Linux Commands

* cat /etc/passwd give you the file contain information
* sudo -s its look like run as admin if use this in beginning of any command
* sudo su - run as admin & su for switch user (login with root user)
* useradd raja create new user (raja)
* pwd home directory
* whoami to check the user
* passwd raja give the password
* ls list
* ll -a check hidden user directory
* ssh-keygen –t rsa user can generate the public & private key
* cp id\_rsa.pub authorized\_keys
* chmod 600 authorized\_keys Gives the permission
* ll –a
* cat idr\_rsa

User Data script (Web server Automation)

Manually create the Linux

* yum install –y httpd
* cd /var/www/html
* ls
* cat echo touch nano vi file create
* Control x then Y Enter
* rm –f Delete the file
* cat >index.html create the file

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echo "\*\*\*\*\*\*\*\*\*This is EC2 base Web Server\*\*\*\*\*\*\*" >index.html >var/www/html/index.html

* systemctl status httpd service information
* systemctl enable --now httpd Service enable for all time

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| # su - root | Change the user from normal to root |
| # ls | List all the folders and files of directory |
| # ls –l | Give the details of files or folder permissions(Details information about file) |
| # cd | Change the Directory (one folder to other) or back to old directory |
| # help | Shows the basic commands and there use |
| # man | Show the complete manual of that command or program |
| # pwd | Print working directory |
| # dir | Same as ls |
| # mkdir | Create the directory(folder) |
| # cp | Copy a file or folder |
| # mv | Move a file or folder |
| # rm | Remove (delete) a file or folder |
| # rm –r | Delete the folder |
| # sudo su | Grant root privileges |
| # cat | Show the content of file |
| # nano | Linux file editor |
| # gedit | File editor for software (File open in graphical) mode |
| # chmod | Change the permission for file or folder |
| # chmod +w  # chmod -w | Take the permission for write  Give the permission for write |
| # chmod –r  # chmod +r | Give the permission for read  Take the permission for read |
| # chmod +wx | Write & execute permission |
| # chmod +rwx | filename to add permissions. |
| # ./ | Execute the shell file—run the file as like .bat |
| # bash | Execute the shell file – run the file as like .bat |
| # apt-get update | Update the packages list (URL’s) |
| # apt-get upgrade | Update the all Installed software |
| # hostname –i | Give the system IP address information |
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