Linux:

GnuPG Tool:

gpg --gen-key

Generate a GPG key pair.

gpg --encrypt --recipient '<email address>' --output <destination file> <original file name>

Encrypt file using encryption details.

gpg --decrypt --output <destination file> <encrypted file>

Decrypt file using encryption details.

Integrity and Authenticity Check:

echo "<file content>" > <file name>

Create a file with content.

md5sum <file name> > sumfile.md5

Perform the hash calculation for the file and send the output to the file sumfile.md5.

Snort:

Sudo snort

Open snort and explore snort packets.

Ls /etc/snort/rules

Open the directory when the snort rules are stored.

cat /etc/snort/rules/web-misc.rules

Open the rules and see the content.

cat /etc/snort/rules/web-misc.rules

Open the rules and see the content.

sudo snort -A console -c /etc/snort/snort.conf

check for live alerts on snort.

Iptables:

sudo iptables -L -v

To check the status of our current iptables.