

PRESS REVIEW ARCHIVE

Digital Media Monitoring & Documentation Service

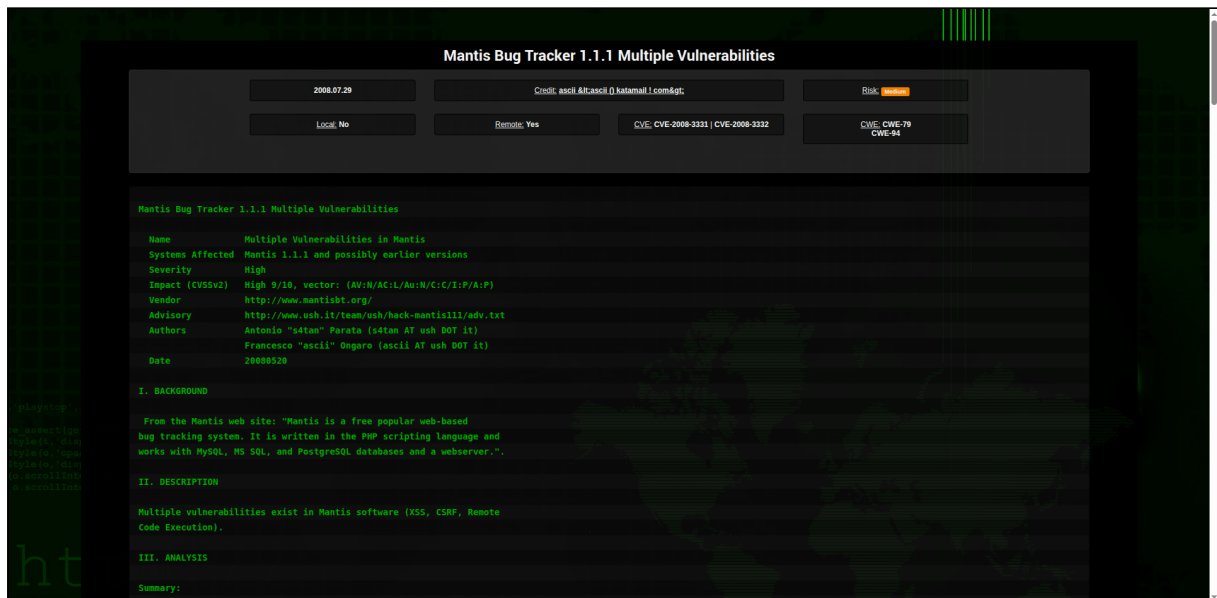
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Page Screenshot



Mantis Bug Tracker 1.1.1 Multiple Vulnerabilities

2008.07.29

Credit: [ascii <ascii \(\) katamail \(\) com>](#)

Risk: Medium

Local: No

Remote: Yes

CVE: CVE-2008-3331 | CVE-2008-3332

CWE: CWE-79
CWE-94

Mantis Bug Tracker 1.1.1 Multiple Vulnerabilities

Name	Multiple Vulnerabilities in Mantis
Systems Affected	Mantis 1.1.1 and possibly earlier versions
Severity	High
Impact (CVSSv2)	High 9/10, vector: (AV:N/AC:L/Au:N/C:C/I:P/A:P)
Vendor	http://www.mantisbt.org/
Advisory	http://www.ush.it/team/ush/hack-mantis111/adv.txt
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Date	20080520

I. BACKGROUND

From the Mantis web site: "Mantis is a free popular web-based bug tracking system. It is written in the PHP scripting language and works with MySQL, MS SQL, and PostgreSQL databases and a webserver."

II. DESCRIPTION

Multiple vulnerabilities exist in Mantis software (XSS, CSRF, Remote Code Execution).

III. ANALYSIS

Summary:

- A) XSS Vulnerabilities
return_dynamic_filters.php (filter_target parameter)
- B) CSRF Vulnerabilities
manage_user_create.php
- C) Remote Code Execution Vulnerabilities
adm_config_set.php (value parameter)

A) XSS Vulnerabilities

We have found an XSS vulnerability in return_dynamic_filters.php. In order to exploit this vulnerability the attacker must be authenticated. Usually the anonymous user is allowed on typical installation, so the impact is a bit higher. The following url is a proof of concept:

[http://www.example.com/mantis/return_dynamic_filters.php?filter_target=<script>alert\(document.cookie\);</script>](http://www.example.com/mantis/return_dynamic_filters.php?filter_target=<script>alert(document.cookie);</script>)

B) CSRF Vulnerabilities

There is a Cross Site Request Forgery vulnerability in the software. If a logged in user with administrator privileges clicks on the following url:

http://www.example.com/mantis/manage_user_create.php?username=foo&realname=aa&password=aa&password_verify=aa&email=foo@attacker.com&access_level=90&protected=0&enabled=1

a new user 'foo' with administrator privileges is created. The password of the new user is sent to foo@attacker.com.

C) Remote Code Execution Vulnerabilities

Finally we present the most critical vulnerability. A Remote Code Execution vulnerability exists in the software, but it can be exploited only if the attacker has a valid administrator account, so it could be ideal if used in conjunction with the previous one. The vulnerability is in the file adm_config_set.php. On row 80 we have the following statement:

Thanks for the notice. The CSRF patch for rev 1.1.2 is in place using just a "POST" check. I have added a more sophisticated token based check to rev 1.2.0 (the patch is attached for review). I should be

[illegible][illegible][illegible]

The wrong attribution of CVE-2008-2276 before our official advisory strengthen our conviction that responsible disclosure isn't always fair.

nUE0p QbiY3q3qL55o3I0 qJWy YzAioF9 3LKEwnQ92 CIEhqzke L0kIMy9S

No CVE at this time.

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20080121 Bug discovered
20080213 Vendor contacted
      -- LONG VENDOR SLOWNESS --
20080512 Last vendor mail about development and compatibility issues
20080515 CVE-2008-2276 wrongly credited to Glenn Henshaw (thraxisp)
20080520 Advisory released (forced disclosure)

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Antonio "s4tan" Parata and Francesco "ascii" Ongaro are credited with the discovery of this vulnerability.

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http://www.mantisbt.org/bugs/changelog_page.php
<http://secunia.com/advisories/30270>
<http://marc.info/?l=bugtraq&m=121130774617956&w=4>

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