		Related CVE, CWE, or OSVDB IDs	Impact Rating
•	oreboard/index.php	CWE-259	н
56, 6 SQL injection scor	reboard/index.php	CWE-89	н
filename for 238,	-admin/admin lines 3, 240; plugins.php e151; update.php e 90	CWE-98	Н
dynamically evaluates swe and executes the Ever input as code (e.g. and remote file includes .Ger	stem.Windows.Brow er.ScriptObjectget_ entTarget() dSystem.Collections eneric.Idictionary <st g,string></st 	CWE-95	Н
appl used Cross-site scripting; the d attacker uses a web gend application to send valid malicious code, it. For generally in the form lines of a browser side especies	y of the game's web olications which ed untrusted data in output they nerates without idating or encoding found in over 100 es of code, pecially in board.php d anything with	CWF-80 CWF-79	M
Code injection by injecting untrusted input into an application that syst dynamically evaluates and executes the input as code (e.g. and remote file includes .Ger 4 and eval injection) Any appl used Cross-site scripting; attacker uses a web application to send valid malicious code, generally in the form of a browser side especies cript, to a different and	stem.Windows.Brower.ScriptObjectget_entTarget() dSystem.Collectionseneric.Idictionary <st g,string=""> y of the game's web olications which ed untrusted data in output they nerates without idating or encoding found in over 100 es of code, pecially in board.php d anything with</st>		

Sensitive information is stored unencrypted 6 in memory	Plupload silverlight; set password(string)	CWE-316	M
Insufficient entropy (random number 7 generator too weak)	Plupload silverlight; string guit(string)	CWE-332	М
Unencrypted sensitive 8 data	class-ftp-sockets.php line 138, class-wp- filesystem-ftpext.php lines 68, 70	CWE-311	М
Using broken or risky cryptographic algorithms (such as 9 MD5 or SHA-1) User is able to specify all or part of a	100 flaws, many in wordpress	CWE-327	М
filename, and thus they are able to fain unauthorized access 10 to files on the server	class-wp-upgrader.php line 1780; shell.php lines 42, 43	CWE-73	М
Software generates an error message that includes sensitive information about its environment, users, or 11 data	dblib.php lines 8, 27; scoreboard/index.php lines 34, 114	CWE-209	L

Critical internal variables or data stores initialized by 12 the user class-phpmailer.php lines 1050, 1065; getid3.lib.php lines 602, 1356; wordpress CWE-454

L

13 Extra services running Netcat scan of the IP

M/H

Impact	Mitigation Do not hardcode passwords or usernames in an easily accessible file but rather store them out-of-	Validation Steps	
Attacker can get root privilege to the database Database information could be stolen or changed. Attacker could access the system as another user. Allows an attacker to execute code remotely including inserting files on the	band from the application code. Encrypt the password and use the hash to login, not the plaintext.	Check developer code for hard-coded passwords/usernames	
	Sanitize and validate user-input (remove any special characters from use input). Avoid dynamically constructing SQL searches.	Automated static and dynamic analysis. Fuzzing, robustness testing, and fault injection.	
local machine and forcing that code to execute.	Validate all user-input and only allow certain, safe inputs.	Automated static analysis to test for input validation.	
Arbitrary code can be executed. Injected code could access restricted data/files. Data could be stolen.	Validate all user-supplied input to ensure that it conforms to the expected format, using centralized data validation routines when possible. In general, avoid executing code derived from untrusted input.	Automated static analysis to test for input neutralization. Check that programmers never use eval().	
Able to execute malicious code in the victim's browser. Attacker can steal cookies, modify content, and take confidential information.	Validate/sanitize user input. Restrict special characters, specifically html tags "<", ">" and "&".	Automated static analysis. Use the XSS Cheet Sheet (referenced by the CWE) which tests a variety of attacks specifically designed against weak XSS defense.	

Anything that is stored in the open. susceptible to theft. Attacker could guess the random numbers generated and gain unauthorized access to a system if the random numbers are used for authentication or authorization. Exposes potentially sensitive data (such as passwords) into a function unencrypted. If data is being transferred over a network, someone could sniff the network for this unencrypted data. Any information encrypted with those algorithms is at risk of being exposed or stolen.

Do not store sensitive data without encryption. Minimize the time sensitive information is kept in such as passwords, is memory, and clear that memory after use.

Automatic static and dynamic analysis. Manual analysis and checking. Using a language (like C) that has proper garbage collection/memory recycling that limits information staying in memory for longer than necessary.

Use a cryptographic random number generator (for things like session keys).

Code analysis for any standard random function used (using the built in rand library in PHP, Java, etc.).

Protect all sensitive information via encryption and ensure information is not unnecessarily exposed to others.

Automated and manual analysis to measure the entropy of an input/output source (which may indicate the use or lack of encryption).

Use another algorithm, such as SHA-2 or SHA-3

Automated or manual analysis looking for any use of broken functions.

Attacker could access Validate use input to ensure it or modify system files conforms to the expected format.

Automated static analysis. Look for instances where any user input is used to interact with files.

Sensitive information may be exposed via error message. This information may be used for a later attack on the server.

Use only generic error messages

Manual and automated analysis.

Attacker could gain access to and modify sensitive data or system information. Attacker could also use this for a buffer overflow attack. code.

Running an ftp service or having any sort of open port that could be easily broken into exposes possible user control of that computer or server; possibly even root access.

potentially resulting in Don't allow users to initialize execution of arbitrary important variables and limit the size of data copied.

Automated static analysis.

Do not leave unnecessary services Run network scans, using running or open. Make sure to have something such as netcat, to strong passwords for any necessary make sure there are no services.

unnecessary services.