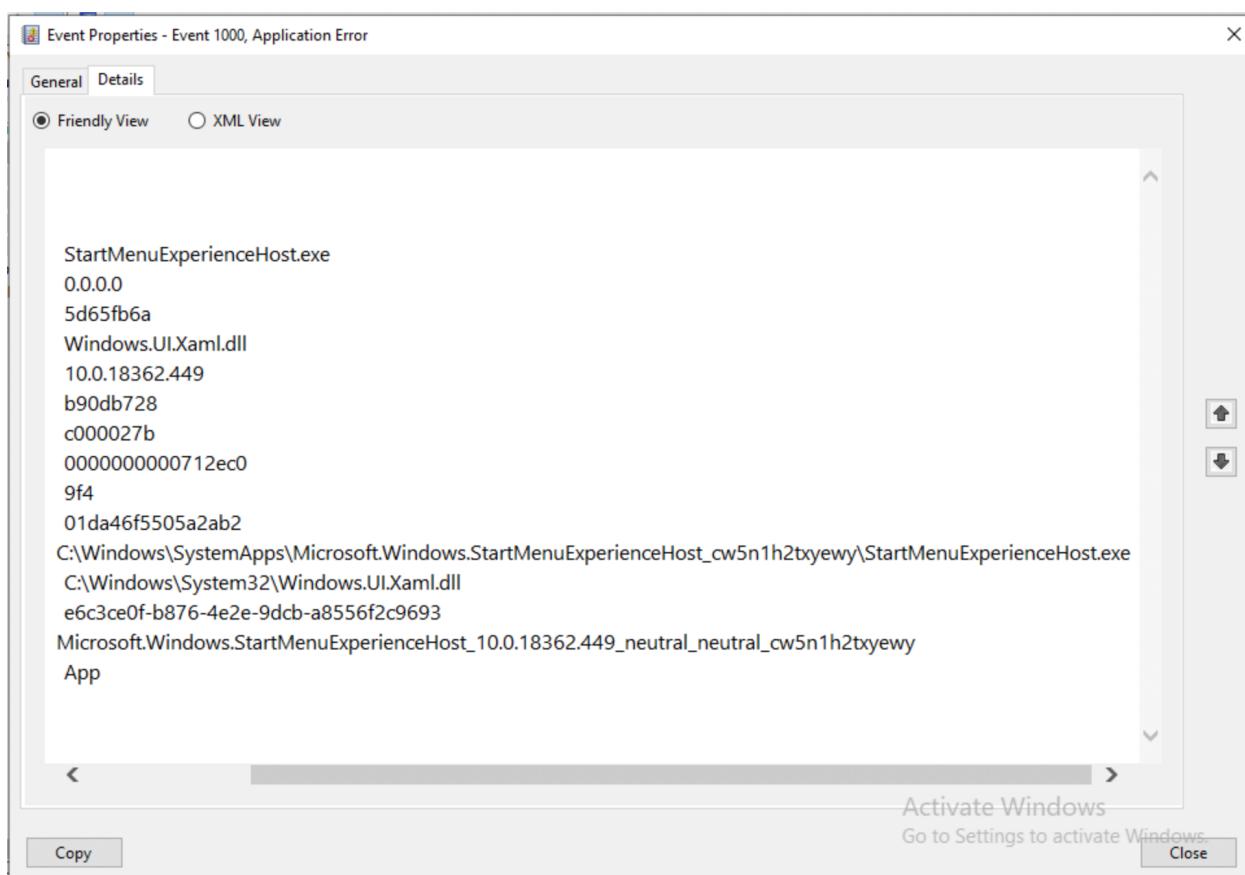


```
austin@ubuntu-vm: /var/log
Jan 17 19:49:47 ubuntu-vm systemd[1]: Reloading.
Jan 17 19:49:48 ubuntu-vm systemd[1]: message repeated 2 times: [ Reloading.]
Jan 17 19:49:48 ubuntu-vm systemd[1]: Starting Daily apt download activities...
Jan 17 19:49:49 ubuntu-vm systemd[1]: apt-daily.service: Deactivated successfully.
Jan 17 19:49:49 ubuntu-vm systemd[1]: Finished Daily apt download activities.
austin@ubuntu-vm:/var/log$ logger
^C
austin@ubuntu-vm:/var/log$ logger "Log entry for Austin Davis, 1/17/2024 8:03pm"
austin@ubuntu-vm:/var/log$ tail syslog
Jan 17 19:49:46 ubuntu-vm systemd[1]: Reloading.
Jan 17 19:49:47 ubuntu-vm systemd[1]: Reloading.
Jan 17 19:49:47 ubuntu-vm systemd[1]: Starting Disk Cache Cleaning Daemon for Apache HTTP Server...
Jan 17 19:49:47 ubuntu-vm systemd[1]: Started Disk Cache Cleaning Daemon for Apache HTTP Server.
Jan 17 19:49:47 ubuntu-vm systemd[1]: Reloading.
Jan 17 19:49:48 ubuntu-vm systemd[1]: message repeated 2 times: [ Reloading.]
Jan 17 19:49:48 ubuntu-vm systemd[1]: Starting Daily apt download activities...
Jan 17 19:49:49 ubuntu-vm systemd[1]: apt-daily.service: Deactivated successfully.
Jan 17 19:49:49 ubuntu-vm systemd[1]: Finished Daily apt download activities.
Jan 17 20:03:52 ubuntu-vm austin: Log entry for Austin Davis, 1/17/2024 8:03pm
austin@ubuntu-vm:/var/log$
```



localhost:6085 (QEMU (d00436865-windows)) - RealVNC Viewer

Event Viewer

File Action View Help

Event Viewer (Local)

- Custom Views
- Administrative Events
- Windows Logs
 - Application
 - Security
 - Setup
 - System
 - Forwarded Events
- Forwarded Events
- Applications and Services Logs
- Subscriptions

Security Number of events: 20,782

Filtered: Log: Security; Source: ; Event ID: 4624. Number of events: 398

Keyword...	Date and Time	Source	Event ID	Task Ca...
Audi...	1/18/2024 2:56:33 AM	Micros...	4624	Logon
Audi...	1/18/2024 2:51:51 AM	Micros...	4624	Logon
Audi...	1/18/2024 2:47:00 AM	Micros...	4624	Logon
Audi...	1/18/2024 2:40:41 AM	Micros...	4624	Logon
Audi...	1/17/2024 9:19:40 PM	Micros...	4624	Logon
Audi...	1/17/2024 9:11:46 PM	Micros...	4624	Logon
Audi...	1/17/2024 8:25:29 PM	Micros...	4624	Logon
Audi...	1/17/2024 7:56:43 PM	Micros...	4624	Logon
Audi...	1/17/2024 7:52:33 PM	Micros...	4624	Logon
Audi...	1/17/2024 7:36:25 PM	Micros...	4624	Logon
Audi...	1/17/2024 7:20:17 PM	Micros...	4624	Logon
Audi...	1/17/2024 7:11:50 PM	Micros...	4624	Logon
Audi...	1/17/2024 5:52:25 PM	Micros...	4624	Logon
Audi...	1/17/2024 5:52:23 PM	Micros...	4624	Logon
Audi...	1/17/2024 5:52:23 PM	Micros...	4624	Logon
Audi...	1/17/2024 5:51:17 PM	Micros...	4624	Logon

Event 4624, Microsoft Windows security auditing.

General Details

Friendly View XML View

SubjectUserId S-1-5-18
SubjectUserName WIN-DRO5LB4BNSE\$
SubjectDomainName WORKGROUP
SubjectLogonId 0x3e7
TaraetUserId S-1-5-18

Activate Windows
Go to Settings to activate Windows.

Creates a filter.

Actions

- Security
 - Open Saved Log...
 - Create Custom View...
 - Import Custom View...
 - Clear Log...
 - Filter Current Log...
 - Clear Filter
- Properties
- Find...
- Save Filtered Log File A...
- Attach a Task To this L...
- Save Filter to Custom ...
- View
- Refresh
- Help

Event 4624, Microsoft Wind...

```
austin@austin-kali: ~
File Actions Edit View Help
Nmap done: 1 IP address (1 host up) scanned in 1.57 seconds
└──(austin㉿kali)-[~]
$ sudo hping3 -S -p 80 144.38.217.226
[sudo] password for austin:
HPING 144.38.217.226 (eth0 144.38.217.226): S set, 40 headers + 0 data bytes
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=0 win=64240 rtt
=7.6 ms
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=1 win=64240 rtt
=6.8 ms
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=2 win=64240 rtt
=2.6 ms
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=3 win=64240 rtt
=2.3 ms
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=4 win=64240 rtt
=2.0 ms
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=6 win=64240 rtt
=1.4 ms
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=7 win=64240 rtt
=0.8 ms
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=8 win=64240 rtt
=8.5 ms
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=9 win=64240 rtt
=8.3 ms
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=10 win=64240 rt
t=8.0 ms
len=46 ip=144.38.217.226 ttl=64 DF id=0 sport=80 flags=SA seq=11 win=64240 rt
```

austin@austin-kali: ~

File Actions Edit View Help

```
(austin@austin-kali)-[~]
$ nmap 144.38.217.226
Starting Nmap 7.94 ( https://nmap.org ) at 2024-01-17 19:52 MST
Nmap scan report for 226.phony224-217.it3100.cs.utahtech.edu (144.38.217.226)
Host is up (0.00053s latency).
Not shown: 999 closed tcp ports (conn-refused)
PORT      STATE SERVICE
80/tcp    open  http

Nmap done: 1 IP address (1 host up) scanned in 1.57 seconds

(austin@austin-kali)-[~]
$ 
```

KALI LINUX

"the quieter you become, the more you are able to hear"

austin@ubuntu-vm: ~

My traceroute [v0.95]

ubuntu-vm (144.38.217.226) -> blogs.getcertifiedgetahead.com 2024-01-17T19:47:38-0700

Keys: Help Display mode Restart statistics Order of fields quit

Host		Packets			Pings			
		Loss%	Snt	Last	Avg	Best	Wrst	StDev
1. 225.phony224-217.it3100.cs.utaht		6.7%	15	61.3	28.7	0.9	80.4	29.3
2. 144.38.250.1		0.0%	15	0.6	1.0	0.5	3.0	0.8
3. 172.29.4.2		0.0%	15	0.7	1.5	0.6	8.2	2.0
4. 172.29.3.218		0.0%	15	2.6	1.2	0.9	2.6	0.4
5. 144.38.0.2		0.0%	15	1.3	1.3	1.1	3.3	0.6
6. 140.197.247.222		0.0%	15	1.9	1.9	1.6	3.2	0.4
7. tdc-beibr-b-170-int.uen.net		0.0%	14	2.3	2.4	1.9	3.9	0.7
8. tdc-beibr-a-169-int.uen.net		0.0%	14	5.2	3.3	2.2	9.9	2.1
9. hundrededge-0-0-0-24.702.core1.lasv.net		0.0%	14	7.4	6.9	5.7	8.3	0.8
10. fourhundrededge-0-0-0-4.4079.core2.lasv.net		0.0%	14	21.6	19.5	17.2	21.6	1.4
11. fourhundrededge-0-0-0-1.4079.core2.lasv.net		0.0%	14	18.8	19.5	17.7	21.3	1.2
12. fourhundrededge-0-0-0-49.4079.agg2.lasv.net		0.0%	14	18.5	321.3	18.5	4242.	1128.
13. 172.68.188.56		0.0%	14	21.5	19.3	17.3	29.1	3.3
14. 172.68.188.20		0.0%	14	17.8	20.7	16.9	37.7	6.1
15. 162.159.135.42		0.0%	14	18.0	17.1	16.8	18.0	0.3

Administrator: Windows PowerShell

```
Ping statistics for 144.38.217.225:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 70ms, Average = 8ms
PS C:\Windows\system32> pathping blogs.getcertifiedgetahead.com

Tracing route to blogs.getcertifiedgetahead.com [162.159.135.42]
over a maximum of 30 hops:
  0  DESKTOP-IOTC2NU [144.38.217.230]
  1  225.phony224-217.it3100.cs.utahtech.edu [144.38.217.225]
  2  144.38.250.1
  3  172.29.4.2
  4  172.29.3.218
  5  144.38.0.2
  6  140.197.247.222
  7  tdc-beibr-b-170-int.uen.net [140.197.249.82]
  8  tdc-beibr-a-169-int.uen.net [140.197.249.80]
  9  hundrededge-0-0-0-24.702.core1.lasv.net.internet2.edu [198.71.47.68]
 10  fourhundrededge-0-0-0-4.4079.core2.losa.net.internet2.edu [163.253.1.205]
 11  fourhundrededge-0-0-0-1.4079.core2.sunn.net.internet2.edu [163.253.1.195]
 12  fourhundrededge-0-0-0-49.4079.agg2.sanj.net.internet2.edu [163.253.2.46]
 13  172.68.188.56
 14  162.158.164.2
 15  162.159.135.42

Computing statistics for 375 seconds...
```

Windows PowerShell

```
PS C:\Users\Austin> ping -n 10 144.38.217.225

Pinging 144.38.217.225 with 32 bytes of data:
Reply from 144.38.217.225: bytes=32 time=1ms TTL=254
Reply from 144.38.217.225: bytes=32 time=39ms TTL=254
Reply from 144.38.217.225: bytes=32 time=1ms TTL=254
Reply from 144.38.217.225: bytes=32 time=11ms TTL=254
Reply from 144.38.217.225: bytes=32 time=1ms TTL=254
Reply from 144.38.217.225: bytes=32 time=1ms TTL=64
Reply from 144.38.217.225: bytes=32 time=2ms TTL=254
Reply from 144.38.217.225: bytes=32 time=5ms TTL=254
Reply from 144.38.217.225: bytes=32 time=1ms TTL=254
Reply from 144.38.217.225: bytes=32 time=80ms TTL=254

Ping statistics for 144.38.217.225:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 80ms, Average = 14ms
PS C:\Users\Austin> ■
```

```
austin@ubuntu-vm: /var/log
Jan 17 00:00:25 ubuntu-vm systemd[1]: Stopping CUPS Scheduler...
Jan 17 00:00:25 ubuntu-vm systemd[1]: cups.service: Deactivated successfully.
Jan 17 00:00:25 ubuntu-vm systemd[1]: Stopped CUPS Scheduler.

austin@ubuntu-vm:/var/log$ tail syslog
Jan 17 19:49:47 ubuntu-vm systemd[1]: Starting Disk Cache Cleaning Daemon for Apache HTTP Server...
Jan 17 19:49:47 ubuntu-vm systemd[1]: Started Disk Cache Cleaning Daemon for Apache HTTP Server.
Jan 17 19:49:47 ubuntu-vm systemd[1]: Reloading.
Jan 17 19:49:48 ubuntu-vm systemd[1]: message repeated 2 times: [ Reloading.]
Jan 17 19:49:48 ubuntu-vm systemd[1]: Starting Daily apt download activities...
Jan 17 19:49:49 ubuntu-vm systemd[1]: apt-daily.service: Deactivated successfull
y.
Jan 17 19:49:49 ubuntu-vm systemd[1]: Finished Daily apt download activities.
Jan 17 20:03:52 ubuntu-vm austin: Log entry for Austin Davis, 1/17/2024 8:03pm
Jan 17 20:05:40 ubuntu-vm ubuntu-report[3400]: level=error msg="data were not de
livered successfully to metrics server, retrying in 1800s"
Jan 17 20:17:01 ubuntu-vm CRON[140003]: (root) CMD (    cd / && run-parts --repor
t /etc/cron.hourly)
austin@ubuntu-vm:/var/log$ journalctl --since 2024-01-17 -n 10
Jan 17 00:00:25 ubuntu-vm systemd[1]: Starting Daily dpkg database backup servi>
Jan 17 00:00:25 ubuntu-vm systemd[1]: Starting Rotate log files...
Jan 17 00:00:25 ubuntu-vm systemd[1]: Stopping Make remote CUPS printers availa>
Jan 17 00:00:25 ubuntu-vm systemd[1]: dpkg-db-backup.service: Deactivated succe>
Jan 17 00:00:25 ubuntu-vm systemd[1]: Finished Daily dpkg database backup servi>
Jan 17 00:00:25 ubuntu-vm systemd[1]: cups-browsed.service: Deactivated success>
Jan 17 00:00:25 ubuntu-vm systemd[1]: Stopped Make remote CUPS printers availab>
Jan 17 00:00:25 ubuntu-vm systemd[1]: Stopping CUPS Scheduler...
Jan 17 00:00:25 ubuntu-vm systemd[1]: cups.service: Deactivated successfully.
Jan 17 00:00:25 ubuntu-vm systemd[1]: Stopped CUPS Scheduler.

lines 1-10/10 (END)
```