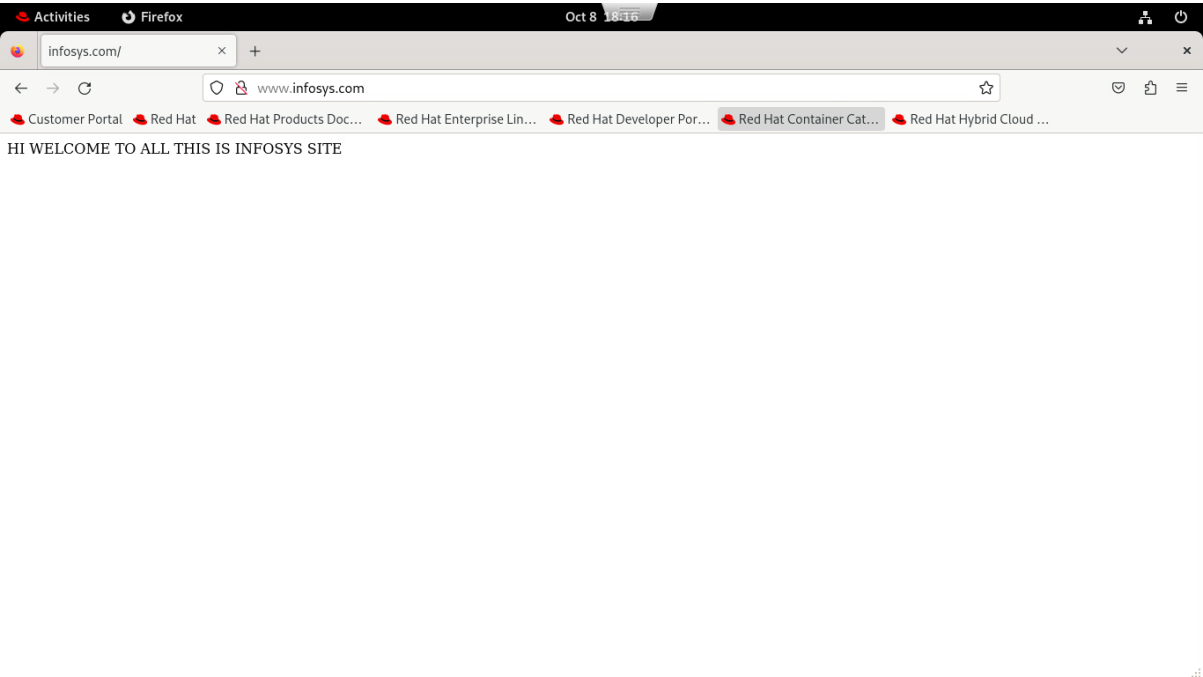
The terminal status bar indicates the user is in `INSERT` mode, with a cursor at line 8, column 41.

Bottom Screenshot: The terminal shows the user `root` at `localhost` in the `ibm` directory. The user runs the command `vi /etc/hosts`, followed by `service httpd restart`, which is redirected to `/bin/systemctl restart httpd.service`. The terminal status bar shows the user is in the `ibm` directory.

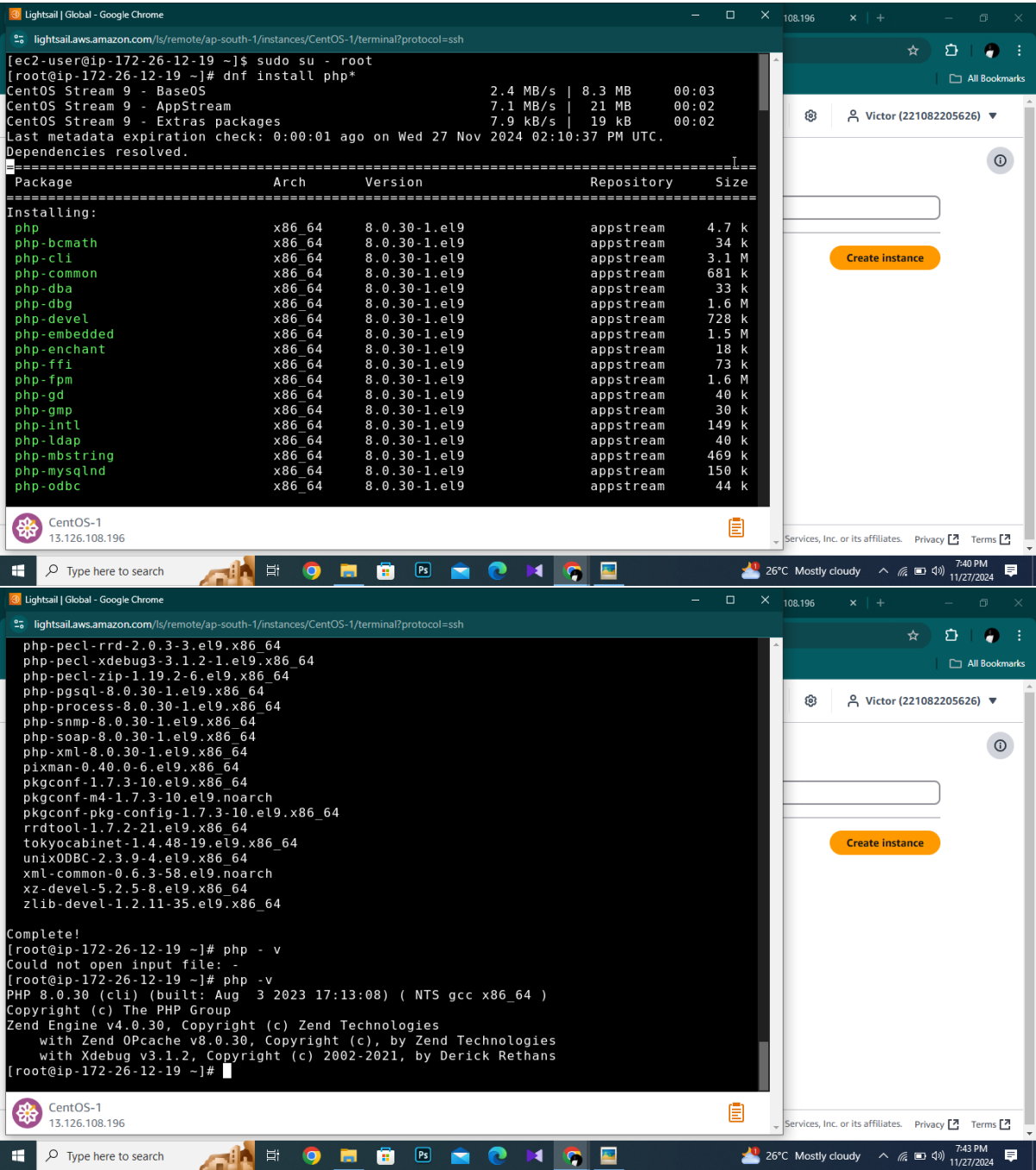
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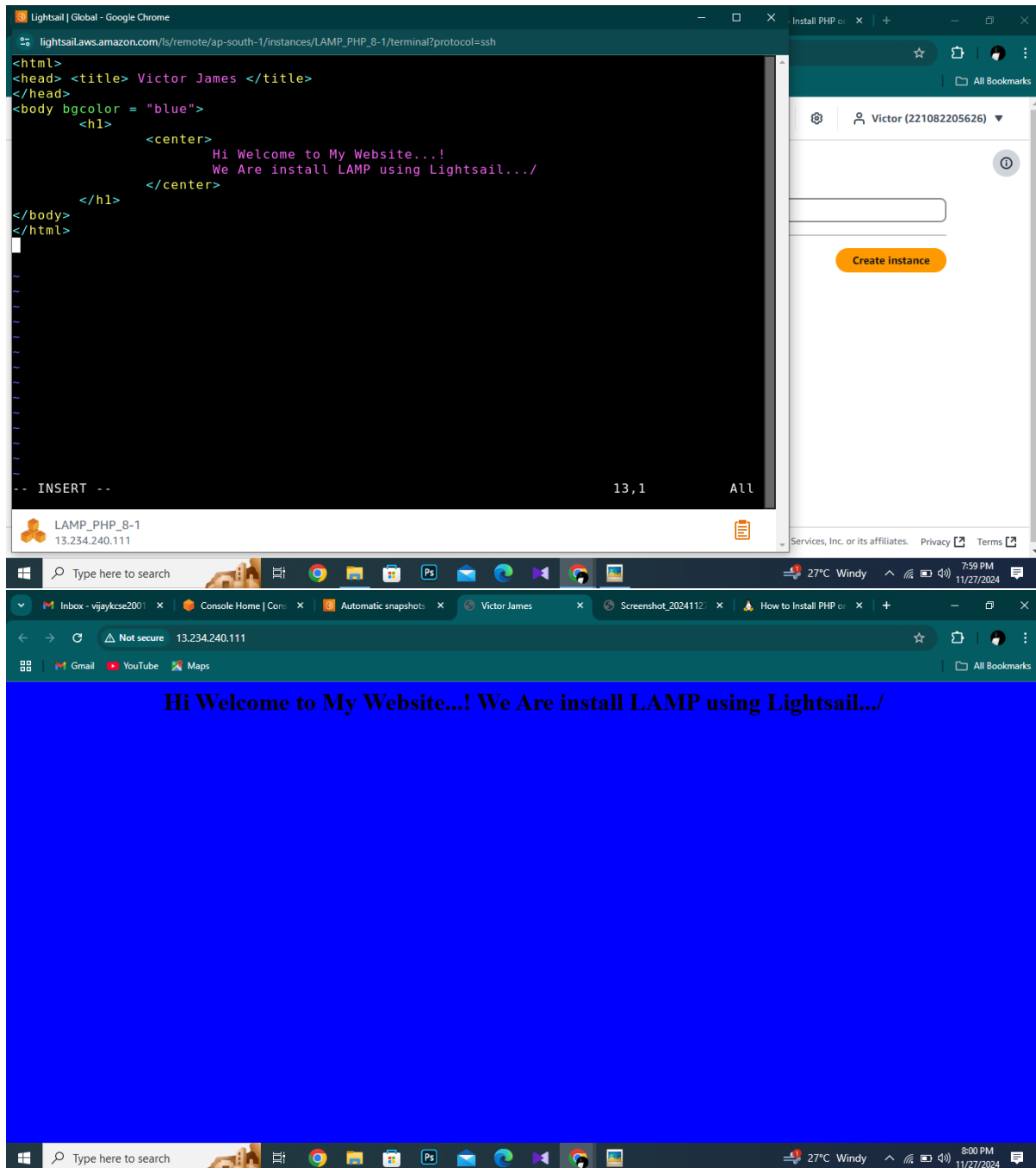
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