Security bugtracker

User Manual

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Sommaire

Chapitre 1

Installation

1.1 Overview

Security-bugtracker is a tool based on three dependencies at this time :
— webissues : http ://webissues.mimec.org/
— openvas : http ://www.openvas.org/
— dependency-check : https ://github.com/jeremylong/DependencyCheck

Each of this tool can be installed on different or same server.

Webissues

Dynamic analysis tools :
- openvas

Targets with static analysis tools :
- dependencycheck

Other targets
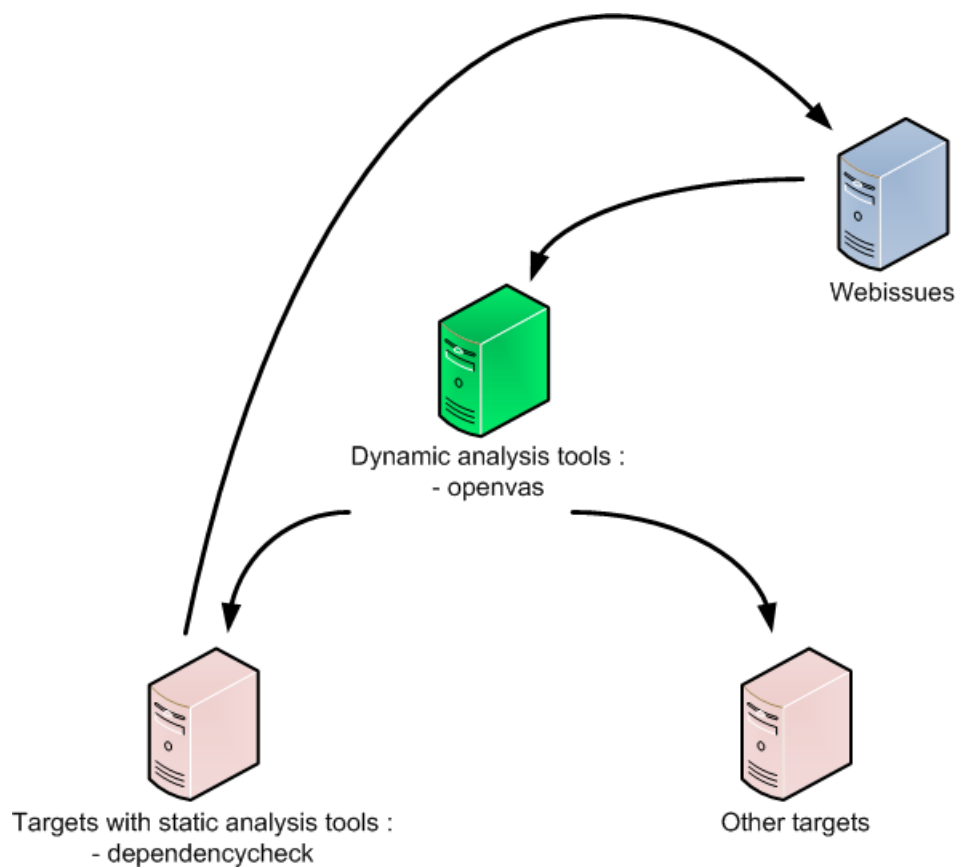
1.2 Openvas

See the documentation on the official web site : http ://www.openvas.org/install-source.html
On the same server install a web server and php, then copy the following module of this project :
/security-bugtracker/security_tools/openvas
Then edit /security-bugracker/security_tools/openvas/openvas.conf.php :

```php
<?php

$CONF_WS_OPENVAS_LOGIN = "test";
$CONF_WS_OPENVAS_PASSWORD = "test";
$CONF_WEBISSUES_OPENVAS_LOGIN = "openvas";
$CONF_WEBISSUES_OPENVAS_PASSWORD = "openvas";
$CONF_WEBISSUES_WS_ENDPOINT = "http://localhost:8080/webissues-server-1.1.4/client/
    webservices.php";
$CONF_OPENVAS_ALERT_URL = "http://localhost:8080/webissues-server-1.1.4/client/
    security_tools/openvas.php";
$CONF_OPENVAS_ADMIN_LOGIN = "admin";
$CONF_OPENVAS_ADMIN_PASSWORD = "0825839c-0d3f-4417-a118-954a78e2553c";
$CONF_OPENVAS_CONFIG_ID = "a0e8fed8-45c1-4890-bd08-671257f63308";
$CONF_OPENVAS_PATH_OMP = "/usr/local/bin/omp";

?>
```

— CONF_WS_OPENVAS_LOGIN
— CONF_WS_OPENVAS_PASSWORD
are the credentials for this module.

— CONF_WEBISSUES_OPENVAS_LOGIN
— CONF_WEBISSUES_OPENVAS_PASSWORD
— CONF_WEBISSUES_WS_ENDPOINT
will be completed later.

— CONF_OPENVAS_ALERT_URL
is the address of this module on this web server.

— CONF_OPENVAS_ADMIN_LOGIN
— CONF_OPENVAS_ADMIN_PASSWORD
are the openvas admin credentials.

— CONF_OPENVAS_CONFIG_ID
is the default config id for run a scan with openvas, check your config with this openvas command

```
linux-3ig5:/home/eric/security-bugracker/documentation # omp -u admin -w 0825839c-0d3f-4417-a118-954
    a78e2553c -p 9393 --get-configs
8715c877-47a0-438d-98a3-27c7a6ab2196  Discovery
085569ce-73ed-11df-83c3-002264764cea  empty
daba56c8-73ec-11df-a475-002264764cea  Full and fast
698f691e-7489-11df-9d8c-002264764cea  Full and fast ultimate
708f25c4-7489-11df-8094-002264764cea  Full and very deep
a0e8fed8-45c1-4890-bd08-671257f63308  Full and very deep Clone 1
74db13d6-7489-11df-91b9-002264764cea  Full and very deep ultimate
2d3f051c-55ba-11e3-bf43-406186ea4fc5  Host Discovery
bbca7412-a950-11e3-9109-406186ea4fc5  System Discovery
```

— CONF_OPENVAS_PATH_OMP
is the path of your omp binary on this server.

1.3 Dependency-check

See the documentation on the official web site : https ://github.com/jeremylong/DependencyCheck

1.4 Webissues

See the documentation on the official web site : http ://wiki.mimec.org/wiki/WebIssues/Installation
Once the bugtracker is installed, copy the following module of this project to your webissues root directory :
/security-bugracker/webissues-server-1.1.4
Next go at this address (replace the name, port, path with rights information on your server) :
http ://localhost :8080/webissues-server-1.1.4/client/securityplugin.php
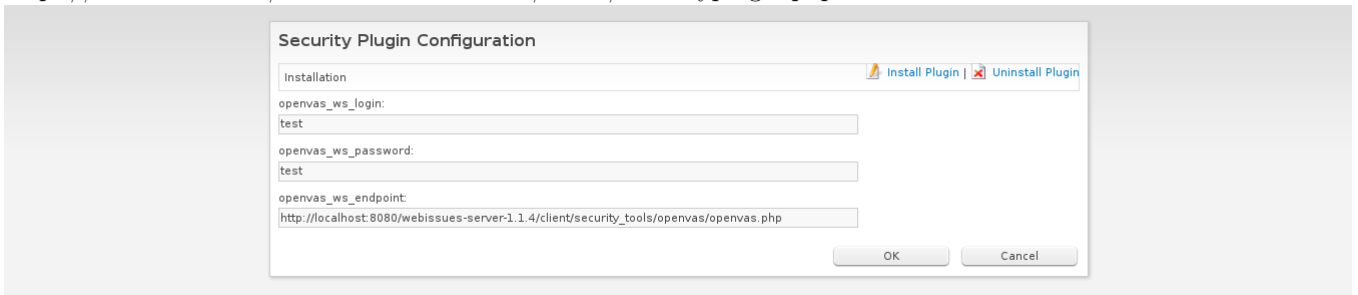
select install plugin and enter choosen values when the openvas module was installed above :

— CONF_WS_OPENVAS_LOGIN
— CONF_WS_OPENVAS_PASSWORD
— CONF_OPENVAS_ALERT_URL

Now create a new openvas user on webissues.

Chapitre 2

Use

2.1 add a project

Don't forget to use basic authentification with a login which have the good rights on webissues when using the webservices.
Add a project with the following web service method or via the traditional him of web issues :

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v1="http
    ://securitybugtracker/V1">
    <soapenv:Header/>
    <soapenv:Body>
        <v1:addproject>
            <name>TEST</name>
            <description>TEST</description>
        </v1:addproject>
    </soapenv:Body>
</soapenv:Envelope>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="
    http://securitybugtracker/V1">
    <SOAP-ENV:Body>
        <ns1:addproject_Response>
            <id_details>
                <id_project>29</id_project>
                <id_folder_bugs>81</id_folder_bugs>
                <id_folder_servers>82</id_folder_servers>
                <id_folder_codes>83</id_folder_codes>
                <id_folder_scans>84</id_folder_scans>
            </id_details>
        </ns1:addproject_Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

2.2 add a member

Add a member for this project (the openvas account created during the installation) :

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v1="http
    ://securitybugtracker/V1">
    <soapenv:Header/>
    <soapenv:Body>
        <v1:addmember>
            <id_user>4</id_user>
            <id_project>29</id_project>
            <access>admin</access>
        </v1:addmember>
    </soapenv:Body>
</soapenv:Envelope>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="
    http://securitybugtracker/V1">
    <SOAP-ENV:Body>
        <ns1:addmember_Response>
            <result_details>
                <result>true</result>
            </result_details>
        </ns1:addmember_Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

2.3   add a server

Add a target server for this project :

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v1="http
    ://securitybugtracker/V1">
    <soapenv:Header/>
    <soapenv:Body>
        <v1:addserver>
            <id_folder_servers>82</id_folder_servers>
            <hostname>eric-pc</hostname>
            <description>eric-pc</description>
            <use>Production</use>
            <ipsaddress>127.0.0.1</ipsaddress>
        </v1:addserver>
    </soapenv:Body>
</soapenv:Envelope>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="
    http://securitybugtracker/V1">
    <SOAP-ENV:Body>
        <ns1:addserver_Response>
            <result_addserver_details>
                <id_server>1676</id_server>
            </result_addserver_details>
        </ns1:addserver_Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

2.4   add a code

Add a target code path for this project :

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v1="http
    ://securitybugtracker/V1">
    <soapenv:Header/>
    <soapenv:Body>
        <v1:addcode>
            <id_folder_codes>83</id_folder_codes>
            <name>java test</name>
            <description>java tes</description>
            <code>/home/eric/test/libs-java</code>
        </v1:addcode>
    </soapenv:Body>
</soapenv:Envelope>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="
    http://securitybugtracker/V1">
    <SOAP-ENV:Body>
        <ns1:addcode_Response>
```

```
            <result_addcode_details>
                <id_code>1680</id_code>
            </result_addcode_details>
        </ns1:addcode_Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

2.5   scan the targets

2.5.1   Dynamic scan with openvas

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v1="http
    ://securitybugtracker/V1">
    <soapenv:Header/>
    <soapenv:Body>
        <v1:addcode>
            <id_folder_codes>83</id_folder_codes>
            <name>java test</name>
            <description>java tes</description>
            <code>/home/eric/test/libs-java</code>
        </v1:addcode>
    </soapenv:Body>
</soapenv:Envelope>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="
    http://securitybugtracker/V1">
    <SOAP-ENV:Body>
        <ns1:addcode_Response>
            <result_addcode_details>
                <id_code>1680</id_code>
            </result_addcode_details>
        </ns1:addcode_Response>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

2.6   Results

You can view the results of your precedings actions with th him of webissues :

Projets

Nom	Type
⊞ 📁 Tous les projets	
⊟ 📁 TEST	
📁 Bugs	Bugs
📁 Codes	Codes
📁 Scans	Scans
📁 Servers	Servers

🔄 Gérer les projets

Scans

📧 Ajouter une demande | 📋 Tout marquer comme lue | 📋 Tout marquer comme non lue | 🖼 Gérer les vues | 👓 Gérer les alertes | 📄 Exporter en CSV

Vue : Toutes les demandes ⌄   📋 Ajouter une vue   🔍 Nom   Rech

ID	Nom	Date de création	severity	time	tool
#1707	📧 test	14/12/2015 06:22	medium	in progress	openvas

Projets

Nom	Type
⊞ 📁 Tous les projets	
⊟ 📁 TEST	
📁 Bugs	Bugs
📁 Codes	Codes
📁 Scans	Scans
📁 Servers	Servers

🔄 Gérer les projets

Bugs

📧 Ajouter une demande | 📋 Tout marquer comme lue | 📋 Tout marquer comme non lue | 🖼 Gérer les vues | 👓 Gérer les alertes | 📄 Exporter en CSV

Vue : Toutes les demandes ⌄   📋 Ajouter une vue   🔍 Nom   Rechercher

ID	Nom	Date de modification	Modifié par	Assigné à	État	Sévérité
#1717	📧 MySQL Authentication Error Message User Enumeration Vulne...	14/12/2015 07:04	openvas		Actif	2
#1721	📧 Check for SSL Weak Ciphers	14/12/2015 07:04	openvas		Actif	2
#1725	📧 Deprecated SSLv2 and SSLv3 Protocol Detection	14/12/2015 07:04	openvas		Actif	2
#1729	📧 DCShop exposes sensitive files	14/12/2015 07:04	openvas		Actif	2
#1733	📧 http TRACE XSS attack	14/12/2015 07:04	openvas		Actif	2
#1737	📧 MySQL weak password	14/12/2015 07:04	openvas		Actif	3
#1741	📧 Proxy accepts CONNECT requests to itself	14/12/2015 07:04	openvas		Actif	3