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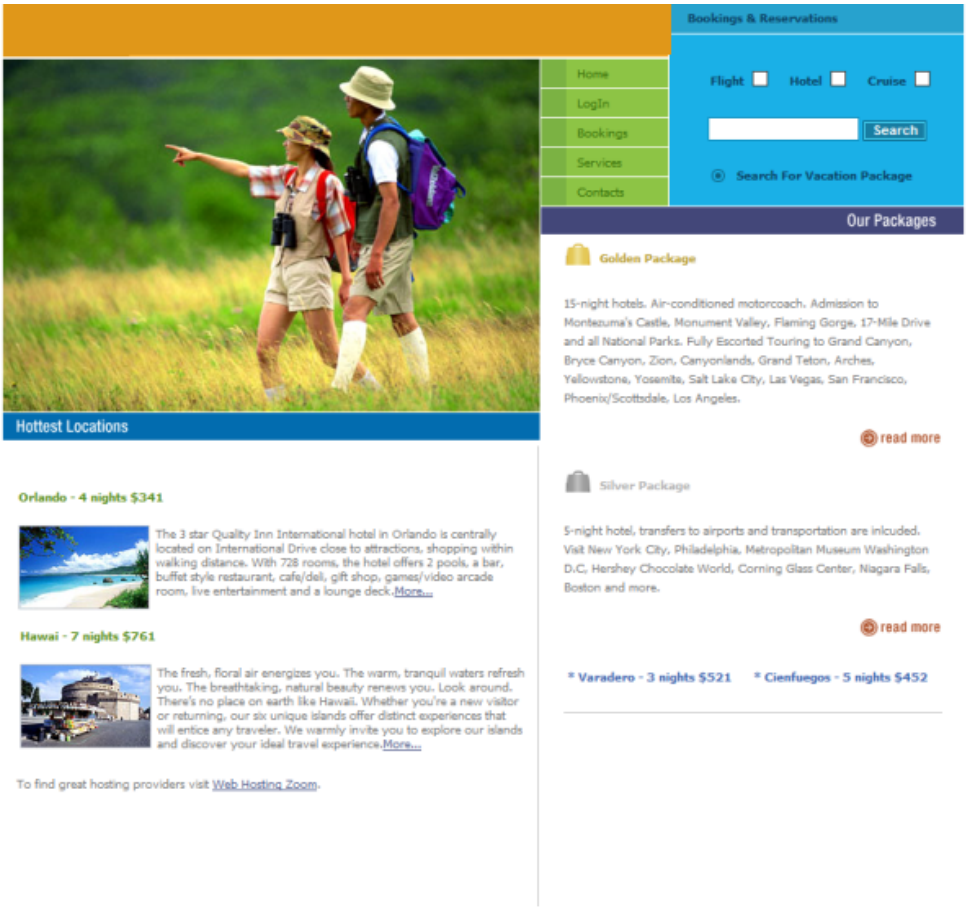
Web Vulnerability Assessment Report

Target Scanned:	www.vulnerable-website.com
Report Generated:	Tue Mar 22 12:38:07 2016
Identified Vulnerabilities:	27
Threat Level:	High

GamaScan

Screenshot of www.vulnerable-website.com HomePage



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© GamaSec Web Vulnerability Assessment Report

Target Scanned :	www.vulnerable-website.com:80
Report Generated :	Tue Mar 22 12:38:07 2016

GamaScan has identified over 20 vulnerabilities, you should manually verify them to eliminate False-Positive results.

Table Of Contents

Introduction

"Explore Your Web Vulnerabilities"

A remote web vulnerability assessment was conducted by GamaScan against the web-interfaced system. The purpose of this assessment was to remotely identify and quantify vulnerabilities or potential threats in the web-interfaced system before they are exploited by attackers. The tests performed by GamaScan are customized dynamically to the scanned target and includes thousands of known vulnerabilities,dynamic tests and web application vulnerabilities.

By assessing the web-interfaced system remotely GamaScan accurately mimicking the attacker's view.

GamaScan Automated Web-Application Vulnerability Assessment Service Key features:

- Zero time setup.
- No software installation.
- No special hardware.
- No special training.
- Pre defined or customizable scans.
- Detailed, Crystal clear, reports.
- Constant updates.

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Executive Summary

This section provides an overview of the vulnerability assessment results and shows the distribution of vulnerabilities by severity level and by category.

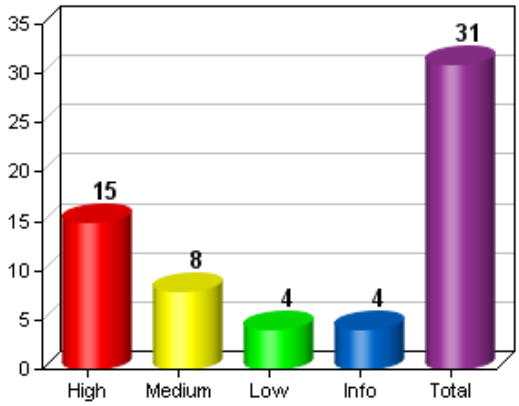
Security Threat Level

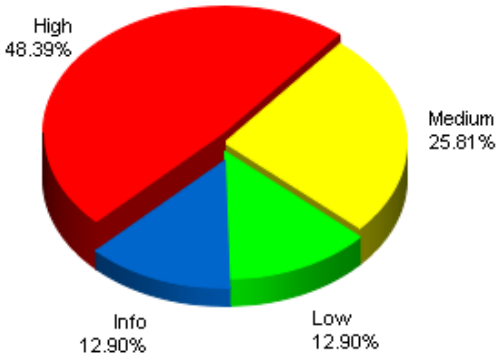
This graph presents the security threat level based on the vulnerabilities identified by GamaScan.The "Threat Level" is classified as being of Informational, Low, Medium or High severity.

Vulnerabilities by Severity

This section shows the number of vulnerabilities identified by GamaScan, grouped according to their severity levels. vulnerabilities are classified as being of High, Medium, Low or Informational severity.

High	15
Medium	8
Low	4
Info	4





Tests Overview	
This section shows the performed security tests and their results.	
Test Category	**Test Result**
Web Servers	**Pass**
Web Server Technologies	**Pass**
HTTP Methods	**Pass**
Directory Indexing	**Pass**
Directory Access	**Pass**
Directory Permissions	**Pass**
Sensitive/Common Files	**Pass**
Backup Files	**Pass**
SQL Injection	**Fail**
XPath Injection	**Pass**
CRLF Injection	**Pass**
LDAP Injection	**Pass**
Cookie Manipulation	**Fail**
Source Code Disclosure	**Pass**
Directory Traversal	**Pass**
Installation Path Disclosure	**Pass**
Platform Exception	**Pass**
Script Language Error	**Pass**
Cross-Site Scripting	**Pass**
Cross-Frame Scripting	**Fail**
URL Redirection	**Fail**
Command Execution	**Pass**
PHP Code Injection	**Fail**
Remote File Inclusion	**Pass**
Internal IP Disclosure	**Pass**

Vulnerability Descriptions	
This section shows the common application vulnerabilities with their risk.	
Vulnerability	**Description**
SQL injection	SQL injection may allow a remote attacker to inject or manipulate SQL queries in the back-end database, allowing for the manipulation or disclosure of arbitrary data.
CRLF Injection	CRLF Injection may allow an attacker to inject CRLF sequences within a Location element of an HTTP response header, helping to facilitate XSS and other attacks.
LDAP Injection	LDAP Injection may allow an attacker to inject arbitrary LDAP queries, this can lead to disclosure of sensitive information.
XPath Injection	XPath Injection may allow an attacker to inject or manipulate XQueries, this can lead to disclosure of sensitive information.
Cross-Site Scripting (XSS)	Cross-Site Scripting may allow an attacker to create a specially crafted request that would execute arbitrary script code in a user's browser session within the trust relationship between their browser and the server.
Cross-Frame Scripting (XFS)	Cross-Frame Scriptings may allow an attacker to use one web page to load content from another, concealing the origin of one web site. This method is useful in phishing attacks, to load legitimate content from one site, while loading a malicious form embedded in that content.
URL Redirection	URL Redirection may allow an attacker to create a specially crafted URL, that if clicked, would redirect a victim from the intended legitimate web site to an arbitrary web site of the attacker's choosing. Such attacks are useful as the crafted URL initially appear to be a web page of a trusted site. This could be leveraged to direct an unsuspecting user to a web page containing attacks that target client side software such as a web browser or document rendering programs.
Cookie Manipulation	Cookie Manipulation may allow an attacker to alter or modify the cookies values on the clients web browser. This flaw may lead to an attacker gaining unauthorised access, leading to a loss of integrity.
Installation Path Disclosure	Installation Path Disclosure vulnerability disclose the web root's installation path resulting in a loss of confidentiality, it is often useful in carrying out additional, more focused attacks.
Internal IP Disclosure	Internal IP Disclosure may allow an attacker to gain better knowledge of the internal networking scheme, making subsequent attackers more easy.
Directory Traversal	Directory Traversal may allow an attacker to access arbitrary files outside of the web path.
Exception Handling	Exception error message may provide attacker useful attack information, it is often useful in carrying out additional, more focused attacks.
Source Code Disclosure	Source Code Disclosure vulnerability disclose the source code of the application to a remote attacker.
Command Execution	Command Execution may allow an attacker to inject arbitrary OS commands that will be executed on the web server, this can lead to complete host takeover.
PHP Code Injection	PHP Code Injection may allow an attacker to inject PHP code that will be executed on the web server.
Remote File Inclusion	Remote File Inclusion may allow an attacker to include a file from a third-party remote host that contains commands or code that will be executed by the vulnerable script with the same privileges as the web server.
HTTP Methods	Misconfigured web server supporting a potentially dangerous HTTP methods like DELETE, PUT, TRACE, TRACK may lead to disclosure of sensitive information and to additional, more focused attacks.
Security / Server Misconfiguration	Security Misconfiguration may allow an attacker to gain access to default files, sample files, configuration files, sensitive files, common files, unprotected files, unprotected directories and unsecure admin interface. this can lead to disclosure of sensitive information and to complete host takeover.

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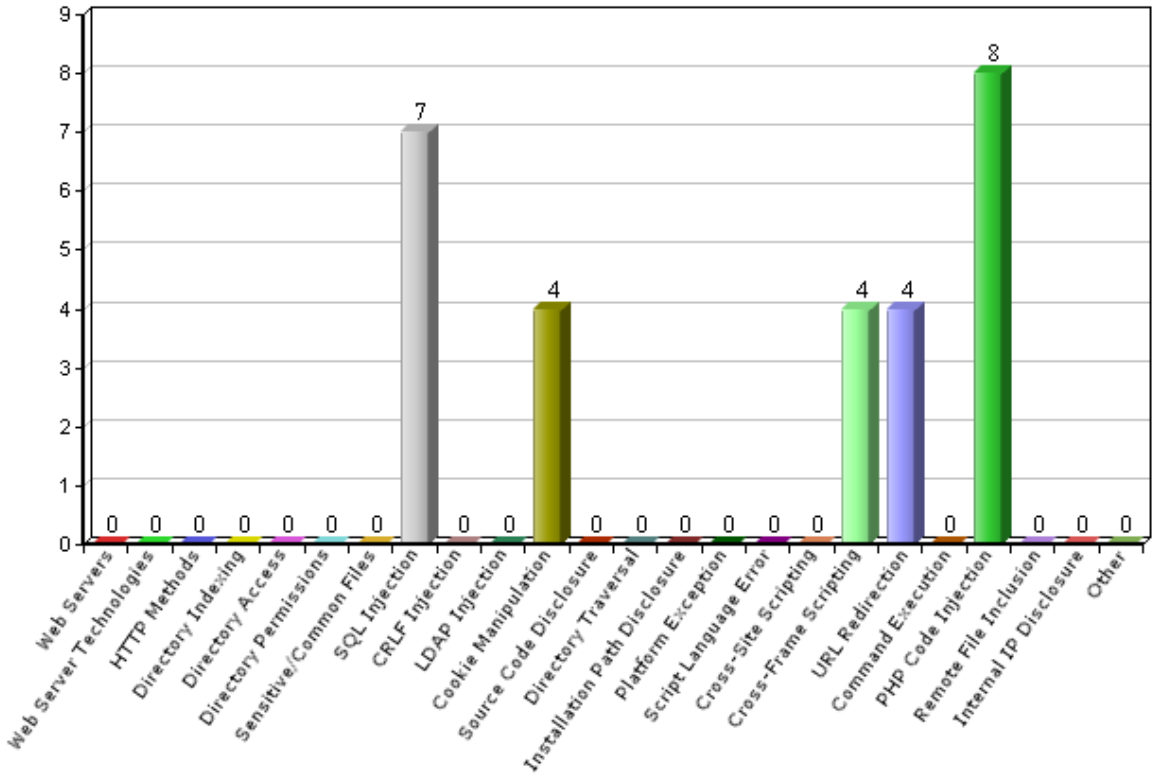
Vulnerabilities by Category

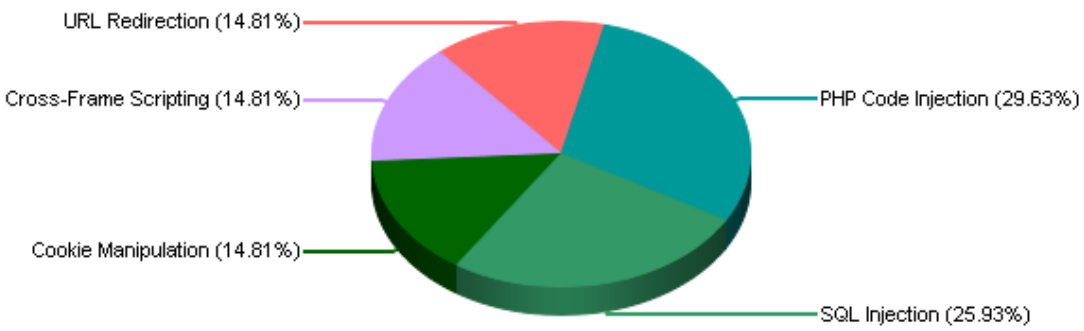
This section shows the number of vulnerabilities identified by GamaScan, grouped according to their categories.

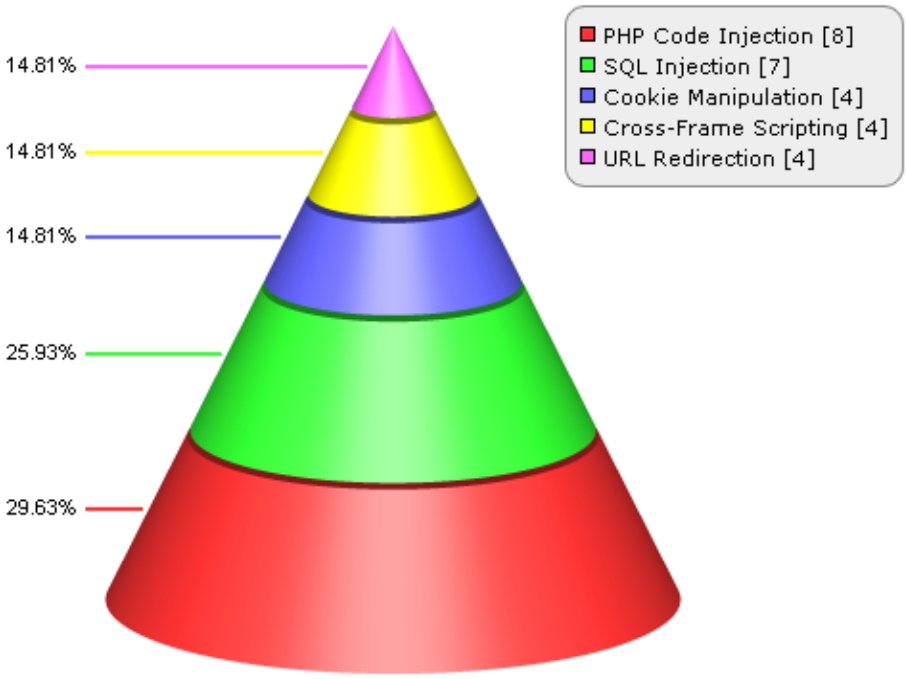
Number of Vulnerabilities by Category

Category	Number Of Vulnerabilities
SQL Injection	7 25.92%
Cookie Manipulation	4 14.81%
Cross-Frame Scripting	4 14.81%
URL Redirection	4 14.81%
PHP Code Injection	8 29.62%



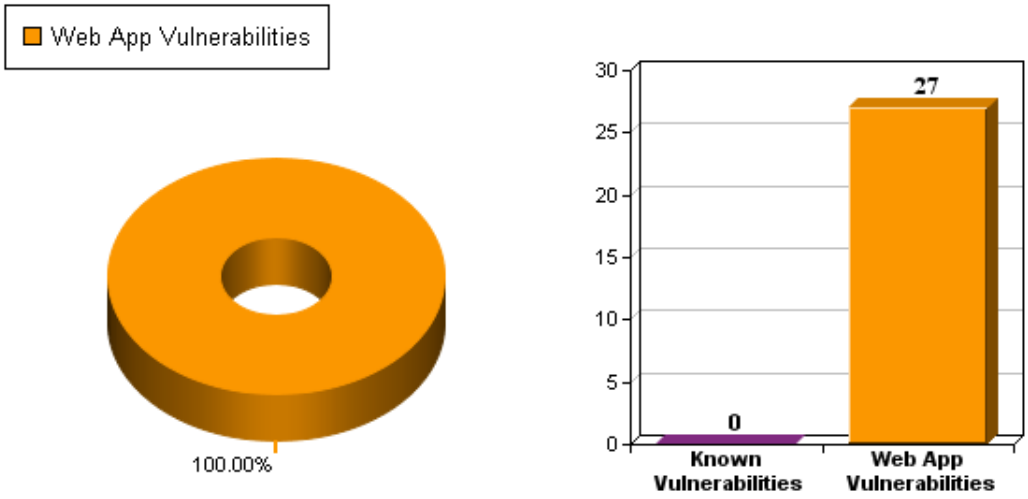
Percent of Vulnerabilities by Category





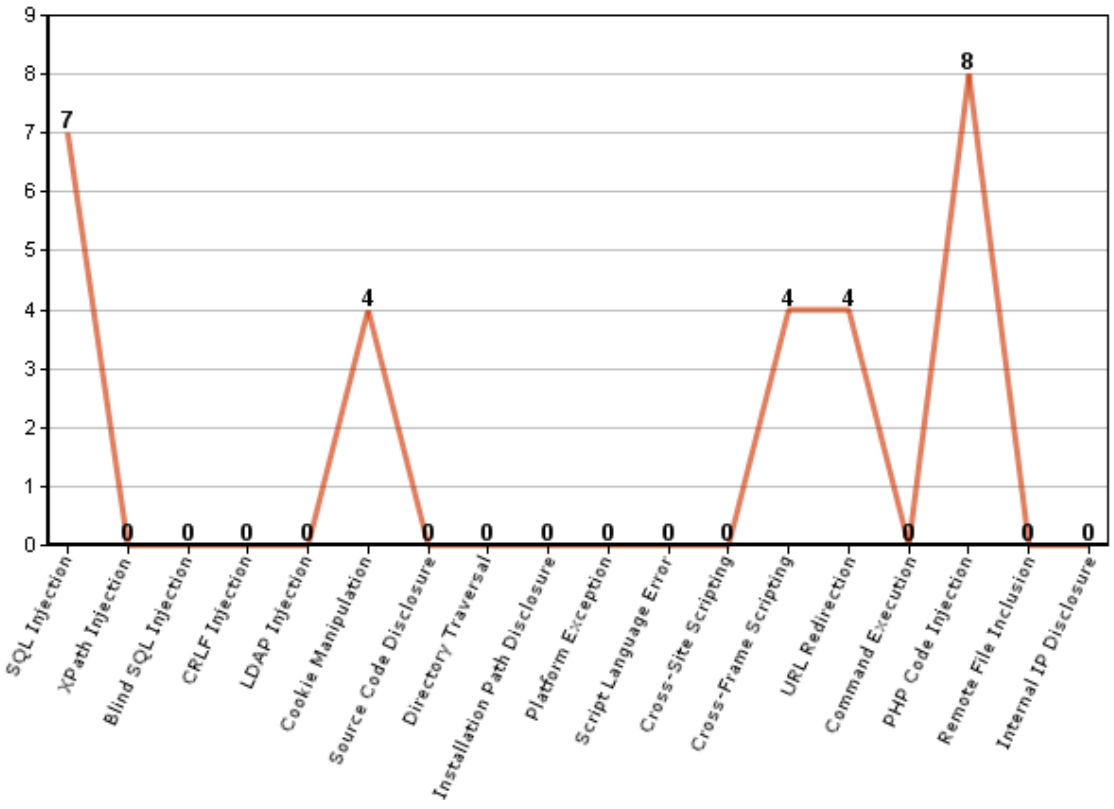
Vulnerabilities by Attacks Category

This chart shows the distribution of vulnerabilities by "Known Vulnerabilities" and by "Web Application Vulnerabilities"."Known Vulnerabilites" are identified using known attack signatures."Web Application Vulnerabilities" are identified using web attacks customized to the scanned web application.



Vulnerabilities by "Web Application" Category

This chart shows the distribution of vulnerabilities identified using web attacks customized to the scanned web application.



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Technical Details

This section provides details on the open ports, web server, vulnerabilities and threats identified on the web-interfaced system.

Port Scan

This table shows the open ports on the system. not each open port is a security threat, but open ports on the system are invitations to attackers. In general, the number of open ports should be kept to a minimum and only the mission-critical ports should be open.

Port Number	Service	Description
80 (tcp)	http	World Wide Web HTTP
443 (tcp)	https	secure http (SSL)

Web Server

This table provides general details on the web server identified by GamaScan.

Target Banner	Unknown
HTTP Methods	
Cookie	pron_ip=7; path=/;

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Vulnerability Findings
This section provides technical details on the vulnerabilities identified by GamaScan, vulnerabilities are classified as being of High, Medium, Low or Informational severity and grouped according to their severity levels.

High Severity Findings

Possibility of SQL Injection
Script: Search.aspx **Variable:** txtSearch
Value: '

Description

GamaScan has identified a flaw that may allow an attacker to carry out an SQL injection attack.This flaw exists because the application does not properlysanitizing user-supplied input to the variable.This may allow an attacker to inject or manipulateSQL queries in the backend database.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
checkbox	flight
checkbox	hotel
checkbox	cruise
text	txtSearch
submit	Button1

Scan Request

www.vulnerable-website.com:80/Search.aspx?key='

Recommendation

It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input.

External References:

- Wikipedia
- sqlsecurity

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Possibility of PHP Code Injection **Script:** Search.aspx **Variable:** txtSearch **Value:** print(md5(1234567));exit;	
Description	GamaScan has identified a flaw that may allow an attacker to compromise the system. The flaw occurs due to use of unsanitized user-supplied data being used in a PHP eval() function call.It is possible that the flaw may allow arbitrary PHP code execution resulting in a loss of integrity.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
checkbox	flight
checkbox	hotel
checkbox	cruise
text	txtSearch
submit	Button1

Scan Request	www.vulnerable-website.com:80/Search.aspx?key=print(md5(1234567));exit;
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** PHP wikipedia

Possibility of SQL Injection **Script:** Bookings.aspx **Variable:** CityName **Value:** '	
Description	GamaScan has identified a flaw that may allow an attacker to carry out an SQL injection attack.This flaw exists because the application does not properlysanitizing user-supplied input to the variable.This may allow an attacker to inject or manipulateSQL queries in the backend database.
Scan Request	www.vulnerable-website.com:80/Bookings.aspx?CityName='&CuntryID=2
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** Wikipedia sqlsecurity

Possibility of PHP Code Injection **Script:** Bookings.aspx **Variable:** CityName **Value:** print(md5(1234567));exit;	
Description	GamaScan has identified a flaw that may allow an attacker to compromise the system. The flaw occurs due to use of unsanitized user-supplied data being used in a PHP eval() function call.It is possible that the flaw may allow arbitrary PHP code execution resulting in a loss of integrity.
Scan Request	www.vulnerable-website.com:80/Bookings.aspx? CityName=print(md5(1234567));exit;&CuntryID=2
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** PHP wikipedia

Possibility of SQL Injection **Script:** Bookings.aspx **Variable:** CuntryID **Value:** '	
Description	GamaScan has identified a flaw that may allow an attacker to carry out an SQL injection attack.This flaw exists because the application does not properlysanitizing user-supplied input to the variable.This may allow an attacker to inject or manipulateSQL queries in the backend database.
Scan Request	www.vulnerable-website.com:80/Bookings.aspx?CityName=Orlando%20-%204%20nights%20$341&CuntryID='
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** Wikipedia sqlsecurity

Possibility of PHP Code Injection **Script:** Bookings.aspx **Variable:** CuntryID **Value:** print(md5(1234567));exit;	
Description	GamaScan has identified a flaw that may allow an attacker to compromise the system. The flaw occurs due to use of unsanitized user-supplied data being used in a PHP eval() function call.It is possible that the flaw may allow arbitrary PHP code execution resulting in a loss of integrity.
Scan Request	www.vulnerable-website.com:80/Bookings.aspx?CityName=Orlando%20-%204%20nights%20$341&CuntryID=print(md5(1234567));exit;
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** PHP wikipedia

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Possibility of PHP Code Injection **Script:** LogIn.aspx **Variable:** txtUserName **Value:** print(md5(1234567));exit;	
Description	GamaScan has identified a flaw that may allow an attacker to compromise the system. The flaw occurs due to use of unsanitized user-supplied data being used in a PHP eval() function call.It is possible that the flaw may allow arbitrary PHP code execution resulting in a loss of integrity. Form Method: POST The Form Inputs **Type** / **Name** hidden / __LASTFOCUS hidden / __VIEWSTATE hidden / __VIEWSTATEGENERATOR hidden / __EVENTTARGET hidden / __EVENTARGUMENT hidden / __EVENTVALIDATION text / txtUserName password / txtPassword submit / btnLogIn
Scan Request	www.vulnerable-website.com:80/LogIn.aspx?UserName=print(md5(1234567));exit;
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** PHP wikipedia

Possibility of SQL Injection **Script:** Orders.aspx **Variable:** CityName **Value:** '	
Description	GamaScan has identified a flaw that may allow an attacker to carry out an SQL injection attack.This flaw exists because the application does not properlysanitizing user-supplied input to the variable.This may allow an attacker to inject or manipulateSQL queries in the backend database.
Scan Request	www.vulnerable-website.com:80/Orders.aspx?CityName='&CuntryID=1
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** Wikipedia sqlsecurity

Possibility of PHP Code Injection **Script:** Orders.aspx **Variable:** CityName **Value:** print(md5(1234567));exit;	
Description	GamaScan has identified a flaw that may allow an attacker to compromise the system. The flaw occurs due to use of unsanitized user-supplied data being used in a PHP eval() function call.It is possible that the flaw may allow arbitrary PHP code execution resulting in a loss of integrity.
Scan Request	www.vulnerable-website.com:80/Orders.aspx? CityName=print(md5(1234567));exit;&CuntryID=1
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** PHP wikipedia

Possibility of SQL Injection **Script:** Orders.aspx **Variable:** CuntryID **Value:** %27	
Description	GamaScan has identified a flaw that may allow an attacker to carry out an SQL injection attack.This flaw exists because the application does not properlysanitizing user-supplied input to the variable.This may allow an attacker to inject or manipulateSQL queries in the backend database.
Scan Request	www.vulnerable-website.com:80/Orders.aspx?CityName=Hawai%20-%207%20nights%20$761&CuntryID=%27
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** Wikipedia sqlsecurity

Possibility of PHP Code Injection **Script:** Orders.aspx **Variable:** CuntryID **Value:** print(md5(1234567));exit;	
Description	GamaScan has identified a flaw that may allow an attacker to compromise the system. The flaw occurs due to use of unsanitized user-supplied data being used in a PHP eval() function call.It is possible that the flaw may allow arbitrary PHP code execution resulting in a loss of integrity.
Scan Request	www.vulnerable-website.com:80/Orders.aspx?CityName=Hawai%20-%207%20nights%20$761&CuntryID=print(md5(1234567));exit;
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** PHP wikipedia

Possibility of SQL Injection **Script:** Search.aspx **Variable:** key **Value:** '	
Description	GamaScan has identified a flaw that may allow an attacker to carry out an SQL injection attack.This flaw exists because the application does not properlysanitizing user-supplied input to the variable.This may allow an attacker to inject or manipulateSQL queries in the backend database.
Scan Request	www.vulnerable-website.com:80/Search.aspx?key='
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** Wikipedia sqlsecurity

Possibility of PHP Code Injection **Script:** Search.aspx **Variable:** key **Value:** print(md5(1234567));exit;	
Description	GamaScan has identified a flaw that may allow an attacker to compromise the system. The flaw occurs due to use of unsanitized user-supplied data being used in a PHP eval() function call.It is possible that the flaw may allow arbitrary PHP code execution resulting in a loss of integrity.
Scan Request	www.vulnerable-website.com:80/Search.aspx?key=print(md5(1234567));exit;
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** PHP wikipedia

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Possibility of SQL Injection
Script: View.aspx **Variable:** txtSearch
Value: '

Description

GamaScan has identified a flaw that may allow an attacker to carry out an SQL injection attack.This flaw exists because the application does not properlysanitizing user-supplied input to the variable.This may allow an attacker to inject or manipulateSQL queries in the backend database.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
checkbox	flight
checkbox	hotel
checkbox	cruise
text	txtSearch
submit	Button1

Scan Request

www.vulnerable-website.com:80/View.aspx?nameid='

Recommendation

It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input.

External References:

- Wikipedia
- sqlsecurity

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Possibility of PHP Code Injection
Script: View.aspx **Variable:** txtSearch
Value: print(md5(1234567));exit;

Description

GamaScan has identified a flaw that may allow an attacker to compromise the system. The flaw occurs due to use of unsanitized user-supplied data being used in a PHP eval() function call.It is possible that the flaw may allow arbitrary PHP code execution resulting in a loss of integrity.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
checkbox	flight
checkbox	hotel
checkbox	cruise
text	txtSearch
submit	Button1

Scan Request

www.vulnerable-website.com:80/View.aspx?nameid=print(md5(1234567));exit;

Recommendation

It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input.

External References:

PHP
wikipedia

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Medium Severity Findings

Possibility of Cross Frame Scripting
Script: Search.aspx **Variable:** txtSearch
Value: "></script><iframe src=http://www.gamascan.com>

Description

GamaScan has identified a flaw that may allow an attacker to bypass certain frame restrictions.The flaw occurs due to use of unsanitized user-supplied data, which may allow an attacker to conduct phishing attacks.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
checkbox	flight
checkbox	hotel
checkbox	cruise
text	txtSearch
submit	Button1

Scan Request

www.vulnerable-website.com:80/Search.aspx?key="></script><iframe%20src=http://www.gamascan.com>

Recommendation

It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input.

External References:

owasp

Possibility of Cookie Manipulation
Script: Search.aspx **Variable:** txtSearch
Value: "><meta http-equiv="Set-cookie" content="GamaScan=CM">

Description

GamaScan has identified a flaw that may allow an attacker to inject a META tag.The flaw occurs due to use of unsanitized user-supplied data , which enables attacker to alter or modify the cookies values, on the clients web browser. This flaw may lead to an attacker gaining unauthorised access, leading to a loss of integrity.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
checkbox	flight
checkbox	hotel
checkbox	cruise
text	txtSearch
submit	Button1

Scan Request

www.vulnerable-website.com:80/Search.aspx?key="><meta%20http-equiv="Set-cookie"%20content="GamaScan=CM">

Recommendation

It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input.

External References:

owasp
cgisecurity

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Possibility of Cross Frame Scripting
Script: LogIn.aspx **Variable:** txtUserName
Value: "></script><iframe src=http://www.gamascan.com>

Description

GamaScan has identified a flaw that may allow an attacker to bypass certain frame restrictions.The flaw occurs due to use of unsanitized user-supplied data, which may allow an attacker to conduct phishing attacks.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
text	txtUserName
password	txtPassword
submit	btnLogIn

Scan Request

www.vulnerable-website.com:80/LogIn.aspx?UserName="></script><iframe%20src=http://www.gamascan.com>

Recommendation

It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input.

External References:

owasp

Possibility of Cookie Manipulation **Script:** LogIn.aspx **Variable:** txtUserName **Value:** "><meta http-equiv="Set-cookie" content="GamaScan=CM">	
Description	GamaScan has identified a flaw that may allow an attacker to inject a META tag.The flaw occurs due to use of unsanitized user-supplied data , which enables attacker to alter or modify the cookies values, on the clients web browser. This flaw may lead to an attacker gaining unauthorised access, leading to a loss of integrity.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
text	txtUserName
password	txtPassword
submit	btnLogIn

Scan Request	www.vulnerable-website.com:80/LogIn.aspx?UserName="><meta%20http-equiv="Set-cookie"%20content="GamaScan=CM">
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** owasp cgisecurity

Possibility of Cross-Frame Scripting **Script:** Search.aspx **Variable:** key **Value:** "></script><iframe src=http://www.gamascan.com>	
Description	GamaScan has identified a flaw that may allow an attacker to bypass certain frame restrictions.The flaw occurs due to use of unsanitized user-supplied data, which may allow an attacker to conduct phishing attacks.
Scan Request	www.vulnerable-website.com:80/Search.aspx?key="></script><iframe%20src=http://www.gamascan.com>
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** owasp

Possibility of Cookie Manipulation **Script:** Search.aspx **Variable:** key **Value:** "><meta http-equiv="Set-cookie" content="GamaScan=CM">	
Description	GamaScan has identified a flaw that may allow an attacker to inject a META tag.The flaw occurs due to use of unsanitized user-supplied data , which enables attacker to alter or modify the cookies values, on the clients web browser. This flaw may lead to an attacker gaining unauthorised access, leading to a loss of integrity.
Scan Request	www.vulnerable-website.com:80/Search.aspx?key="><meta%20http-equiv="Set-cookie"%20content="GamaScan=CM">
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** owasp cgisecurity

Possibility of Cross Frame Scripting
Script: View.aspx **Variable:** txtSearch
Value: "></script><iframe src=http://www.gamascan.com>

Description

GamaScan has identified a flaw that may allow an attacker to bypass certain frame restrictions.The flaw occurs due to use of unsanitized user-supplied data, which may allow an attacker to conduct phishing attacks.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
checkbox	flight
checkbox	hotel
checkbox	cruise
text	txtSearch
submit	Button1

Scan Request

www.vulnerable-website.com:80/View.aspx?nameid="></script><iframe%20src=http://www.gamascan.com>

Recommendation

It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input.

External References:

owasp

Possibility of Cookie Manipulation
Script: View.aspx **Variable:** txtSearch
Value: "><meta http-equiv="Set-cookie" content="GamaScan=CM">

Description

GamaScan has identified a flaw that may allow an attacker to inject a META tag.The flaw occurs due to use of unsanitized user-supplied data , which enables attacker to alter or modify the cookies values, on the clients web browser. This flaw may lead to an attacker gaining unauthorised access, leading to a loss of integrity.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
checkbox	flight
checkbox	hotel
checkbox	cruise
text	txtSearch
submit	Button1

Scan Request

www.vulnerable-website.com:80/View.aspx?nameid="><meta%20http-equiv="Set-cookie"%20content="GamaScan=CM">

Recommendation

It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input.

External References:

owasp
cgisecurity

GamaSec
Innovative Website Security

Low Severity Findings

Possibility of URL redirection **Script:** Search.aspx **Variable:** txtSearch **Value:** "><meta http-equiv="Refresh" content="0;url=http://www.gamascan.com/">	
Description	GamaScan has identified a flaw that may allow an attacker to redirect visitors from your website to another one. The flaw occurs due to use of unsanitized user-supplied data, which may allow an attacker to conduct phishing attacks. Form Method: POST The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
checkbox	flight
checkbox	hotel
checkbox	cruise
text	txtSearch
submit	Button1

Scan Request	www.vulnerable-website.com:80/Search.aspx?key="><meta%20http-equiv="Refresh"%20content="0;url=http://www.gamascan.com/">
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** wikipedia

Possibility of URL redirection **Script:** LogIn.aspx **Variable:** txtUserName **Value:** "><meta http-equiv="Refresh" content="0;url=http://www.gamascan.com/">	
Description	GamaScan has identified a flaw that may allow an attacker to redirect visitors from your website to another one. The flaw occurs due to use of unsanitized user-supplied data, which may allow an attacker to conduct phishing attacks. Form Method: POST The Form Inputs **Type** / **Name**: hidden — __LASTFOCUS hidden — __VIEWSTATE hidden — __VIEWSTATEGENERATOR hidden — __EVENTTARGET hidden — __EVENTARGUMENT hidden — __EVENTVALIDATION text — txtUserName password — txtPassword submit — btnLogIn
Scan Request	www.vulnerable-website.com:80/LogIn.aspx?UserName="><meta%20http-equiv="Refresh"%20content="0;url=http://www.gamascan.com/">
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** wikipedia

Possibility of URL redirection **Script:** Search.aspx **Variable:** key **Value:** "><meta http-equiv="Refresh" content="0;url=http://www.gamascan.com/">	
Description	GamaScan has identified a flaw that may allow an attacker to redirect visitors from your website to another one. The flaw occurs due to use of unsanitized user-supplied data, which may allow an attacker to conduct phishing attacks.
Scan Request	www.vulnerable-website.com:80/Search.aspx?key="><meta%20http-equiv="Refresh"%20content="0;url=http://www.gamascan.com/">
Recommendation	It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input. **External References:** wikipedia

Possibility of URL redirection
Script: View.aspx **Variable:** txtSearch
Value: "><meta http-equiv="Refresh" content="0;url=http://www.gamascan.com/">

Description

GamaScan has identified a flaw that may allow an attacker to redirect visitors from your website to another one. The flaw occurs due to use of unsanitized user-supplied data, which may allow an attacker to conduct phishing attacks.

Form Method: POST

The Form Inputs

Type	Name
hidden	__LASTFOCUS
hidden	__VIEWSTATE
hidden	__VIEWSTATEGENERATOR
hidden	__EVENTTARGET
hidden	__EVENTARGUMENT
hidden	__EVENTVALIDATION
checkbox	flight
checkbox	hotel
checkbox	cruise
text	txtSearch
submit	Button1

Scan Request

www.vulnerable-website.com:80/View.aspx?nameid="><meta%20http-equiv="Refresh"%20content="0;url=http://www.gamascan.com/">

Recommendation

It is possible to correct the flaw by manually editing the code to properly sanitize the user-supplied input.

External References:

wikipedia

GamaSec
Innovative Website Security

Info Severity Findings

Directory Enumeration	
Description	GamaScan has identified a directory on the server.
Scan Request	www.vulnerable-website.com:80/system/
Recommendation	No fix is required. **External References:** Web Security Glossary

Directory Enumeration	
Description	GamaScan has identified a directory on the server.
Scan Request	www.vulnerable-website.com:80/js/
Recommendation	No fix is required. **External References:** Web Security Glossary

Directory Enumeration	
Description	GamaScan has identified a directory on the server.
Scan Request	www.vulnerable-website.com:80/images/
Recommendation	No fix is required. **External References:** Web Security Glossary

Directory Enumeration	
Description	GamaScan has identified a directory on the server.
Scan Request	www.vulnerable-website.com:80/aspnet_client/
Recommendation	No fix is required. **External References:** Web Security Glossary

Please consider your environmental responsibility before printing this report.

GamaScan The Web Application Security Solution

GamaScan is a remote online web vulnerability-assessment service that tests web servers, web-interfaced systems and web-based applications against thousands of known vulnerabilities with dynamic testing, and by simulating web-application attacks during online scanning. The service identifies security vulnerabilities and produces recommended solutions that can fix, or provide a viable workaround to the identified vulnerabilities. GamaScan provides a flexible, interactive security scan which requires no installation, no setup, no new hardware, no software development, no security expertise and no special training.

Scan your web site today with GamaScan and find vulnerabilities before hackers do!

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Technical	support@gamasec.com
Sales	sales@gamasec.com
Information	info@gamasec.com
Partner Program	partnerprogram@gamasec.com

By displaying the GamaSec security seal your customers know your website is secure.