**Sticky\_Bit**

<http://www.computernetworkingnotes.com/managing-file-system-security/sticky-bit.html>

A **sticky bit** is a permission **bit** that is **set on a directory** that allows only the owner of the file within that directory, the owner of the directory or the root user to delete or rename the file. No other user has the needed privileges to delete the file created by some other user. Once we apply the sticky bit on the Directories, then Only the Owner of the file can Modify the file irrespective of the Actual Permision of the File

#useradd vinita

#passwd –d vinita

#useradd nikita

#passwd –d nikita

**Login to root or any User :-**

#mkdir /example

#chmod 777 /example

#ls –ld /example

**Login to Nikita :-**

#cd /example

#cat > nikita\_file

This is the file of nikita

#ls –l

**Login to vanita :-**

#cd /example

#cat > vinita\_file

This is file of Vinita

#ls –ld

# rm –rf nikita\_file

Vanita have access to Delete Nikitas Files.

**Now, login to Owner of file and apply Stick bit :-**

#chmod o+t /example or # chmod 1777 /example

#ls –ld /example

Sticky bit is defined by t options. As you can see in output other have t bit set in their filed. **Now only owner of file and root user can delete file in this folder.**

To verify switch Vinita user again and try to delete the files of nikita. This time it will not success this time.

To remove sticky bit use minus sign.

#chmod o-t /example or

# chmod 1774 /example