

Snort-BASE

Written by Mr. Sontaya Photibut
Saturday, 02 May 2009 15:37

```
##### /usr/share/doc/packages/snort/schemas  
create_mysql
```

```
##### DB snort (##### command##### phpMyAdmin#####)  
##### import##### create_mysql##### DB snort#####  
# mysql -u root -p  
(root password)  
mysql> create database snort;  
mysql> exit  
# mysql -D snort -u root -p </usr/share/doc/packages/snort/schemas/create_mysql  
(root password)
```

```
# vi /etc/snort/snort.conf  
output database: log, mysql, user=root password=password dbname=snort host=localhost
```

```
##### snort##### error#####  
# snort -c /etc/snort/snort.conf  
##### (##### error##### ok)
```

```
Rule application order: ->activation->dynamic->drop->alert->pass->log  
Log directory = /var/log/snort
```

```
--== Initialization Complete ==--
```

```
„_ -*> Snort! <*-  
o" )~ Version 2.4.4 (Build 28) x86_64  
"" By Martin Roesch & The Snort Team: http://www.snort.org/team.html  
(C) Copyright 1998-2005 Sourcefire Inc., et al.  
NOTE: Snort's default output has changed in version 2.4.1!  
The default logging mode is now PCAP, use "-K ascii" to activate  
the old default logging mode.
```

```
## Ctrl+C #####
```

BASE web page setup

```
#### web browser (firefox) http://yoursite.com/base/
```

Step 1

```
#### Continue
```

Step 2

```
Language : english
```

```
Path to ADODB : /srv/www/htdocs/adodb
```

```
#### Submit Query
```

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Step 3

Database type : MySQL
Database Name : snort
Database Host : localhost
Database User Name : root
Database Password : *****
□□□□ Submit Query

Step 4

Admin User Name: root
Password : *****
Full Name : SYSBASD

Step 5

□□□□□□□□ Create BASE AG
□□□□□□□□ Now continue to stop5...

Install Image_Color, Image_Canvas and Image_Graph

□□□□□□□□ php5-gd □□□□ YaST

```
# pear5 channel-update "pear.php.net"  
# pear5 install Image_Color  
# pear5 install Image_Canvas-alpha  
# pear5 install Image_Graph-alpha
```

□□□□

```
# cd /srv/www/htdocs/base  
# wget http://pear.php.net/get/Image_Color-1.0.2.tgz  
# tar zxvf Image_Color-1.0.2.tgz  
# rm Image_Color-1.0.2.tgz  
# pear5 install Image_Color-1.0.2.tgz
```

```
# wget http://pear.php.net/get/Image_Canvas-0.3.1.tgz  
# tar zxvf Image_Canvas-0.3.1.tgz  
# rm Image_Canvas-0.3.1.tgz  
# pear5 install Image_Canvas-0.3.1.tgz
```

```
# wget http://pear.php.net/get/Image_Graph-0.7.tgz  
# tar zxvf Image_Graph-0.7.2.tgz  
# rm Image_Graph-0.7.2.tgz  
# pear5 install Image_Graph-0.7.2.tgz
```

Starting Snort

```
# chmod 775 /srv/www/htdocs/base/  
# snort -c /etc/snort/snort.conf -i eth0 -g root -D
```

Web base runing

<http://www.yoursite.com/base/>

Basic Analysis and Security Engine (BASE)

- Today's alerts:	unique	listing	Source IP	Destination IP
- Last 24 Hours alerts:	unique	listing	Source IP	Destination IP
- Last 72 Hours alerts:	unique	listing	Source IP	Destination IP
- Most recent 15 Alerts:	any protocol	TCP	UDP	ICMP
- Last Source Ports:	any protocol	TCP	UDP	
- Last Destination Ports:	any protocol	TCP	UDP	
- Most Frequent Source Ports:	any protocol	TCP	UDP	
- Most Frequent Destination Ports:	any protocol	TCP	UDP	
- Most frequent 15 Addresses:	Source	Destination		
- Most recent 15 Unique Alerts				
- Most frequent 5 Unique Alerts				

Queried on : Sun April 20, 2008 06:51:05
Database: snort@localhost (Schema Version: 106)
Time Window: [2008-03-27 17:55:05] - [2008-03-27 18:14:32]

[Search](#)
[Graph Alert Data](#)
[Graph Alert Detection Time](#)

Sensors/Total: 1 / 1
Unique Alerts: 1
Categories: 1
Total Number of Alerts: 3

- Src IP adds: 1
- Dest. IP adds: 1
- Unique IP links 1

- Source Ports: 1

- ◦ TCP (1) UDP (0)
- Dest Ports: 2

- ◦ TCP (2) UDP (0)

Traffic Profile by Protocol

