?SheevaPlug Debian Squeeze???Asterisk/FreePBX?, ??????????????,????,???Asterisk??????????????????,??? OSSEC????????????.

OSSEC??????????1.5?????Asterisk????,??????(2010-11-30),???2.5.1.

??OSSEC?????????????,???????????.

A??OSSEC??????????:

Code:

cd /root

wget http://www.ossec.net/files/ossec-hids-latest.tar.gz

tar -zxvf ossec-hids-*.tar.gz

rm ossec-hids-*.tar.gz

cd ossec-hids-*

./install.sh

??./install.sh?????????, ?? *??????????,????, ???????????:

** Para instalaA§A?o em portuguAas, escolha [br].
** e|a??c"?a?-a–?e??e!?aR?e?..., e¯·e€?a?c [cn].
** Fur eine deutsche Installation wohlen Sie [de].
** I"I1I± I?I3IoI±I?I?I?I?I±I?I· I?I?I± I·I?I?I·I?I1IoI?, I?I€I1I?I-I?I?I? [el].
** For installation in English, choose [en].
** Para instalar en EspaA±ol , eliga [es].
** Pour une installation en franA§ais, choisissez [fr]
** Per l'installazione in Italiano, scegli [it].
** a—?a??ea?a§a??a?3a?1a??a??a??a—a?a?i??e?a??a—a|a??a·a?i??[jp].
** Voor installatie in het Nederlands, kies [nl].
** Aby instalowaA? w jA?zyku Polskim, wybierz [pl].
** D"D?N D?D?NN?N€N?DoN?D?D1 D?D? N?NN?D°D?D?D2DoD? D?D° N€N?NNDoD?D? ,D2D2D?D'D?N?D? [ru].
** Za instalaciju na srpskom, izaberi [sr].
** TA?rkA§e kurulum iA§in seA§in [tr].
(en/br/cn/de/el/es/fr/it/jp/nl/pl/ru/sr/tr) [en]: ?Enter?
OSSEC HIDS v2.5.1 Installation Script - http://www.ossec.net

You are about to start the installation process of the OSSEC HIDS.

You must have a C compiler pre-installed in your system.
If you have any questions or comments, please send an e-mail
to dcid@ossec.net (or daniel.cid@gmail.com).

- System: Linux debian 2.6.32-5-kirkwood
- User: root
- Host: debian

-- Press ENTER to continue or Ctrl-C to abort. -- ?Enter?

??????????:
a.server:??????????????????Windows, Linux???????,???????????????,????????.
b.agent:???a.server??,??????????server?????,?????????.
c.local:?????????,???server?????,?????????,??Asterisk/FreePBX??????????,???.

1- What kind of installation do you want (server, agent, local or help)? server

- Server installation chosen.

2- Setting up the installation environment.

- Choose where to install the OSSEC HIDS [/var/ossec]: ?Enter?

- Installation will be made at /var/ossec .

3- Configuring the OSSEC HIDS.

3.1- Do you want e-mail notification? (y/n) [y]: ?Enter?

- What's your e-mail address? jackooo@gmail.com

- We found your SMTP server as: gmail-smtp-in.l.google.com.
- Do you want to use it? (y/n) [y]: n

- What's your SMTP server ip/host? localhost

3.2- Do you want to run the integrity check daemon? (y/n) [y]: ?Enter?

- Running syscheck (integrity check daemon).

3.3- Do you want to run the rootkit detection engine? (y/n) [y]: ?Enter?

- Running rootcheck (rootkit detection).

3.4- Active response allows you to execute a specific
command based on the events received. For example,
you can block an IP address or disable access for
a specific user.
More information at:
http://www.ossec.net/en/manual.html#active-response

- Do you want to enable active response? (y/n) [y]: ?Enter?

- Active response enabled.

- By default, we can enable the host-deny and the
firewall-drop responses. The first one will add
a host to the /etc/hosts.deny and the second one
will block the host on iptables (if linux) or on
ipfilter (if Solaris, FreeBSD or NetBSD).
- They can be used to stop SSHD brute force scans,
portscans and some other forms of attacks. You can
also add them to block on snort events, for example.

- Do you want to enable the firewall-drop response? (y/n) [y]: ?Enter?

- firewall-drop enabled (local) for levels >= 6

- Default white list for the active response:
- 192.168.1.1

??????????????Ossec server????,??????IP???????,???????,?????????:
- Do you want to add more IPs to the white list? (y/n)? [n]: y
- IPs (space separated): 192.168.1.0/24

3.5- Do you want to enable remote syslog (port 514 udp)? (y/n) [y]: ?Enter?

- Remote syslog enabled.

3.6- Setting the configuration to analyze the following logs:
-- /var/log/messages
-- /var/log/auth.log
-- /var/log/syslog
-- /var/log/mail.info
-- /var/log/dpkg.log
-- /var/log/apache2/error.log (apache log)
-- /var/log/apache2/access.log (apache log)

- If you want to monitor any other file, just change

the ossec.conf and add a new localfile entry.
Any questions about the configuration can be answered
by visiting us online at http://www.ossec.net .

--- Press ENTER to continue --- ?Enter?

????Ossec??,???...

???????????:
- System is Debian (Ubuntu or derivative).
- Init script modified to start OSSEC HIDS during boot.

- Configuration finished properly.

- To start OSSEC HIDS:
/var/ossec/bin/ossec-control start

- To stop OSSEC HIDS:
/var/ossec/bin/ossec-control stop

- The configuration can be viewed or modified at /var/ossec/etc/ossec.conf

Thanks for using the OSSEC HIDS.
If you have any question, suggestion or if you find any bug,
contact us at contact@ossec.net or using our public maillist at
ossec-list@ossec.net
(http://www.ossec.net/main/support/).

More information can be found at http://www.ossec.net

--- Press ENTER to finish (maybe more information below). --- ?Enter?

- In order to connect agent and server, you need to add each agent to the server.
Run the 'manage_agents' to add or remove them:

/var/ossec/bin/manage_agents

More information at:
http://www.ossec.net/en/manual.html#ma

B.??ossec.conf?,?Ossec Server??????????????????????????:

Code:

nano -w /var/ossec/etc/ossec.conf

```
<ossec_config>
  <global>
    <email_notification>yes</email_notification>
    <email_to>jackooo@gmail.com</email_to>
    <smtp_server>localhost</smtp_server>
    <email_from>ossecm@dyndns.org</email_from>
  </global>
```

C.?FreePBX??Ossec Server Web??:

1.?FreePBX??Ossec Server Web????,??asterisk?????/etc/group ?ossec????:

Code:

```
sed -i '/ossec:/s|$|asterisk|' /etc/group
```

2.??????????,?????:

Code:

```
reboot
```

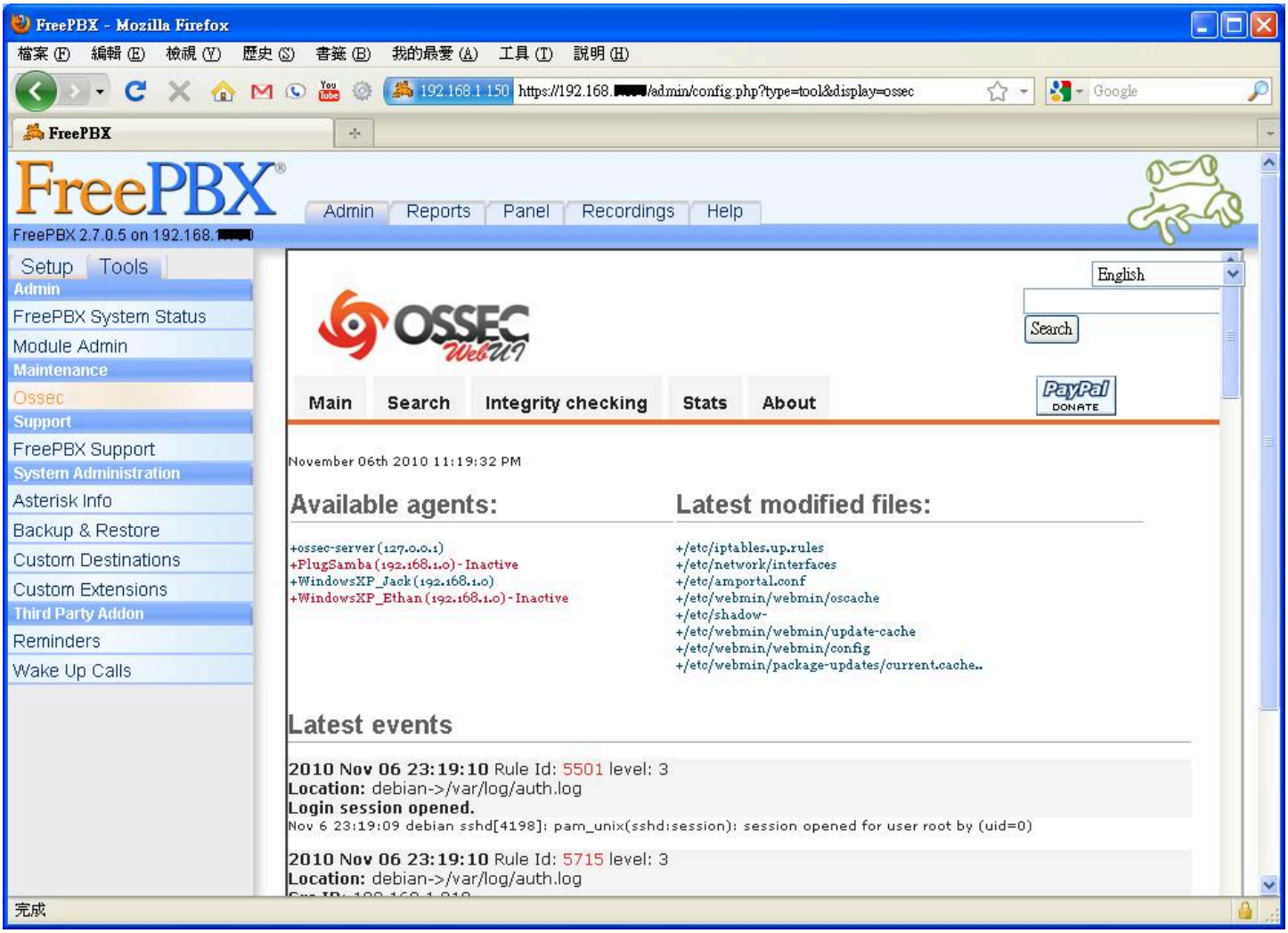
3.???????????OSSEC module - ossec-1.0.2.tgz for FreePBX:

?http://www.fonicaprojects.com/wiki/index.php/FreePBX_Module:_OSSEC ????ossec-1.0.2.tgz??Windows??

??FreePBX-> Tools-> Module Admin-> Upload Module-> ??-> ??-> ossec-1.0.2.tgz

??Upload ???Module Administration-> Maintenance-> OSSEC-> Install

?????,???Tools-> ??OSSEC ???Ossec Server Web??????:



D.??IPTables,??????Windows, Linux???????Ossec Server??????:

Code:

nano -w /etc/iptables.up.rules

Allow connections from Ossec Agents to our Ossec Server
-A INPUT -p udp -m udp -s 192.168.1.0/24 --dport 1514 -j ACCEPT

E.??logger.conf?,??message, full?syslog.local0??????:

Code:

nano -w /etc/asterisk/logger.conf

messages => notice,warning,error
full => notice,warning,error,debug,verbose
syslog.local0 => notice,warning,error

??????? reload:

asterisk -rx "logger reload"

F.?????:

Code:

/var/ossec/bin/ossec-control stop

/var/ossec/bin/ossec-control start

/var/ossec/bin/ossec-control restart

/var/ossec/bin/manage_agents

ps -ef | grep ossec

G.????Asterisk???IP-192.168.1.21???Ossec?????:

1.?????????Asterisk ?????Ossec???????????????email ??:

Received From: debian->/var/log/messages
Rule: 6251 fired (level 10) -> "Multiple failed logins."
Portion of the log(s):

Nov 29 18:13:10 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register:
Registration from '"xlite"<sip:1000@192.168.1.55>' failed for '192.168.1.21' - Wrong password
Nov 29 18:13:00 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register:
Registration from '"xlite"<sip:1000@192.168.1.55>' failed for '192.168.1.21' - Wrong password
Nov 29 18:12:51 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register:
Registration from '"xlite"<sip:1000@192.168.1.55>' failed for '192.168.1.21' - Wrong password
Nov 29 18:12:43 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register:
Registration from '"xlite"<sip:1000@192.168.1.55>' failed for '192.168.1.21' - Wrong password
Nov 29 18:12:34 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register:
Registration from '"xlite"<sip:1000@192.168.1.55>' failed for '192.168.1.21' - Wrong password
Nov 29 18:12:26 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register:
Registration from '"xlite"<sip:1000@192.168.1.55>' failed for '192.168.1.21' - Wrong password
Nov 29 18:12:19 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register:
Registration from '"xlite"<sip:1000@192.168.1.55>' failed for '192.168.1.21' - Wrong password

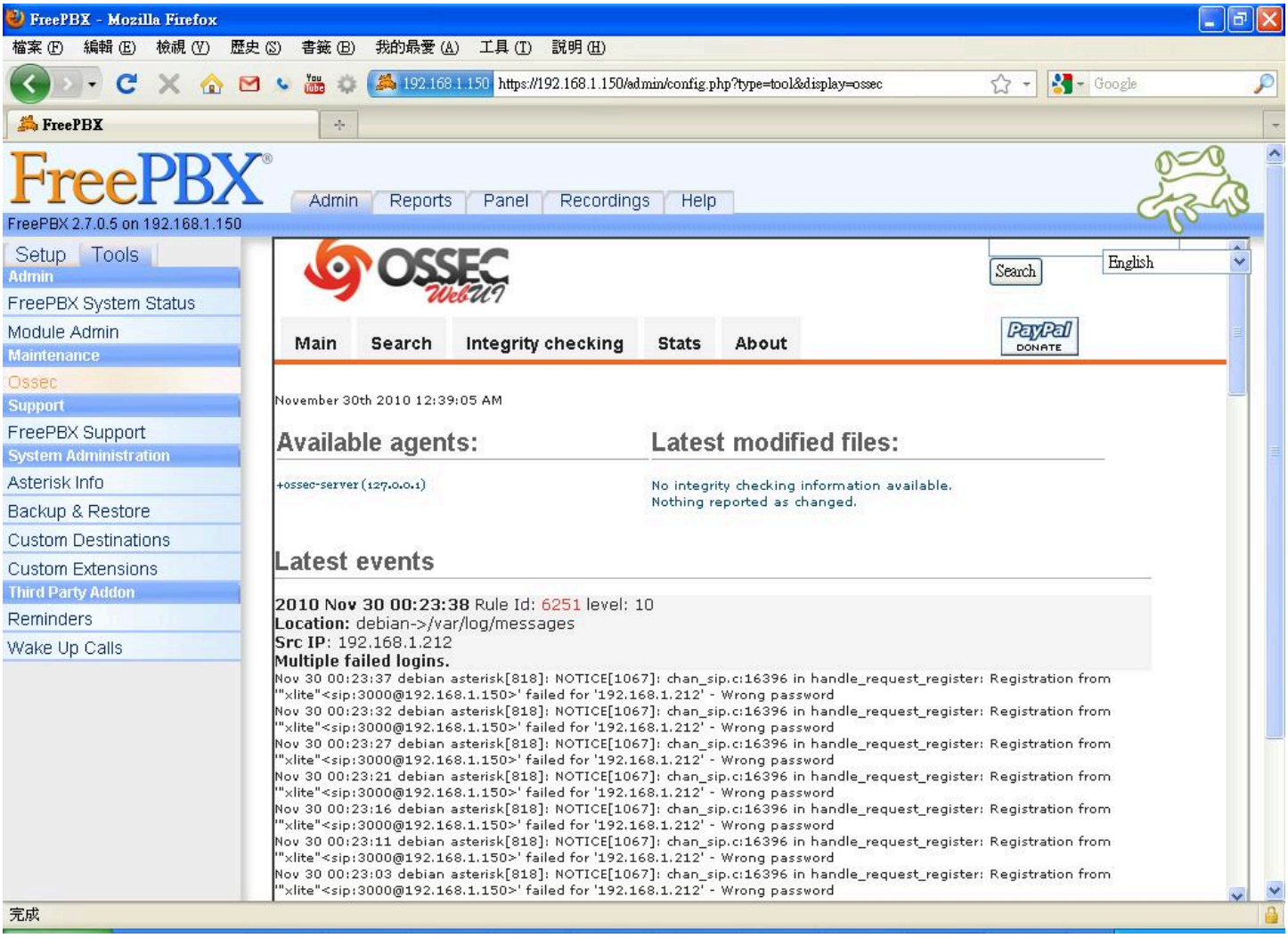
2.?????????????Asterisk ?????Ossec???????????????email ??:

Received From: debian->/var/log/messages
Rule: 6252 fired (level 10) -> "Extension enumeration."
Portion of the log(s):

Nov 29 14:57:09 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register:
Registration from '"xlite"<sip:700@192.168.1.55>' failed for '192.168.1.21' - No matching peer found
Nov 29 14:57:02 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register:
Registration from '"xlite"<sip:700@192.168.1.55>' failed for '192.168.1.21' - No matching peer found

Nov 29 14:56:56 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register: Registration from '"xlite"<sip:700@192.168.1.55>' failed for '192.168.1.21' - No matching peer found
Nov 29 14:56:50 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register: Registration from '"xlite"<sip:700@192.168.1.55>' failed for '192.168.1.21' - No matching peer found
Nov 29 14:56:44 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register: Registration from '"xlite"<sip:700@192.168.1.55>' failed for '192.168.1.21' - No matching peer found
Nov 29 14:56:37 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register: Registration from '"xlite"<sip:700@192.168.1.55>' failed for '192.168.1.21' - No matching peer found
Nov 29 14:56:31 debian asterisk[818]: NOTICE[1067]: chan_sip.c:16396 in handle_request_register: Registration from '"xlite"<sip:700@192.168.1.55>' failed for '192.168.1.21' - No matching peer found

3.?FreePBX??OSSEC???:



??????:

http://www.ossec.net/main/manual/man...ation/#install
http://www.fonicaprojects.com/wiki/i..._Module:_OSSEC

http://www.netadmin.com.tw/article_c...?sn=0810030005
http://www.fonicaprojects.com/wiki/i...caPABX-Install