

Dennis Keritsis

I. Metasploitable Server

I.(A) Scan



Runs	High ¹	Med	Low
1	24	34	2
2	18	31	2
3	15	33	2
4	14	32	2

I had four (4) runs. With each run, I attempted save the state and remedy specific vulnerabilities. The first run was the first system test. I attempted to patch the Ubuntu Sever with sudo apt-get updates and sudo apt-get upgrade. This will be discussed below in Vulnerabilities.

Additionally, I went through the report and try to knock out some low hanging fruit. There were some issues I couldn't resolve. This is discussed below.

Throughout my probing I used Burpsuite (also discussed below) to verify and understand the vulnerabilities, *see* Banner Grabbing Fig. Also, after my fixes I verified the fix with Burpsuite which is also discussed below.



I. (B) Vulnerabilities

- OS End of Life Detection
- PostSQLgres password
- Root password

¹ My Exploits are probably higher than others because I added some backdoors to the server with Metasploit. I didn't remedy this.

- Root User Password for MYSQL
- VNC Password
- Phpinfo.php
- Banner displaying during HTTP Responses along with Response enumerating system information
- HTTP dangerous methods such as PUT and DELETE
- HTTP methods such as TRACE/TRACK

I. (C) Fixes

I. (C) (i) OS End of Life and Patching

Before trying to do anything in detail, we need to patch and/or try to update the OS to the best of our abilities. I failed miserably to update the OS. After I didn't patch things, upon restart the system was totally inert. We have to be super careful when updating as not to break things.

This is why we have the "aptitude" system when updating and going from one LTS to another LTS. It is suppose to safely upgrade due to all the packages and inter-dependencies being related. Still with "aptitude," I couldn't get the OS to upgrade to 10.04 from 8.04.²

On a brighter side, I was able to use sudo apt-get upgrade && sudo apt-get update. Also, I found sudo get dist upgrade to be useful. I will note that this makes the system upon restart act very wanky and possibly even defund. So, I wouldn't recommend a "dist" upgrade.

After patching I found: (i) "high" warnings went from 24 down to 18, (ii) "medium" warnings went down to 31 from 31, and (ii) "low" warning stayed the same.

I will note that I needed to update the .sources file.

```
root@metasploitable:/etc/apt

File Actions Edit View Help

root@metasploitable:/etc/apache2# pwd
/etc/apache2
root@metasploitable:/etc/apache2# cd /etc/apt
root@metasploitable:/etc/apt# ls
apt.conf.d sources.list sources.list.back sources.list.d sources.list.good trusted.gpg
secring.gpg sources.list~ sources.list.back2 sources.list.distUpgrade trustdb.gpg trusted.gpg~
root@metasploitable:/etc/apt#
```

Specifically, I needed to source from "old-releases" as seen below.

² We can't jump to the lastest version. We have to hop from one LTS to the next LTS till we get to Ubuntu 20+.

And we are not suppose to source from "archive" according to the ubuntu.com.³ I also noted that "aptitude" does not seem to be of much help.

EOL Upgrade sources.list

Required

deb http://archive.ubuntu.com/ubuntu/ hardy main restricted universe multiverse deb http://archive.ubuntu.com/ubuntu/ hardy-updates main restricted universe multiverse deb http://security.ubuntu.com/ubuntu/ hardy-security main restricted universe multiverse

Optional

#deb http://archive.ubuntu.com/ubuntu/ hardy-backports main restricted universe multiverse #deb http://archive.ubuntu.com/ubuntu/ hardy-proposed main restricted universe multiverse

You can make use of -backports, -proposed repositories if you want. For more information about repositories see Repositories/Ubuntu.

1. Update the package list and upgrade all the installed packages

sudo aptitude update && sudo aptitude safe-upgrade

1. Perform the release upgrade.

sudo do-release-upgrade

I. (C) (ii) Low Hanging Fruit

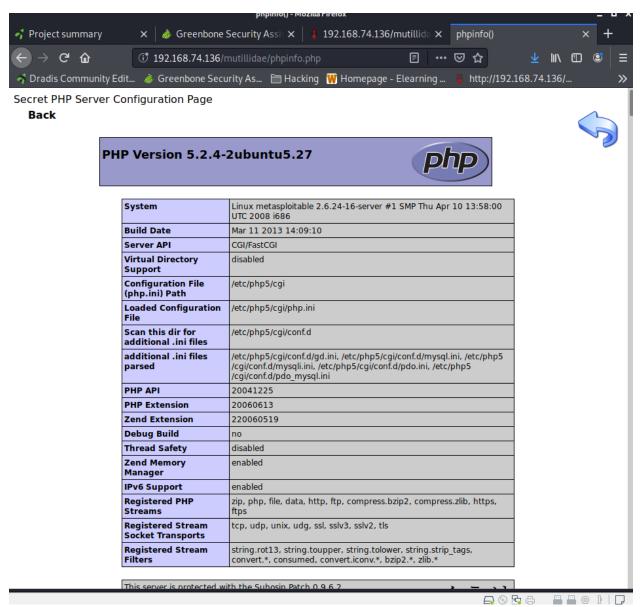
- PostSQLgres password
- Root password
- Root User Password for MYSQL
- VNC Password

These items are low hanging fruit. Just update the passwords. I had to do some research on how to fix some of these items. But I won't bother with the details.

I. (C) (iii) PHP

³ See https://help.ubuntu.com/community/EOLUpgrades/Hardy

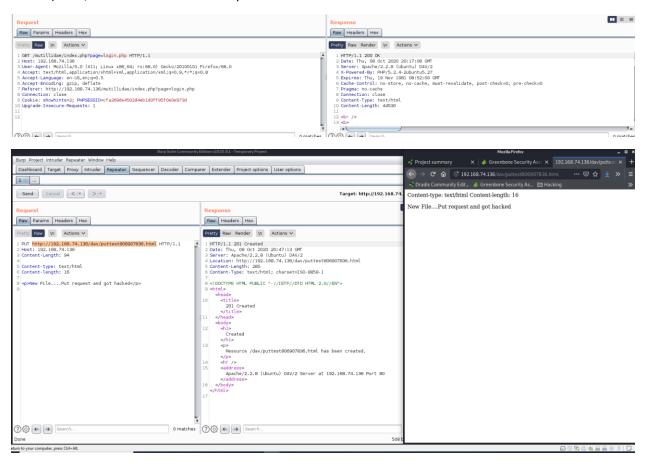
This is a joke. Hopefully no one in the real world would find this or even leave this enabled on the server. But I guess it can happen. From my research, this is typically used in development to help the web development get information about the server running in real time. It should be disabled or totally removed upon deployment. This was an easy fix.



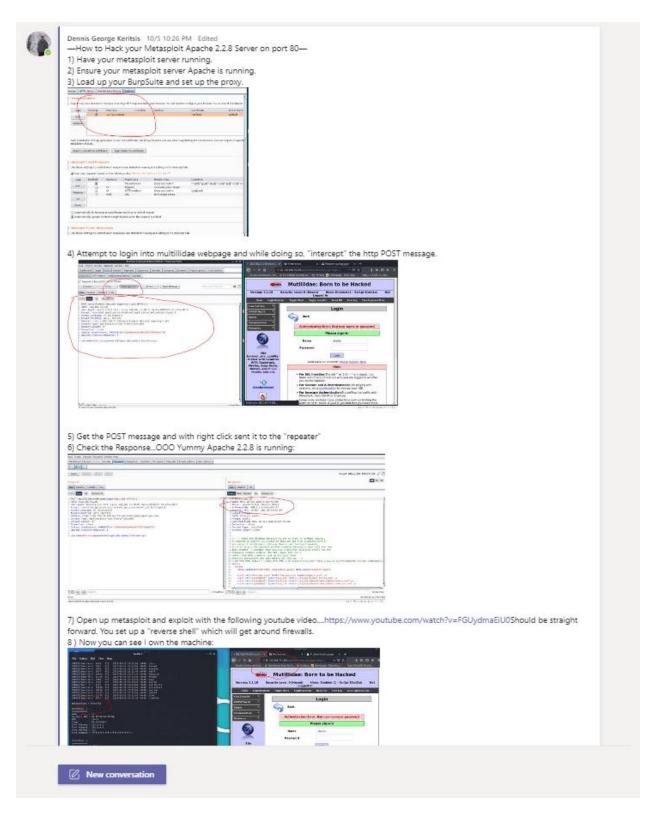
I. (C) (iv) Banner HTTP

The first figure below is a GET HTTP request. From the 200 Response, we can see a plurality of information as our disposal. Actually, when I found this, I was able to a Metasploit exploit based on the Apache Version and add a backdoor (which is still on my server). This is part of the Recon and/or Foot phase of Blackbox testing.

The second figure uses a PUT method. We see first that PUT is allow. (This is bad and discussed below.) Also, we see a 201 Create Response with a ton of banner information.



This last figure is just me being a nerd and boasting about my leet hackorzing on Team. Here, I added a backdoor with the banner grabbed information based on the old version of Apache 2.2.8 on port 80. I was able to place a "Reverse Shell" on the server (which is actually still running).



With the banner grabbing fix, it would make it more difficult for a hacker to do Recon and Exploit accordingly since they wouldn't know what specific version of Apache I would have running.

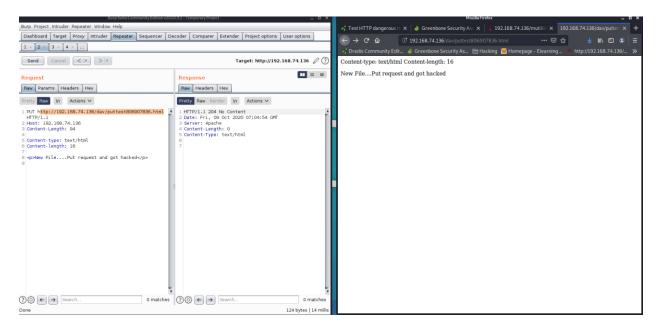
The fix was simple (but it took me a while to learn about .conf files in APACHE). I changed to the ServerSignature Off (disable signature) and ServerTokens Prod (Disables the Banner)

```
194 #
195 # The following directives define some format nicknames for use with
 196 # a CustomLog directive (see below).
197 # If you are behind a reverse proxy, you might want to change %h into %{X-Forwarded-For}i
199 LogFormat "%h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\"" combined 200 LogFormat "%h %l %u %t \"%r\" %>s %b" common
201 LogFormat "%{Referer}i → %U" referer
202 LogFormat "%{User-agent}i" agent
204 #
205 # ServerTokens
206 # This directive configures what you return as the Server HTTP response 207 # Header. The default is 'Full' which sends information about the OS-Type
208 # and compiled in modules.
209 # Set to one of: Full | OS | Minor | Minimal | Major | Prod
210 # where Full conveys the most information, and Prod the least.
211 #
212 ServerTokens Prod
215 # Optionally add a line containing the server version and virtual host
216 # name to server-generated pages (internal error documents, FTP directory
217 # listings, mod_status and mod_info output etc., but not CGI generated
218 # documents or custom error documents).
219 # Set to "EMail" to also include a mailto: link to the ServerAdmin.
220 # Set to one of: On | Off | EMail
221 #
222 ServerSignature Off
227 # Customizable error responses come in three flavors:
228 # 1) plain text 2) local redirects 3) external redirects
230 # Some examples:
```

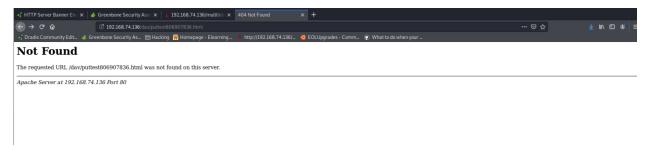
I. (C) (v) Dangerous Methods — Not Fixed But Tried

PUT and DELETE are dangerous methods because we do not want people adding pages and removing pages as they see fit. PUT for example could be used to create a XSS attack or CSRF attack. These method should be disabled, and if enable, should be allow on a very, very limited basis.

I used BurpSuite with the PUT method to add "New File...Put request and got hacked."



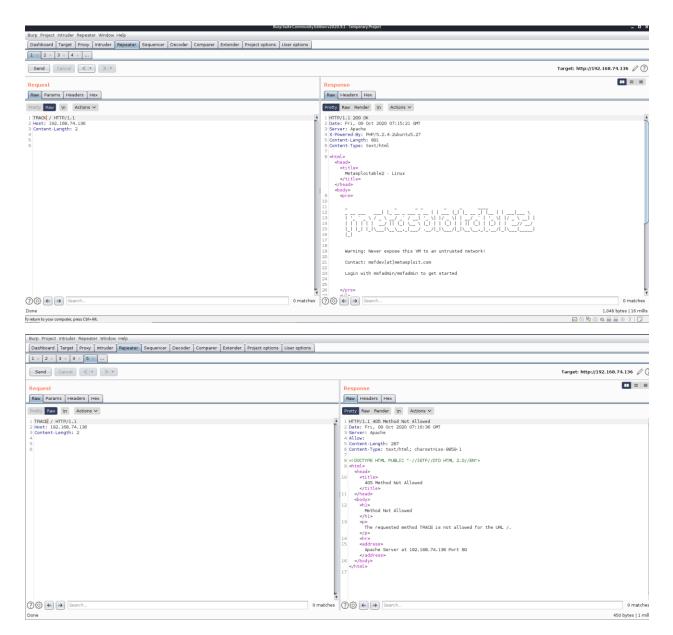
I was also able to use the "DELETE" method. And I cycled with PUT and DELETE to engage in some experimentation. I also found that VAS add a PUT test file and I DELETED what was PUT by VAS.



However, I could NOT fix this. I did my best with Google. I couldn't figure out how to fix this because there are other .conf files. More work needs to be done.

I. (C) (vi) TRACE/TRACK/OPTIONS — Not Fixed but Tried

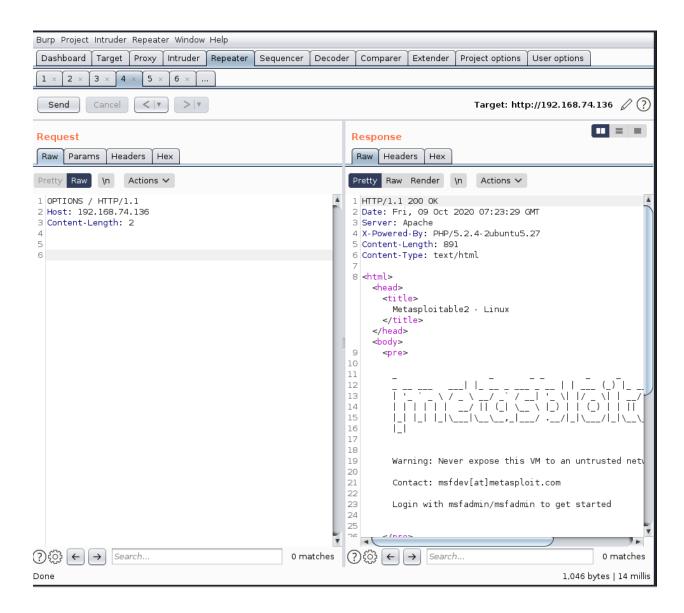
I worked again with Burpsuite and played around with TRACE and TRACK methods.



As can be seen, the TRACK method is enabled given the "200 OK" response whereas the TRACE method is disabled given the "405 Method Not Allowed" response.

I couldn't figure out how disable the TRACK method but I tried.

I also used the OPTIONS method. This gave a HTTP 200 response. I couldn't figure out how to disable this.

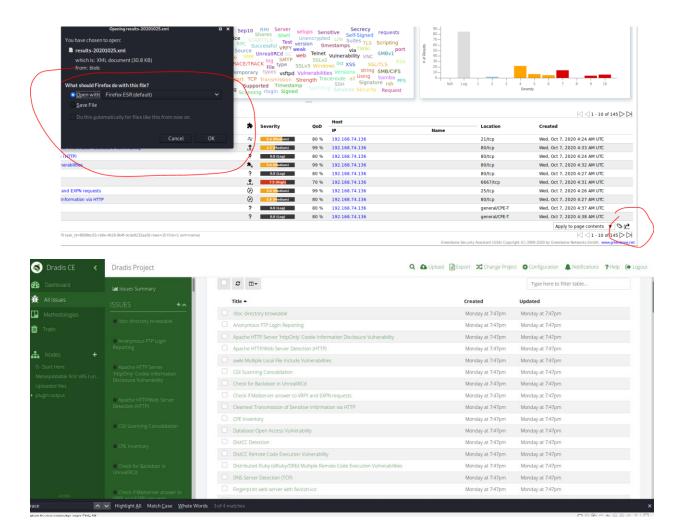


I. (D) Dradis

I. (D) (i) Adding

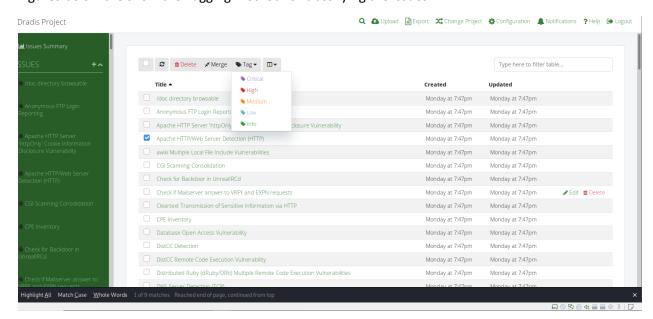
First figure is exporting using XML.

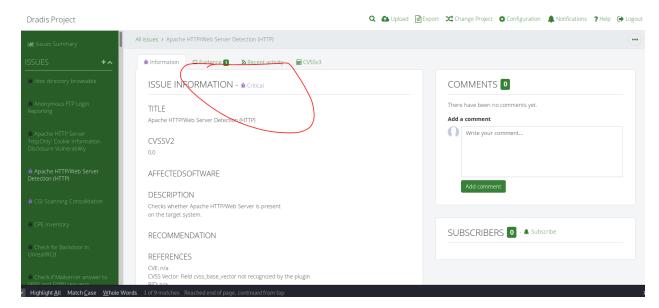
Second figure is shows that exported vulnerabilities.



I. (D) (ii) Flagging

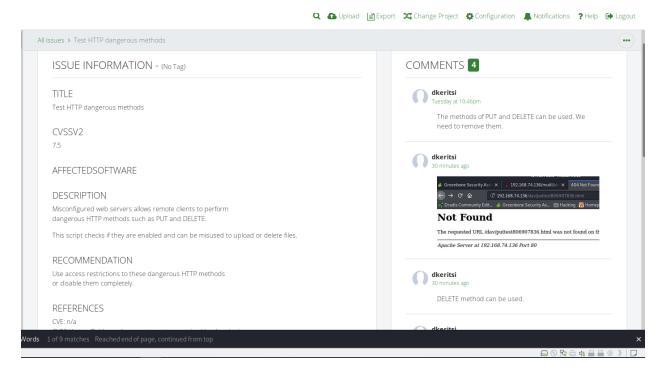
Figures below are show the Tagging method for classifying the issues.

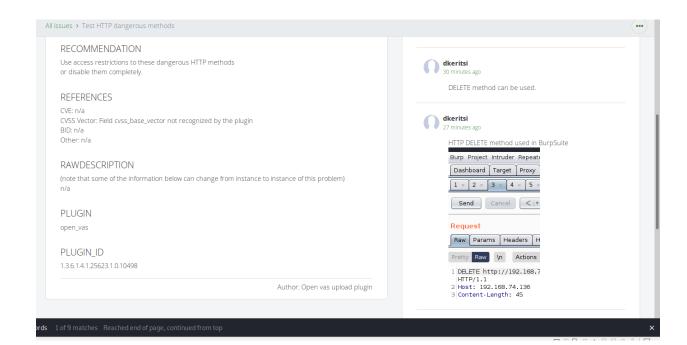




I. (D) (iii) Evidence and Commenting

Pictures below show comments and evidence with the HTTP methods.





II. Ubuntu Server

This is really no surprise. The Server is pretty hardened and it is the most up to date OS. This means that when sourced it will source only from the latest packages.



I did take a note that ICMP is enabled.



I verified this with a ping test.

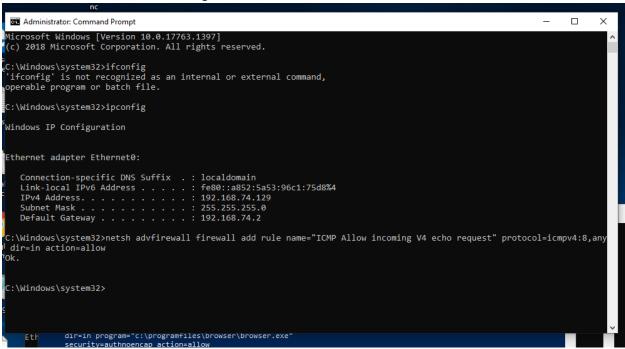
```
File Actions Edit View Help
  - 192.168.74.131 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2007ms
rtt min/avg/max/mdev = 0.220/0.845/1.681/0.614 ms
 |ennis@kali:~$ ipconfig
bash: ipconfig: command not found
dennis@kali:~$ ip -a
-c[olor]}
 dennis@kali:~$ ip address show
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
      valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 00:0c:29:15:30:f1 brd ff:ff:ff:ff:ff
inet 192.168.74.130/24 brd 192.168.74.255 scope global dynamic noprefixroute eth0
       valid_lft 1367sec preferred_lft 1367sec
    inet6 fe80::20c:29ff:fe15:30f1/64 scope link noprefixroute
       valid_lft forever preferred_lft forever
dennis@kali:~$ ping 192.168.74.129
PING 192.168.74.129 (192.168.74.129) 56(84) bytes of data.
^c
  -- 192.168.74.129 ping statistics ---
249 packets transmitted, 0 received, 100% packet loss, time 253949ms
dennis@kali:~$ ping 192.168.74.131
PING 192.168.74.131 (192.168.74.131) 56(84) bytes of data.
64 bytes from 192.168.74.131: icmp_seq=1 ttl=64 time=0.231 ms
64 bytes from 192.168.74.131: icmp_seq=2 ttl=64 time=0.188 ms
64 bytes from 192.168.74.131: icmp_seq=3 ttl=64 time=0.198 ms
64 bytes from 192.168.74.131: icmp_seq=4 ttl=64 time=0.268 ms
64 bytes from 192.168.74.131: icmp_seq=5 ttl=64 time=0.531 ms
64 bytes from 192.168.74.131: icmp_seq=6 ttl=64 time=0.259 ms
64 bytes from 192.168.74.131: icmp_seq=7 ttl=64 time=0.220 ms
```

III. Windows Server

Windows appears to be blocked off completely. I scanned two times.



Allow ICMP from firewall incoming.



Ping now works.

```
dennis@kali:~$ ping 192.168.74.129
PING 192.168.74.129 (192.168.74.129) 56(84) bytes of data.
^C
--- 192.168.74.129 ping statistics ---
9 packets transmitted, 0 received, 100% packet loss, time 8190ms

dennis@kali:~$ ping 192.168.74.129
PING 192.168.74.129 (192.168.74.129) 56(84) bytes of data.
64 bytes from 192.168.74.129: icmp_seq=1 ttl=128 time=0.430 ms
64 bytes from 192.168.74.129: icmp_seq=2 ttl=128 time=1.10 ms
64 bytes from 192.168.74.129: icmp_seq=3 ttl=128 time=1.03 ms
^C
--- 192.168.74.129 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 0.430/0.852/1.101/0.300 ms
dennis@kali:~$
```

Let's rescan and see what is different.



Ok. We got something. Looks like a hacker might be able to get a small foot hold if part of the firewall is disabled.

III. Dradis Server

Looks like our Dradis Server is pretty solid.

Vulnerability	*	Severity	QoD	Host		Location	Created
Tunit upinty		- Sevency		IP	Name	20020000	Created
CGI Scanning Consolidation	?	0.0 (Log)	80 %	192.168.74.134		3000/tcp	Sun, Oct 25, 2020 10:47 PM UTC
CPE Inventory	?	0.0 (Log)	80 %	192.168.74.134		general/CPE-T	Sun, Oct 25, 2020 10:58 PM UTC
Hostname Determination Reporting	?	0.0 (Log)	80 %	192.168.74.134		general/tcp	Sun, Oct 25, 2020 10:58 PM UTC
OpenSSH Detection Consolidation	?	0.0 (Log)	80 %	192.168.74.134		general/tcp	Sun. Oct 25, 2020 10:46 PM UTC
OS Detection Consolidation and Reporting	?	0.0 (Log)	80 %	192.168.74.134		general/tcp	Sun, Oct 25, 2020 10:47 PM UTC
Response Time / No 404 Error Code Check	?	0.0 (Log)	80 %	192.168.74.134		3000/tcp	Sun, Oct 25, 2020 10:47 PM UTC
Services	?	0.0 (Log)	80 %	192.168.74.134		22/tcp	Sun, Oct 25, 2020 10:43 PM UTC
Services	?	0.0 (Log)	80 %	192.168.74.134		3000/tcp	Sun, Oct 25, 2020 10:43 PM UTC
SSH Protocol Algorithms Supported	?	0.0 (Log)	80 %	192.168.74.134		22/tcp	Sun, Oct 25, 2020 10:47 PM UTC
SSH Protocol Versions Supported	?	0.0 (Log)	95 %	192.168.74.134		22/tcp	Sun, Oct 25, 2020 10:47 PM UTC
							Apply to page contents 🔻 🦠 [2
oplied filter: apply_overrides=0 min_qod=70 task_id=86d935e8-3a05-44c8-8a84-02a4c834f78e rows=10 first=1 sort=name)							< 1 - 10 of 12 >
					Greenbone Sec	urity Assistant (GSA) Copyright (C) 2009-2020 by Greenbone Networks GmbH, www.greenbon
return to your computer, press Ctrl+Alt.							□ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

IV. Bind9 DNS Server

Set static IP.

```
# Ifupdown has been replaced by netplan(5) on this system. See
# /etc/netplan for current configuration.
# To re-enable Ifupdown on this system, you can run:
# sudo apt install ifupdown
# MrPrimary Network Interface
auto etho
Iface etho inet static
address 192.188.74.128
netmask 255.0.0.0
ons-nameservers 127.0.0.1
```

Set forwarder. Use google's.

```
options {
            directory "/var/cache/bind";
            // If there is a firewall between you and nameservers you want
// to talk to, you may need to fix the firewall to allow multiple
// ports to talk. See http://www.kb.cert.org/vuls/id/800113
            // If your ISP provided one or more IP addresses for stable
            // nameservers, you probably want to use them as forwarders.
// Uncomment the following block, and insert the addresses replacing
// the all–0's placeholder.
              forwarders {
8.8.8.8;
8.8.4.4;
            // If BIND logs error messages about the root key being expired,
// you will need to update your keys. See https://www.isc.org/bind-keys
//-----
            dnssec-validation auto;
            auth-nxdomain no; #
listen-on-v6 { any; };
                                             # conform to RFC1035
            //hide version from client for security reasons
version "not currently available";
            //optional – BIND default behavior is recursion
            recursion yes;
            //provision recursion to trusted clients only
            allow-recursion
192.168.74.130;
"named.conf.options" 46L, 1244C
                                                                                                                                    14,3-17
                                                                                                                                                          Top
```

Configure the host. And set zones.

I think loading is good.

```
dkeritsi@bind9_dns:/etc/bind$ ls
bind.keys db.255 db.root named.conf.default-zones rndc.key
db.0 db.empty db.ubuntu.local named.conf.local zones.rfc1918
db.127 db.local named.conf named.conf.options
dkeritsi@bind9_dns:/etc/bind$ tail /var/log/syslog
Oct 25 23:28:06 bind9_dns named [4858]: reloading configuration succeeded
Oct 25 23:28:06 bind9_dns named [4858]: reloading zones succeeded
Oct 25 23:28:06 bind9_dns named [4858]: zone ubuntu.local/IN: loaded serial 1
Oct 25 23:28:06 bind9_dns named [4858]: zone ubuntu.local/IN: sending notifies (serial 1)
Oct 25 23:28:06 bind9_dns named [4858]: running
Oct 25 23:28:06 bind9_dns named [4858]: reloaded SIND Domain Name Server.
Oct 25 23:28:06 bind9_dns named [4858]: managed-keys-zone: Key 20326 for zone . acceptance timer comp
lete: key now trusted
Oct 25 23:28:06 bind9_dns named [4858]: resolver priming query complete
dkeritsi@bind9_dns:/etc/bind$__
```

```
dkeritsi@blind9ubuntu2004:~$ ls
dkeritsi@blind9ubuntu2004:~$ ls
dkeritsi@blind9ubuntu2004:~$ pwd
/home/dkeritsi
dkeritsi@blind9ubuntu2004:~$ ls
dkeritsi@blind9ubuntu2004:~$ sudo –u
dkeritsi@blind9ubuntu2004:~$ sudo -u sudo: option requires an argument -- 'u' usage: sudo -h | -K | -k | -V usage: sudo -v [-AknS] [-g group] [-h host] [-p prompt] [-u user] usage: sudo -v [-AknS] [-g group] [-h host] [-p prompt] [-U user] [-u user] [command] usage: sudo [-AbEHknPS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] [VAR=value] [-i]-s] [commands] usage: sudo -e [-AknS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] file ... dkeritsi@blind9ubuntu2004:~$ sudo -i [sudo] password for dkeritsi:
ukeritsi@dilmodubonta2004.$ sudo =1
[sudo] password for dkeritsi:
Sorry, try again.
[sudo] password for dkeritsi:
root@blind9ubuntu2004:~# cd /etc/bind
root@blind9ubuntu2004:/etc/bind# ls
bind.keys db.192 db.local
db.0 dh.255 db.ubuntu
                                                                                       named.conf.default-zones rndc.key
named.conf.local zones.rfc1918
                      un 255 db.ubuntu.local
db.empty named.conf
d9uhuntu2004
                                                                                        named.conf.local
                                                                                       named.conf.options
     ot@blind9ubuntu2004:/etc/bind# nslookup
 > 192.168.74.137
137.74.168.192.in–addr.arpa
137.74.168.192.in–addr.arpa
                                                                          name = blind9ubuntu2004.
                                                                    name = blind9ubuntu2004.local.
 Authoritative answers can be found from:
 > ubuntu.local
                                      127.0.0.53
127.0.0.53#53
Address:
 ** server can't find ubuntu.local: SERVFAIL
```

Hmm. There appears to be a small problem with the "ubuntu.local" when I nslook up this.

I got my Bind9 Server running through.

```
Setting up initramfs-tools (0.136ubuntu6.3) ..
update—initramfs: deferring update (trigger activated)
Setting up cryptsetup-initramfs (2:2.2.2-3ubuntu2.3)
update-initramfs: deferring update (trigger activated) update-initramfs: deferring update (trigger activated) Processing triggers for libc-bin (2.31–Oubuntu9.1) ...
Processing triggers for systemd (245.4–4ubuntu3.2) ...
Processing triggers for man–db (2.9.1–1) ...
Processing triggers for plymouth–theme–ubuntu–text (0.9.4git20200323–0ubuntu6) ...
update—initramfs: deferring update (trigger activated)
Processing triggers for dbus (1.12.16—2ubuntu2.1) ...
Processing triggers for install-info (6.7.0.dfsg.2-5)...

Processing triggers for mime-support (3.64ubuntu1)...

Processing triggers for initramfs-tools (0.136ubuntu6.3)...

update-initramfs: Generating /boot/initrd.img-5.4.0-52-generic root@blind9ubuntu2004:/etc/bind# systemetl status named
• named.service – BIND Domain Name Server
             Loaded: loaded (/lib/systemd/system/named.service; enabled; vendor preset: enabled)
             Active: active (running) since Mon 2020–10–26 00:17:52 UTC; 8min ago
                 Docs: man:named(8)
       Main PID: 798 (named)
Tasks: 8 (limit: 4587)
             Memory: 23.2M
            CGroup: /system.slice/named.service
—798 /usr/sbin/named –f –u bind
Oct 26 00:17:52 blind9ubuntu2004 named[798]: network unreachable resolving './NS/IN': 2001:500:2d::>
Oct 26 00:17:52 blind9ubuntu2004 named[798]: network unreachable resolving './NS/IN': 2001:500:2::>
Oct 26 00:17:52 blind9ubuntu2004 named[798]: network unreachable resolving './NS/IN': 2001:500:a8::>
Oct 26 00:17:52 blind9ubuntu2004 named[798]: network unreachable resolving './NS/IN': 2001:500:2f::>
Oct 26 00:17:52 blind9ubuntu2004 named[798]: network unreachable resolving Oct 26 00:17:52 blind9ubuntu2004 named[798]: network unreachable resolving
Oct 26 00:17:52 blind9ubuntu2004 named[798]: network unreachable resolving './NS/IN': 2001:500:2f::>
Oct 26 00:17:52 blind9ubuntu2004 named[798]: network unreachable resolving './NS/IN': 2001:7fe::53#>
Oct 26 00:17:52 blind9ubuntu2004 named[798]: zone ubuntu.local/IN: sending notifies (serial 2)
Oct 26 00:17:52 blind9ubuntu2004 named[798]: network unreachable resolving './NS/IN': 2001:dc3::35#>
Oct 26 00:17:52 blind9ubuntu2004 named[798]: network unreachable resolving './NS/IN': 2001:500:1::5>
Oct 26 00:17:52 blind9ubuntu2004 named[798]: managed-keys-zone: Key 20326 for zone . is now trusted>
Oct 26 00:17:52 blind9ubuntu2004 named[798]: resolver priming query complete

Lines 1-20/20 (END)
```

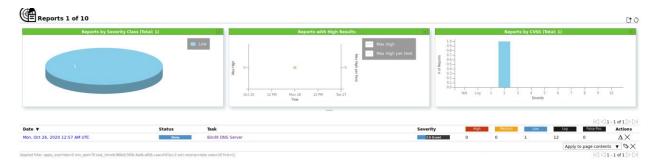
Hmm from what I understand we are suppose to be listening on port 53. But this should be UDP and not TCP.

```
"named.conf" 11L, 463C written
root@blind9ubuntu2004:/etc/bind# netstat –a –n –p tcp | grep –i ":53"
                   0 192.168.74.137:
0 127.0.0.1:53
0 127.0.0.53:53
tcp
                                                 0.0.0.0:*
                                                                            LISTEN
                                                                                         798/named
                                                                            LISTEN
tcp
                                                 0.0.0.0:*
                                                                                          798/named
                                                                                          767/systemd–resolve
tcp
                                                 0.0.0.0:*
                                                                            LISTEN
                    0 fe80::20c:29ff:fe6c::
                                                                            LISTEN
                                                                                          798/named
tcp6
tcp6
                                                                            LISTEN
                                                                                          798/named
udp
                    0 192.168.74.137
                                                 0.0.0.0:*
                                                                                          798/named
                    0 192.168.74.137:
0 127.0.0.1:58
                                                                                          798/named
abul
udp
                                                 0.0.0.0:*
                                                                                          798/named
                    0 127.0.0.1
udp
                                                 0.0.0.0:*
                                                                                          798/named
                    0 127.0.0.53
                                                                                          767/systemd–resolve
                                                 0.0.0.0:*
abul
ludp6
                                                                                          798/named
udp6
                                                                                          798/named
                    O fe80::20c:29ff:fe6c:
O fe80::20c:29ff:fe6c:
udp6
                                                 :::ж
                                                                                          798/named
udp6
                                                                                          798/named
root@blind9ubuntu2004:/etc/bind# nslookup
> 192.168.74.137
137.74.168.192.in–addr.arpa
                                   name = blind9ubuntu2004.
137.74.168.192.in–addr.arpa
                                   name = blind9ubuntu2004.local.
Authoritative answers can be found from:
> ubuntu.local
                  127.0.0.53
127.0.0.53#53
Server:
Address:
** server can't find ubuntu.local: SERVFAIL
> root@blind9ubuntu2004:/etc/bind# clearclear: command not found
root@blind9ubuntu2004:/etc/bind# ^C
root@blind9ubuntu2004:/etc/bind#
                                                                      To return to your computer, press Ctrl+Alt.
```

O well. I guess I do not get full credit. Not going to pretend I am elite.



Time to Scan with VAS.



We have one low and 12 log in our report. I would also image that I would have some low warning with UDP if I got my bind9 server to work. And we would leave those in place because we want port 53 to be listening. As InfoSec, we would leave those alone since we want our DNS server to be listening. But as I said, not going to pretend I am elite and I got my DNS server to work.



TCP timestamps in detail.

