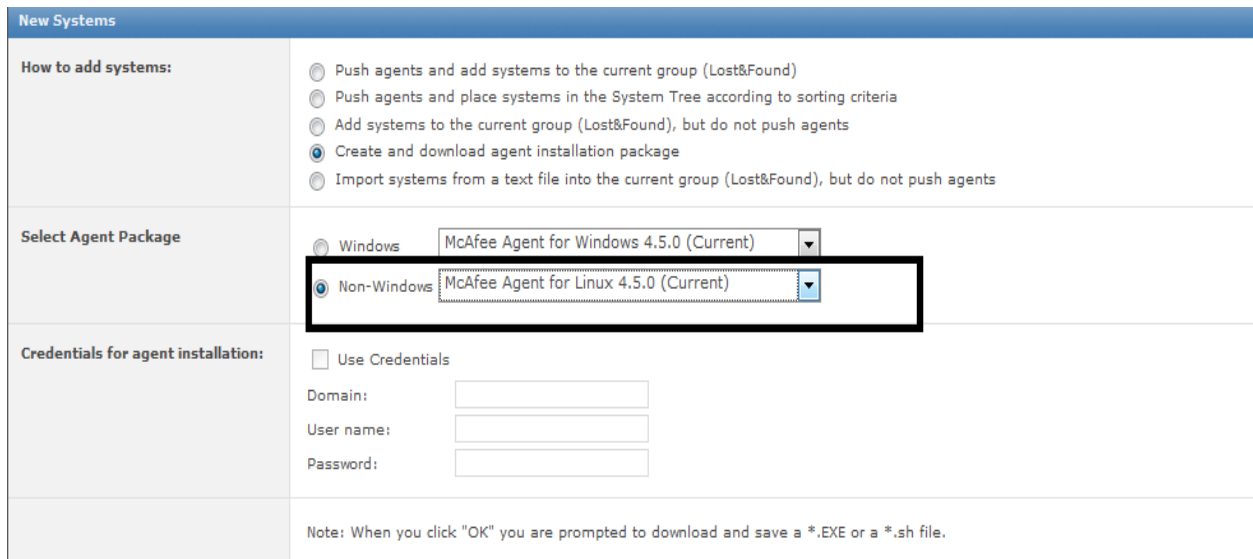


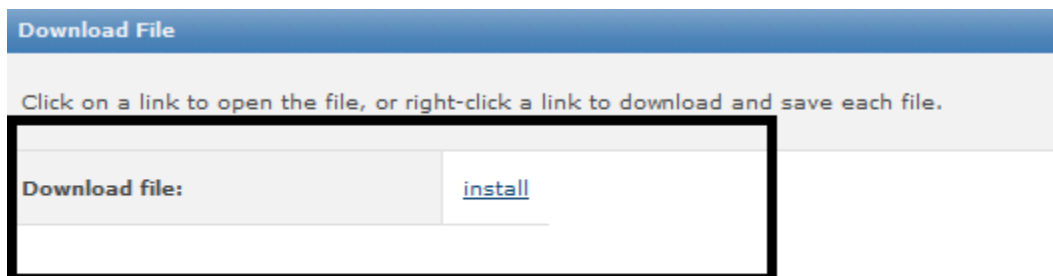
## INSTALLING McAfee Agent on Linux/CentOS

1: You will have to download the McAfee Agent for Linux from the ePO, this can be done using ePO GUI.



New Systems	
How to add systems:	<input type="radio"/> Push agents and add systems to the current group (Lost&Found) <input type="radio"/> Push agents and place systems in the System Tree according to sorting criteria <input type="radio"/> Add systems to the current group (Lost&Found), but do not push agents <input checked="" type="radio"/> Create and download agent installation package <input type="radio"/> Import systems from a text file into the current group (Lost&Found), but do not push agents
Select Agent Package	<input type="radio"/> Windows McAfee Agent for Windows 4.5.0 (Current) <input checked="" type="radio"/> Non-Windows McAfee Agent for Linux 4.5.0 (Current)
Credentials for agent installation:	<input type="checkbox"/> Use Credentials Domain: <input type="text"/> User name: <input type="text"/> Password: <input type="text"/>
Note: When you click "OK" you are prompted to download and save a *.EXE or a *.sh file.	

2: Download the SH Installer from ePO to your workstation.

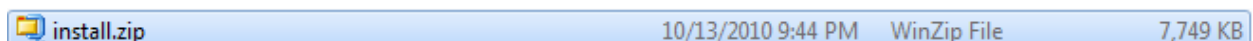


Download File

Click on a link to open the file, or right-click a link to download and save each file.

Download file: [install](#)

3: This file will be in format of .sh ( so you should zip this file now to change it in binary format, before it could be uploaded to Linux server.



4: Now you can upload this file on Linux Server using ( USB, Winscp,CD) Whatever way convenient to you.

5: Unzip the file using unzip command.

```
root@optiplex780 /j# unzip install.zip
```

6: it should look like this :

```
[root@optiplex780 /]# unzip install.zip
Archive:  install.zip
  inflating: install.sh
[root@optiplex780 /]# █
```

7: now it's time to execute the SH file.

```
[root@optiplex780 /]# sh install.sh -i █
```

8: you will get something like this :

```
[root@optiplex780 /]# sh install.sh -i
space required to copy archive is 15995412 bytes
space available at mfep23627 is 7162290176 bytes
extracting archive to mfep23627... please wait
15401+1 records in
15401+1 records out
7885569 bytes (7.9 MB) copied, 0.048472 seconds, 163 MB/s
Archive:  mfep23627/package.zip
  inflating: mfep23627/MFEcma.i686.rpm
  inflating: mfep23627/MFErt.i686.rpm
  inflating: mfep23627/reqseckey.bin
  inflating: mfep23627/srpubkey.bin
  inflating: mfep23627/sitelist.xml
Preparing...                               ##### [100%]
Available space : 6978592 KB
Required size   : 6144 KB
   1:MFErt      ##### [100%]
Writing conf file ...
Updating linker cache ...
Runtime installed successfully
Preparing...                               ##### [100%]
Available space : 6973084 KB
Required size   : 23552 KB
Stopping dependent services...
   1:MFEcma     ##### [100%]

Registering the start up script...
Updating linker cache...
```

```

Updating linker cache...
[ OK ]
Agent is starting in managed mode

Starting McAfee Agent services... [ OK ]
Checking for dangling symlinks
Deleting symbolic link /opt/McAfee/cma/bin/libagentplugin.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libagent.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libapplib2.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libconfigmanager.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libcurl.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libdatachannel.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libdatastore.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libeventinterface.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libeventwriter.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libframework.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libinetmgr.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libipcchannel.so.4
Deleting symbolic link /opt/McAfee/cma/bin/liblistenerserver.so.4
Deleting symbolic link /opt/McAfee/cma/bin/liblogger.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libmacbplugin.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libmanagement.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libmfecab.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libmfecmnlib.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libmfecmn.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libmfelpc.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libmfesign.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libnainet.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libnairal.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libnaizlib.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libnaxml.so.4
Deleting symbolic link /opt/McAfee/cma/bin/librsamanager.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libscheduler.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libupdater.so.4
Deleting symbolic link /opt/McAfee/cma/bin/libxmlwrap.so.4
Agent Successfully Installed

```

9: congratulation, the agent is installed successfully. Now if you want to verify the setup installation , there are two ways to have it verified.

A: Check the directory where the agent is installed ( it should look like this )

```

[root@optiplex780 etc]# pwd
/opt/McAfee/cma/scratch/etc
[root@optiplex780 etc]# █

```

B: McAfee agent will be running as a Service ( CMA) you can locate that server in /etc/init.d

```

[root@optiplex780 etc]# /etc/init.d/cma status
cma (pid 23707) is running...
[root@optiplex780 etc]# █

```

C: You can also check the logs of McAfee Agent by going to following directory

/opt/McAfee/cma/scratch/etc

D: The logs will look something like this

```
root@optiplex780 etc]# pwd
/opt/McAfee/cma/scratch/etc
root@optiplex780 etc]# ls
abundle.cer  log  sitecache.bin  SiteListTemplate.xml  SiteList.xml
root@optiplex780 etc]# tail log
2010-10-13 23:33:08 [23776] [ini] [D] GetPrivateProfileString,EventFilter,DisabledEvent,/opt/McAfee/cma/scratch/EvtFiltr.ini
2010-10-13 23:33:08 [23776] [Management] [D] collecting current system event policies
2010-10-13 23:33:08 [23776] [Management] [D] collected current event policies
2010-10-13 23:33:08 [23776] [Management] [I] Retrieved current event policies successfully
2010-10-13 23:33:08 [23776] [Management] [I] Event policies changed
2010-10-13 23:33:08 [23776] [Management] [I] Writing event policies to disk
2010-10-13 23:33:08 [23776] [Management] [I] Done writing event policies to disk
2010-10-13 23:33:08 [23776] [Management] [I] Semaphore operation finished successfully
2010-10-13 23:33:08 [23776] [Management] [I] Finished event policy update
2010-10-13 23:33:08 [23776] [Agent] [I] Next Policy Enforcement will be in : 300 seconds
root@optiplex780 etc]#
```

E:By default the time interval for policy check is 300 second and that is what you might have to wait for the agent to get updated in the ePO database. Otherwise, you can restart the service if you want to make it fast.

This command will be used to restart the service.

/etc/init.d/cma restart

It will look like this :-

```
[root@optiplex780 etc]# /etc/init.d/cma restart

Shutting down McAfee Agent services... [ OK ]
Starting McAfee Agent services... [ OK ]
[root@optiplex780 etc]#
```

IF all above is done, then you should find an successful entry of the machine in your ePO like this

strm.juniper.net	Managed	Workstation	192.168.137.4	root	10/13/10 11:11:18 PM
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