

Jason Palmeri
CS53C
Lab 05
Timothy Ryan

Vulnerability Scanning with OpenVAS

The screenshot displays the NDG Ethical Hacking v2 Self Paced Course interface. The top navigation bar includes the course title, a red "End Reservation" button, and a breadcrumb trail: MyNETLAB > VE2.H74.P7011.NDG_EHv2_Series1 > Reservation 298783 > Lab 05: Vulnerability Scanning with OpenVAS. A "Time Remaining" indicator shows 1 hour and 11 minutes. Below the navigation bar, a sidebar on the left contains icons for Learn, Modules, Account, and Help. The main content area features a terminal window titled "Shell No. 1" with a menu bar (File, Actions, Edit, View, Help) and a sub-header "Shell No. 1". The terminal output shows the following messages:

```
[*] Please wait for the OpenVAS services to start.  
[*] You might need to refresh your browser once it opens.  
[*] Web UI (Greenbone Security Assistant): https://127.0.0.1:9392
```

On the left side of the terminal window, there are icons for "Trash", "File System", and "Home".

Learn

Modules

Account

Help

NDG Ethical Hacking v2 Self Paced Course

End Reservation

MyNETLAB > VE2.H74.P7011.NDG_EHv2_Series1 > Reservation 298783 > Lab 05: Vulnerability Scanning with OpenVAS

TopologyContentStatusOWASP BWApfsenseKali

Greenbone Security Assistant - Mozilla Firefox

Greenbone Security Assistant

https://127.0.0.1:9392/omp?r=1&token=d0c5ebdb-1c5d-4b94-a9ff-5

Kali LinuxKali TrainingKali ToolsKali DocsKali ForumsNetHunterOffensive SecurityExploit-DBGHDB

Greenbone Security Assistant

No auto-refresh

Logged in as Admin admin | Logout

Mon Apr 24 13:39:42 2023 UTC

DashboardScansAssetsSecInfoConfigurationExtrasAdministrationHelp

Dashboard

Tasks by Severity Class (Total: 0)

Tasks by status (Total: 0)

CVEs by creation time (Total: 144329)

/ year

20,00018,00016,00014,00012,00010,000

160,000140,000120,000100,00080,000

Hosts topology

No hosts with topology selected

NVTs by Severity Class (Total: 59651)

HighMediumLowLog

271212600400325927

Learn

Modules

Account

Help

MyNETLAB > VE2.H74.P7011.NDG_EHV2_Series1 > Reservation 298783 > Lab 05: Vulnerability Scanning with OpenVAS

Topology

Content

Status

OWASP BWA

pfSense

Kali

Time Remaining

1 09

hrs. min.

Greenbone Security Assistant - Mozilla Firefox

Greenbone Security Assi x Greenbone Security Assi x

https://127.0.0.1:8443/ Greenbone Security Assistant or&token=c4a28465

Kali Linux Kali Training Kali Tools Kali Docs Kali Forums NetHunter Offensive Security Exploit-DB GHDB

Greenbone Security Assistant

Logged in as Admin admin | Logout

Mon Apr 24 13:40:33 2023 UTC

Dashboard

Scans

Assets

SecInfo

Configuration

Extras

Administration

Help

cvss

CVSS Base Score Calculator

From Metrics:

Access Vector: Local

Access Complexity: High

Authentication: Multiple

Confidentiality: None

Integrity: None

Availability: None

Calculate

From Vector:

Vector:

Calculate

Greenbone Security Assistant (GSA) Copyright 2009 - 2018 by Greenbone Networks GmbH, www.greenbone.net

1 08
hrs. min.

Topology Content Status OWASP BWA pfSense Kali

Greenbone Security Assistant - Mozilla Firefox [root@kali: ~] root@kali: ~ 09:41 AM

Greenbone Security Assistant - Mozilla Firefox

Greenbone Security Assistant x Greenbone Security Assistant x

https://127.0.0.1:9392/omp?cmd=get_tasks&token=c4a28465-e188

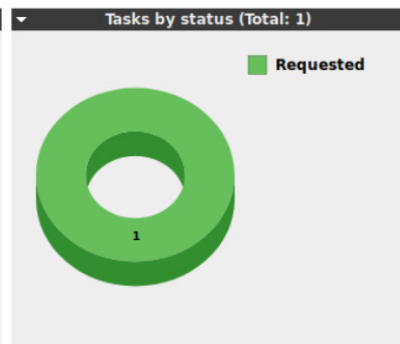
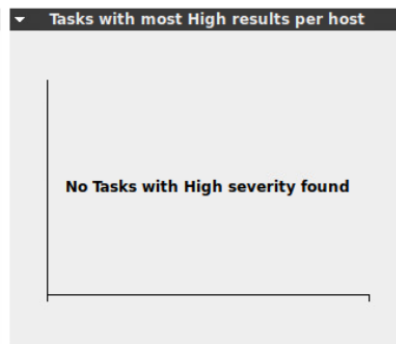
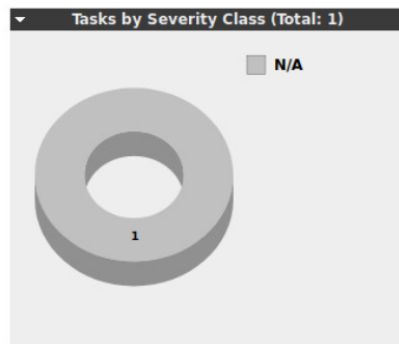
Kali Linux Kali Training Kali Tools Kali Docs Kali Forums NetHunter Offensive Security Exploit-DB GHDB

Greenbone Security Assistant Refresh every 30 Sec. Logged in as Admin admin | Logout Mon Apr 24 13:41:28 2023 UTC

Dashboard Scans Assets SecInfo Configuration Extras Administration Help

Filter: min_qod=70 apply_overrides=1 rows=10 first=1 sort=name

Tasks (1 of 1)



Name	Status	Reports		Severity	Trend	Actions
		Total	Last			
Immediate scan of IP 192.168.68.12	Requested	0 (1)				

Name	View details of Task Immediate scan of IP 192.168.68.12		Reports	Severity	Trend	Actions
			Total	Last		
Immediate scan of IP 192.168.68.12	98 %					https://127.0.0.1:9392/omp?cmd=g...848-8a4e-44fd-98fd-1b159da3d17



NDG Ethical Hacking v2 Self Paced Course

End Reservation



Learn



Modules



Account



Help

MyNETLAB > VE2.H74.P7011.NDG_EHv2_Series1 > Reservation 298783 > Lab 05: Vulnerability Scanning with OpenVAS

Time Remaining

0 35
hrs. min.

Topology Content Status OWASP BWA pSense Kali

Greenbone Security Assistant - Mozilla Firefox [root@kali: ~] root@kali: ~ 10:14 AM

Greenbone Security Assistant - Mozilla Firefox

Greenbone Security Assistant x Greenbone Security Assistant x

https://127.0.0.1:9392/omp?cmd=get_tasks&token=f5957848-8a4e

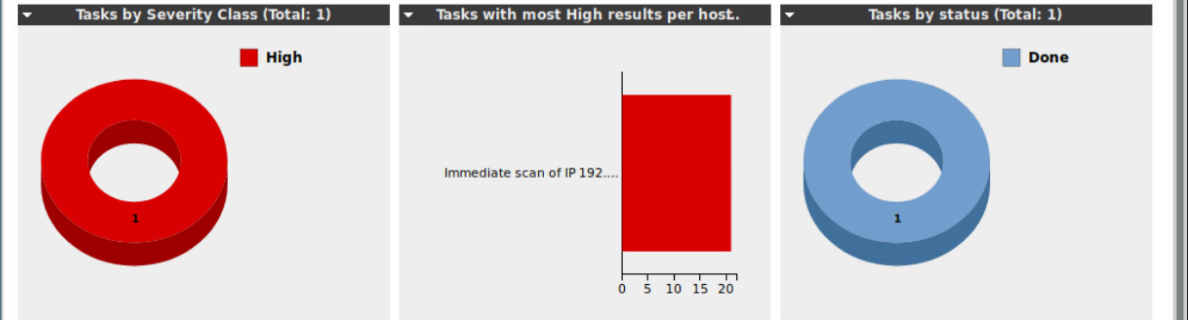
Kali Linux Kali Training Kali Tools Kali Docs Kali Forums NetHunter Offensive Security Exploit-DB GHDB

Greenbone Security Assistant Refresh every 30 Sec. Logged in as Admin admin | Logout Mon Apr 24 14:13:54 2023 UTC

Dashboard Scans Assets SecInfo Configuration Extras Administration Help

Filter: min_qod=70 apply_overrides=1 rows=10 first=1 sort=name

Tasks (1 of 1)



Name	Status	Reports		Severity	Trend	Actions
		Total	Last			
Immediate scan of IP 192.168.68.12	Done	1 (1)	Apr 24 2023	10.0 (High)		
















Scan Config: Full and very deep ultimate

ID: 74db13d6-7489-11df-91b9-002264764cea
Created: Tue May 26 18:17:57 2020
Modified: Tue May 26 18:17:57 2020

Comment: Most NVT's including those that can stop services/hosts; don't trust previously collected information; slow.

Network Vulnerability Test Families (64)

Family 	NVTs selected	Trend
AIX Local Security Checks	1 of 1	
Amazon Linux Local Security Checks	748 of 748	
Brute force attacks	14 of 14	
Buffer overflow	568 of 568	
CISCO	647 of 647	
CentOS Local Security Checks	2713 of 2713	
Citrix Xenserver Local Security Checks	30 of 30	
Compliance	7 of 7	
Databases	645 of 645	
Debian Local Security Checks	3840 of 3840	
Default Accounts	276 of 276	
Denial of Service	1477 of 1477	

Learn

Modules

Account

Help

MyNETLAB > VE2.H74.P7011.NDG_EHv2_Series1 > Reservation 298783 > Lab 05: Vulnerability Scanning with OpenVAS

TopologyContentStatusOWASP BWApfSenseKali

Time Remaining
032
hrs. min.

Greenbone Security Assistant - Mozilla Firefox

Greenbone Security Assi x Greenbone Security Assi x

https://127.0.0.1:9392/omp?cmd=get_targets&token=f5957848-8a4

Kali LinuxKali TrainingKali ToolsKali DocsKali ForumsNetHunterOffensive SecurityExploit-DBGHDB

admin | Logout
16:42 2023 UTC

New Target

NameOWASP

Comment

Manual192.168.68.12

From fileBrowse...No file selected.

From host assets (0 hosts)

Hosts

Exclude Hosts

Reverse Lookup Only

YesNo

Reverse Lookup Unify

YesNo

Port ListAll IANA assigned TCP 20...*

Alive TestConsider Alive

Credentials for authenticated checks

SSH--on port 22*

SMB--*

ESXi--*

SNMP--*

Create

Learn

Modules

Account

Help

NDG Ethical Hacking v2 Self Paced Course

End Reservation

MyNETLAB > VE2.H74.P7011.NDG_EHv2_Series1 > Reservation 298783 > Lab 05: Vulnerability Scanning with OpenVAS

Time Remaining
0 30
hrs. min.

TopologyContentStatusOWASP BWApfSenseKali

Greenbone Security Assistant - Mozilla Firefox

Greenbone Security Assistant - Mozilla Firefox

https://127.0.0.1:9392/omp?cmd=get_task&filt_id=0&filter=min_qo...

Kali LinuxKali TrainingKali ToolsKali DocsKali ForumsNetHunterOffensive SecurityExploit-DBGHDB

Greenbone Security Assistant

Refresh every 30 Sec.

Logged in as Admin admin | Logout
Mon Apr 24 14:19:34 2023 UTC

DashboardScansAssetsSecInfoConfigurationExtrasAdministrationHelp

Task: OWASP-Scan

ID: 524e5dee-874c-426d-a012-55918e857062
Created: Mon Apr 24 14:18:58 2023
Modified: Mon Apr 24 14:18:58 2023
Owner: admin

Name: OWASP-Scan

Comment:

Target: OWASP

Alerts:

Schedule: (Next due: over)

Add to Assets: yes

Apply Overrides: yes

Min QoD: 70%

Alterable Task: no

Auto Delete Reports: Do not automatically delete reports

Scanner: OpenVAS Default (Type: OpenVAS Scanner)

Scan Config: Full and very deep ultimate

Order for target hosts: Sequential

Network Source Interface:

Maximum concurrently executed NVTs per host: 4

Maximum concurrently scanned hosts: 20

Status: Requested

Duration of last scan:

Average scan duration:

Reports: 1, Current: Apr 24 2023 (Finished: 0)

Results: 0

Notes: 0