

PATH

What is PATH Variable :

This is one of the most important variable. If this variable is not properly set or we have made wrong changes in this variable, then changes can be a disaster for an average linux user.

Whenever we are running any command , it looks for command in the “directory” specified in “PATH” variable.

```
[root@localhost ~]# echo $PATH
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/root/bin
[root@localhost ~]# date
Tue Feb  8 06:13:16 EST 2022
[root@localhost ~]# ls
1 2 anaconda-ks.cfg  initial-setup-ks.cfg
[root@localhost ~]#
```

AFTER CHANGE PATH

```
[root@localhost ~]# PATH=/etc
[root@localhost ~]#
[root@localhost ~]# echo $PATH
/etc
[root@localhost ~]# ls
bash: ls: command not found...
Similar command is: 'lz'
[root@localhost ~]# date
bash: date: command not found...
Packages providing this file are:
'coreutils'
'coreutils-single'
[root@localhost ~]# /usr/bin/date
Tue Feb  8 06:20:52 EST 2022
[root@localhost ~]# /usr/bin/ls
1 2 anaconda-ks.cfg  initial-setup-ks.cfg
[root@localhost ~]#
```