

## Filter and Search Utility

- Grep-Global regular expression point

```
[root@sakshi ~]# grep -i "root" anaconda-ks.cfg
# Root password
rootpw --iscrypted $6$SDoAWTC9wCn/7hNJ$prxBhWK4Z0n00rwSpvy1yXFp1w6W7A04Twp5S/EyT1AEV4CD8KWZKv7df.0.p.NE5r
zz5Zya0IewgJxkR/nv61
[root@sakshi ~]# grep -E "sakshi|Root" anaconda-ks.cfg
# Root password
user --name=sakshi --password=$6$heMkPabg4Y8d5pp7$/IjR5U0AfCNLTdDgQeaEn4ZFay8lffpw3NxbRCezPCyAPT/yLklUc1r
ASa38nP0TBjcqZnfVrt17zgJ3pbx/N0 --iscrypted --gecos="Sakshi"
[root@sakshi ~]# grep -iE "sakshi|Root" anaconda-ks.cfg
# Root password
rootpw --iscrypted $6$SDoAWTC9wCn/7hNJ$prxBhWK4Z0n00rwSpvy1yXFp1w6W7A04Twp5S/EyT1AEV4CD8KWZKv7df.0.p.NE5r
zz5Zya0IewgJxkR/nv61
user --name=sakshi --password=$6$heMkPabg4Y8d5pp7$/IjR5U0AfCNLTdDgQeaEn4ZFay8lffpw3NxbRCezPCyAPT/yLklUc1r
ASa38nP0TBjcqZnfVrt17zgJ3pbx/N0 --iscrypted --gecos="Sakshi"
[root@sakshi ~]# grep -nE "sakshi" anaconda-ks.cfg
35:user --name=sakshi --password=$6$heMkPabg4Y8d5pp7$/IjR5U0AfCNLTdDgQeaEn4ZFay8lffpw3NxbRCezPCyAPT/yLklU
c1rASa38nP0TBjcqZnfVrt17zgJ3pbx/N0 --iscrypted --gecos="Sakshi"
[root@sakshi ~]# grep -cE Root" anaconda-ks.cfg
> ^C
[root@sakshi ~]# grep -cE "Root" anaconda-ks.cfg
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```

- Locate

```
[root@sakshi ~]# cd /
[root@sakshi /]# ls
al      afs      cron1    file11   lib      mnt      partition  root      sbin    Task     test
ABCD    bin      dev      file2    lib64     nashik   proc       run       srv     Task1    tmp
acldir  boot     etc      file3    Mahabharat  opt      Radha      Sakshi    sys     Task2    usr
acltask cron     file1    home     media     Pandav   Raksha     sakshi2   task    Task3    var
[root@sakshi /]# mkdir /ram
[root@sakshi /]# updatedb
[root@sakshi /]# locate ram
/ram
/boot/initramfs-0-rescue-3eb9711b6ee74f1c80aa8b8feb0dc634.img
/boot/initramfs-5.14.0-590.el9.x86_64.img
/boot/initramfs-5.14.0-590.el9.x86_64kdump.img
/dev/nvram
/usr/bin/tpm2_geteccparameters
/usr/lib/dracut/dracut-initramfs-restore
/usr/lib/firewalld/icmptypes/parameter-problem.xml
/usr/lib/firmware/ar3k/ramps_0x01020001_26.dfu.xz
/usr/lib/firmware/ar3k/ramps_0x01020200_26.dfu.xz
/usr/lib/firmware/ar3k/ramps_0x01020200_40.dfu.xz
/usr/lib/firmware/ar3k/ramps_0x01020201_26.dfu.xz
/usr/lib/firmware/ar3k/ramps_0x01020201_40.dfu.xz
/usr/lib/firmware/ar3k/ramps_0x11020000_40.dfu.xz
/usr/lib/firmware/ar3k/ramps_0x11020100_40.dfu.xz
/usr/lib/firmware/ar3k/ramps_0x31010000_40.dfu.xz
/usr/lib/firmware/ar3k/ramps_0x31010100_40.dfu.xz
/usr/lib/firmware/ar3k/ramps_0x41020000_40.dfu.xz
/usr/lib/firmware/ar3k/1020201coex/ramps_0x01020201_26_HighPriority.dfu.xz
```

```
/usr/share/vim/vim82/indent/framescript.vim
/usr/share/vim/vim82/indent/raml.vim
/usr/share/vim/vim82/syntax/framescript.vim
/usr/share/vim/vim82/syntax/raml.vim
/usr/share/zoneinfo/America/Paramaribo
/usr/share/zoneinfo/posix/America/Paramaribo
/usr/share/zoneinfo/right/America/Paramaribo
/var/lib/initramfs
/var/log/anaconda/program.log
[root@sakshi ~]# locate ram | less
[root@sakshi ~]#
```

```
[root@sakshi ~]# mkdir siyaram
[root@sakshi ~]# locate siyaram
[root@sakshi ~]# updatedb
[root@sakshi ~]# locate siyaram
/siyaram
[root@sakshi ~]# locate siyaram | less
[root@sakshi ~]#
```

- **Find**

```
[root@sakshi ~]# find / -name "namaste"
/Radha/namaste
[root@sakshi ~]# find / -uid 1012
find: '/proc/3064/task/3064/fd/6': No such file or directory
find: '/proc/3064/task/3064/fdinfo/6': No such file or directory
find: '/proc/3064/fd/5': No such file or directory
find: '/proc/3064/fdinfo/5': No such file or directory
/var/spool/mail/Sakshi
/home/Sakshi
/home/Sakshi/.mozilla
/home/Sakshi/.mozilla/extensions
/home/Sakshi/.mozilla/plugins
/home/Sakshi/.bash_logout
/home/Sakshi/.bash_profile
/home/Sakshi/.bashrc
/home/Sakshi/.cache
/home/Sakshi/.bash_history
/home/Sakshi/.viminfo
[root@sakshi ~]# find / -name sakshi
/var/db/sudo/lectured/sakshi
/var/spool/mail/sakshi
/home/Sakshi/sakshi
/home/sakshi
[root@sakshi ~]#
```