Bash feature

Tab <follow by the first strings of command or file name>

History

Saves previous used commands

Bash Shell Keyboard Shortcuts

Ctrl + A Go to the beginning of the line you are currently typing on

Ctrl + E Go to the end of the line you are currently typing on

Ctrl + L Clears the Screen

Ctrl + C Kill whatever you are running

Ctrl + D Exit the current shell

Ctrl + U Clears the line before the cursor position.

Ctrl + W Delete the word before the cursor

Ctrl + K Clear the line after the cursor

Alt + F Move cursor forward one word on the current line

Alt + B Move cursor backward one word on the current line

User and Group Management

adduser: add a user to the system.

Files related to the user and group management

/etc/passwd user info

/etc/shadow user pwd info

/etc/group group info

/etc/sudoers sudo config info

Flags:

### **Create a User with Different Home Directory**

useradd -d /data/projects naveen

### **Create a User with Specific User ID**

useradd -u 999 naveen

### **Add a User to Multiple Groups**

useradd -G admins,datebaseadmin,developers tom

### **Add a User without Home Directory**

useradd -M vendor1

### **Create a User with Account Expiry Date**

useradd -e 2016-03-23 peter

usermod: modify a user account.

### **Change User Home Directory**

usermod -d /project/adobe\_hendrix/ tom

### **Set User Account Expiry Date**

usermod -e 2016-07-01 prince

chage -l <user-name>

### **Change User Primary Group**

usermod -g test\_group barber

### **Adding Group to an Existing User**

usermod -G web-admin rubby

### **Change User Login Name**

usermod -l john\_admin john

### **Lock User Account**

usermod -L bob

usermod -U bob

userdel: delete a user account and related files.

groupadd: add a group to the system.

gpasswd modify group

delgroup: remove a group from the system.

chage: change user password expiry information.

sudo: run one or more commands as another user

### **Add an Entry in /etc/sudoers**

User ALL=(ALL) ALL

ALL=(root) /usr/sbin/adduser, /usr/sbin/usermod

usermod --lock

usermod --unlock

usermod --expire-date

chage –l minimum number of days between password changes

chage --maxdays

userdel –r

id <username>

group

delgroup <groupname>