ls -lZ webdata/index.html // check tag or context or label of a file or dir

gedit /etc/httpd/conf/httpd.conf // change the path for the new folder and add alias:

<Directory /webdata>

AllowOverride none

Require all granted

</Directory>

alias /mydata /webdata

938 systemctl restart httpd

939 setenforce 0

940 systemctl restart httpd

941 setenforce 1

942 systemctl restart httpd

943 ls -lZ /var/www/html/index.html

944 chcon -R -t httpd\_sys\_content\_t /webdata/ // change label of the folder

945 ls -lZ /webdata/

946 id // id will show only context of current user not any other user

947 id root

948 id som

949 restorecon /webdata/

950 ls -lZ /webdata/

951 restorecon /webdata/

952 restorecon -v /webdata/

953 systemctl restart httpd

954 restorecon -v /webdata/

955 ls -lZ /webdata/

956 restorecon -v -R /webdata/ // r for recursive v for verbose means show the intended lable

957 ls -lZ /webdata/

958 semanage --help

959 semanage fcontext --help

960 semanage fcontext -l

961 semanage fcontext -a -t -R httpd\_sys\_content\_t /webdata

962 semanage fcontext -a -t httpd\_sys\_content\_t /webdata

963 semanage fcontext -a -t httpd\_sys\_content\_t /webdata/index.html //this is permanent unlike chcon but it will not show in webdata folder until me manually change it again or use restorecon coz we mentioned in the policy to allow the folder so next time the labelling happens it will change automatically

964 ls -lZ /var/www/html

965 ls -lz /webdata/

966 ls -lZ /webdata/

967 systemctl restart httpd

968 ls -lZ /webdata/

969 semanage fcontext -a -t httpd\_sys\_content\_t /webdata

970 ls -lZ /webdata/

971 semanage fcontext -m -t httpd\_sys\_content\_t /webdata

972 ls -lZ /webdata/

973 cat /etc/selinux/targeted/contexts/files/file\_contexts.local you can see the output of the command ran in 963

974 restorecon -R /webdata/

975 ls -lZ /webdata/

976 touch /var/ftp/pub/a.txt

977 touch /var/ftp/pub/b.txt

978 ls -lZ /var/ftp

979 systemctl start vstpd

980 yum install vstpd -y

981 yum install vstpd

982 yum install \*vstpd

983 yum install vsftpd

984 yum install vsftpd ftp

985 systemctl start vstpd

986 systemctl start vsftpd

987 ps -aZ | grep vsftpd

988 ps -auxZ | grep vsftpd

989 ftp

990 ifconfig

991 ftp 192.168.137.134

992 cd root

993 ll

994 touch aa.txt

995 cd /home/som/

996 ll

997 cd Desktop/

998 touch aa.txt

999 getsebool -a |less

1000 getsebool ftp\_home-dir

1001 getsebool ftp\_home\_dir // check if it is on or off

1002 semanage boolean --help

1003 setsebool -P ftp\_home\_dir 1 // to turn on the write access to this folder

1004 semanage boolean –help see what by default should be turned on and what should be off and the current status

1005 semanage boolean -l | less

1006 getenforce