IDS(intrusion detection system)_IPS(intrusion prevention system)_Using_SNORT

What is IDS?

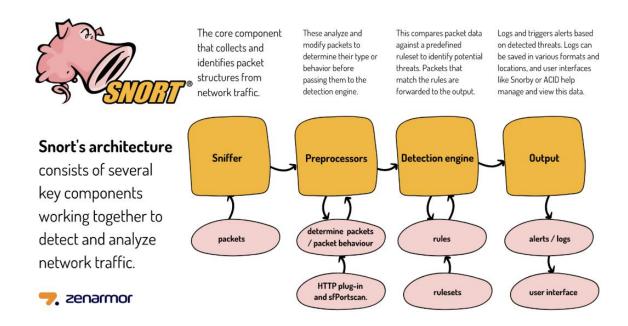
An intrusion detection system (IDS) is a device or software application that monitors a network for malicious activity or policy violations. Any malicious activity or violation is typically reported or collected centrally using a security information and event management system.

What is IPS?

An intrusion prevention system, or IPS, monitors real-time network activity for a deeper examination and identification of possible security concerns. IPS looks for traffic patterns or attack characteristics and when identified, IPS generates alerts and blocks detected attacks.

What is SNORT Tool?

SNORT is a powerful open-source intrusion detection system (IDS) and intrusion prevention system (IPS) that provides real-time network traffic analysis and data packet logging. SNORT uses a rule-based language that combines anomaly, protocol, and signature inspection methods to detect potentially malicious activity.



Set up SNORT for IDS and IPS →

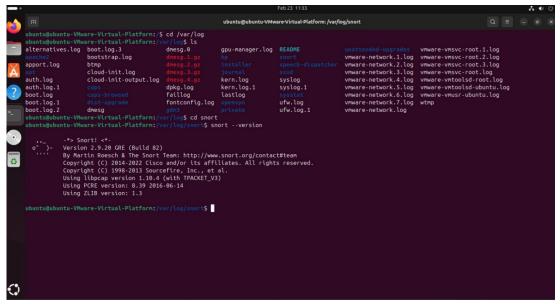
On ubuntu terminal:

Step-1: sudo apt-get install snort

Step -2: cd /var/log

Step-3: cd snort

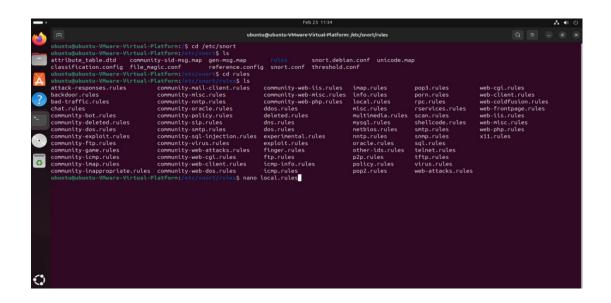
Step-4: snort -version



Step-5: cd /etc/snort

Step-6: Is

Step-7: cd /etc/snort/rules



SET UP OF RULES ->

STEP-8: cd rules

After the step-7 several rules appers , we have to configure the rules according to the alert message.

For example: nano local.rules