

JOESandbox Cloud BASIC



**ID:** 528748

**Sample Name:** seWzsbHICC

**Cookbook:**

defaultlinuxfilecookbook.jbs

**Time:** 18:28:37

**Date:** 25/11/2021

**Version:** 34.0.0 Boulder Opal

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File Deleted	70
File Read	70
File Written	70
Directory Created	70
Owner / Group Modified	70
Permission Modified	71

# Linux Analysis Report seWzsbHICC

## Overview

### General Information

Sample Name:	seWzsbHICC
Analysis ID:	528748
MD5:	4a3e4fcf840711d..
SHA1:	1debbe3bda8a84..
SHA256:	8797bac4f4912bf..
Tags:	32 arm elf mirai
Infos:	

### Detection

**MALICIOUS**

**SUSPICIOUS**

**CLEAN**

**UNKNOWN**

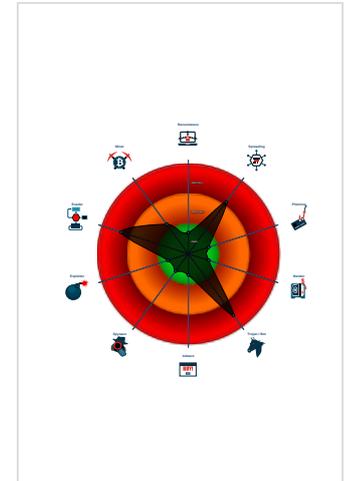
**Mirai**

Score:	88
Range:	0 - 100
Whitelisted:	false

### Signatures

- Snort IDS alert for network traffic (e....
- Yara detected Mirai
- Sample tries to kill many processes...
- Deletes all firewall rules
- Connects to many ports of the same...
- Sample deletes itself
- Sample is packed with UPX
- Uses known network protocols on no...
- Deletes security-related log files
- Sample reads /proc/mounts (often u...
- Executes the "kill" or "pkill" comman...
- Sample contains only a LAMP stack

### Classification



## Analysis Advice

All HTTP servers contacted by the sample do not answer. Likely the sample is an old dropper which does no longer work

Static ELF header machine description suggests that the sample might only run correctly on MIPS or ARM architectures

Static ELF header machine description suggests that the sample might not execute correctly on this machine

## General Information

Joe Sandbox Version:	34.0.0 Boulder Opal
Analysis ID:	528748
Start date:	25.11.2021
Start time:	18:28:37
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 10m 10s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	seWzsbHICC
Cookbook file name:	defaultlinuxfilecookbook.jbs
Analysis system description:	Ubuntu Linux 20.04 x64 (Kernel 5.4.0-72, Firefox 91.0, Evince Document Viewer 3.36.10, LibreOffice 6.4.7.2, OpenJDK 11.0.11)
Analysis Mode:	default
Detection:	MAL
Classification:	mal88.spre.troj.evad.lin@0/9@2/0
Warnings:	Show All

## Process Tree

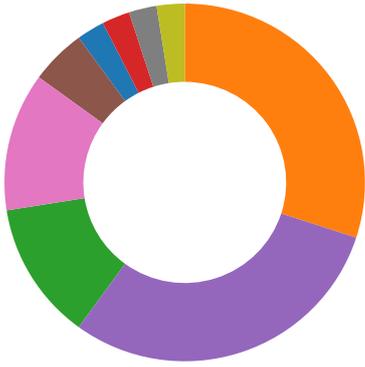
- system is Inubuntu20
  - seWzsbHICC (PID: 5271, Parent: 5122, MD5: 5ebfcae4fe2471fcc5695c2394773ff1) Arguments: /tmp/seWzsbHICC
    - seWzsbHICC New Fork (PID: 5273, Parent: 5271)
    - seWzsbHICC New Fork (PID: 5275, Parent: 5271)
      - seWzsbHICC New Fork (PID: 5278, Parent: 5275)
      - seWzsbHICC New Fork (PID: 5280, Parent: 5275)
        - seWzsbHICC New Fork (PID: 5282, Parent: 5280)

- **seWzsbHICC** New Fork (PID: 5284, Parent: 5282)
- **sh** (PID: 5284, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "rm -rf /tmp/\* /var/\* /var/run/\* /var/tmp/\*"
  - **sh** New Fork (PID: 5286, Parent: 5284)
  - **rm** (PID: 5286, Parent: 5284, MD5: aa2b5496fdbfd88e38791ab81f90b95b) Arguments: rm -rf /tmp/config-err-dHT8bZ /tmp/dmesgtail.log /tmp/seWzsbHICC /tmp/snap.lxd /tmp/ssh-hOQ5FjG2iVgO /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-ModemManager.service-c4RYFi /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-color.service-gKIF8e /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-fwupd.service-gB0a9f /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-switcheroo-control.service-APWnLg /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-systemd-logind.service-fofUpj /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-systemd-resolved.service-AFPZg /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-upower.service-x0xOoi /tmp/vmware-root\_721-4290559889 /var/backups /var/cache /var/crash /var/lib /var/local /var/lock /var/log /var/mail /var/metrics /var/opt /var/run /var/snap /var/spool /var/tmp /var/run/NetworkManager /var/run/acpid /var/run/acpid.socket /var/run/apport.lock /var/run/avahi-daemon /var/run/blkid /var/run/cloud-init /var/run/console-setup /var/run/cron.d /var/run/cron.reboot /var/run/cryptsetup /var/run/cups /var/run/dbus /var/run/dmeventd-client /var/run/dmeventd-server /var/run/gdm3 /var/run/gdm3.pid /var/run/initctl /var/run/inittabs /var/run/irqbalance /var/run/lock /var/run/log /var/run/lvm /var/run/mlocate.daily.lock /var/run/mono-xsp4 /var/run/mono-xsp4.pid /var/run/motd.d /var/run/mount /var/run/multipathd.pid /var/run/netns /var/run/network /var/run/screen /var/run/sendsigs.omit.d /var/run/shm /var/run/snapd /var/run/snapd.socket /var/run/snapd.socket /var/run/speech-dispatcher /var/run/spice-vdagentd /var/run/sshd /var/run/sshd.pid /var/run/sudo /var/run/systemd /var/run/systemd /var/run/udisks2 /var/run/unattended-upgrades.lock /var/run/user /var/run/utmp /var/run/uuid /var/run/vmware /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-ModemManager.service-J6Q1Te /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-color.service-srP9of /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-fwupd.service-biJ0Gi /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-switcheroo-control.service-1jxdj /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-systemd-logind.service-ilmWag /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-systemd-resolved.service-X16eHh /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-upower.service-GpSnaf
- **seWzsbHICC** New Fork (PID: 5293, Parent: 5282)
- **sh** (PID: 5293, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "rm -rf /var/log/wtmp"
  - **sh** New Fork (PID: 5295, Parent: 5293)
  - **rm** (PID: 5295, Parent: 5293, MD5: aa2b5496fdbfd88e38791ab81f90b95b) Arguments: rm -rf /var/log/wtmp
- **seWzsbHICC** New Fork (PID: 5296, Parent: 5282)
- **sh** (PID: 5296, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "rm -rf /tmp/\*"
  - **sh** New Fork (PID: 5298, Parent: 5296)
  - **rm** (PID: 5298, Parent: 5296, MD5: aa2b5496fdbfd88e38791ab81f90b95b) Arguments: rm -rf /tmp/\*
- **seWzsbHICC** New Fork (PID: 5299, Parent: 5282)
- **sh** (PID: 5299, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "rm -rf /bin/netstat"
  - **sh** New Fork (PID: 5301, Parent: 5299)
  - **rm** (PID: 5301, Parent: 5299, MD5: aa2b5496fdbfd88e38791ab81f90b95b) Arguments: rm -rf /bin/netstat
- **seWzsbHICC** New Fork (PID: 5302, Parent: 5282)
- **sh** (PID: 5302, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "iptables -F"
  - **sh** New Fork (PID: 5304, Parent: 5302)
  - **iptables** (PID: 5304, Parent: 5302, MD5: 1ab05fef765b6342cdfadaa5275b33af) Arguments: iptables -F
- **seWzsbHICC** New Fork (PID: 5308, Parent: 5282)
- **sh** (PID: 5308, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "pkill -9 busybox"
  - **sh** New Fork (PID: 5310, Parent: 5308)
  - **pkill** (PID: 5310, Parent: 5308, MD5: fa96a75a08109d8842e4865b2907d51f) Arguments: pkill -9 busybox
- **seWzsbHICC** New Fork (PID: 5317, Parent: 5282)
- **sh** (PID: 5317, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "pkill -9 perl"
  - **sh** New Fork (PID: 5319, Parent: 5317)
  - **pkill** (PID: 5319, Parent: 5317, MD5: fa96a75a08109d8842e4865b2907d51f) Arguments: pkill -9 perl
- **seWzsbHICC** New Fork (PID: 5320, Parent: 5282)
- **sh** (PID: 5320, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "pkill -9 python"
  - **sh** New Fork (PID: 5322, Parent: 5320)
  - **pkill** (PID: 5322, Parent: 5320, MD5: fa96a75a08109d8842e4865b2907d51f) Arguments: pkill -9 python
- **seWzsbHICC** New Fork (PID: 5325, Parent: 5282)
- **sh** (PID: 5325, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "service iptables stop"
  - **sh** New Fork (PID: 5327, Parent: 5325)
  - **service** (PID: 5327, Parent: 5325, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: service iptables stop
    - **service** New Fork (PID: 5328, Parent: 5327)
    - **basename** (PID: 5328, Parent: 5327, MD5: 3283660e59f128df18bec9b96fdb4d41) Arguments: basename /usr/sbin/service
    - **service** New Fork (PID: 5329, Parent: 5327)
    - **basename** (PID: 5329, Parent: 5327, MD5: 3283660e59f128df18bec9b96fdb4d41) Arguments: basename /usr/sbin/service
    - **service** New Fork (PID: 5330, Parent: 5327)
    - **systemctl** (PID: 5330, Parent: 5327, MD5: 4deddfb6741481f68aeac522cc26ff4b) Arguments: systemctl --quiet is-active multi-user.target
    - **service** New Fork (PID: 5331, Parent: 5327)
      - **service** New Fork (PID: 5332, Parent: 5331)
      - **systemctl** (PID: 5332, Parent: 5331, MD5: 4deddfb6741481f68aeac522cc26ff4b) Arguments: systemctl list-unit-files --full --type=socket
      - **service** New Fork (PID: 5333, Parent: 5331)
      - **sed** (PID: 5333, Parent: 5331, MD5: 885062561f66aa1d4af4c54b9e7cc81a) Arguments: sed -ne s/\.\socket\[\[a-z\]\\*\s\*\\$/\socket/p
    - **systemctl** (PID: 5327, Parent: 5325, MD5: 4deddfb6741481f68aeac522cc26ff4b) Arguments: systemctl stop iptables.service
- **seWzsbHICC** New Fork (PID: 5334, Parent: 5282)
- **sh** (PID: 5334, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "/sbin/iptables -F; /sbin/iptables -X"
  - **sh** New Fork (PID: 5336, Parent: 5334)
  - **iptables** (PID: 5336, Parent: 5334, MD5: 1ab05fef765b6342cdfadaa5275b33af) Arguments: /sbin/iptables -F
  - **sh** New Fork (PID: 5337, Parent: 5334)
  - **iptables** (PID: 5337, Parent: 5334, MD5: 1ab05fef765b6342cdfadaa5275b33af) Arguments: /sbin/iptables -X
- **seWzsbHICC** New Fork (PID: 5338, Parent: 5282)
- **sh** (PID: 5338, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "service firewalld stop"
  - **sh** New Fork (PID: 5340, Parent: 5338)
  - **service** (PID: 5340, Parent: 5338, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: service firewalld stop
    - **service** New Fork (PID: 5341, Parent: 5340)
      - **basename** (PID: 5341, Parent: 5340, MD5: 3283660e59f128df18bec9b96fdb4d41) Arguments: basename /usr/sbin/service
      - **service** New Fork (PID: 5342, Parent: 5340)
        - **basename** (PID: 5342, Parent: 5340, MD5: 3283660e59f128df18bec9b96fdb4d41) Arguments: basename /usr/sbin/service
        - **service** New Fork (PID: 5343, Parent: 5340)
          - **systemctl** (PID: 5343, Parent: 5340, MD5: 4deddfb6741481f68aeac522cc26ff4b) Arguments: systemctl --quiet is-active multi-user.target
          - **service** New Fork (PID: 5344, Parent: 5340)
            - **service** New Fork (PID: 5345, Parent: 5344)
            - **systemctl** (PID: 5345, Parent: 5344, MD5: 4deddfb6741481f68aeac522cc26ff4b) Arguments: systemctl list-unit-files --full --type=socket
            - **service** New Fork (PID: 5346, Parent: 5344)
              - **sed** (PID: 5346, Parent: 5344, MD5: 885062561f66aa1d4af4c54b9e7cc81a) Arguments: sed -ne s/\.\socket\[\[a-z\]\\*\s\*\\$/\socket/p
        - **systemctl** (PID: 5340, Parent: 5338, MD5: 4deddfb6741481f68aeac522cc26ff4b) Arguments: systemctl stop firewalld.service
    - **seWzsbHICC** New Fork (PID: 5349, Parent: 5282)
    - **sh** (PID: 5349, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "rm -rf ~/.bash\_history"
      - **sh** New Fork (PID: 5351, Parent: 5349)
      - **rm** (PID: 5351, Parent: 5349, MD5: aa2b5496fdbfd88e38791ab81f90b95b) Arguments: rm -rf /root/.bash\_history

- **seWzsbHICC** New Fork (PID: 5352, Parent: 5282)
    - **sh** (PID: 5352, Parent: 5282, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "history -c"
- **systemd** New Fork (PID: 5382, Parent: 1)
- **whoopsie** (PID: 5382, Parent: 1, MD5: d3a6915d0e7398fb4c89a037c13959c8) Arguments: /usr/bin/whoopsie -f
- **systemd** New Fork (PID: 5407, Parent: 1)
- **sshd** (PID: 5407, Parent: 1, MD5: dbca7a6bbf7bf57fedac243d4b2cb340) Arguments: /usr/sbin/sshd -t
- **systemd** New Fork (PID: 5408, Parent: 1)
- **sshd** (PID: 5408, Parent: 1, MD5: dbca7a6bbf7bf57fedac243d4b2cb340) Arguments: /usr/sbin/sshd -D
- **gdm3** New Fork (PID: 5413, Parent: 1320)
- **Default** (PID: 5413, Parent: 1320, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: /etc/gdm3/PrimeOff/Default
- **gdm3** New Fork (PID: 5414, Parent: 1320)
- **Default** (PID: 5414, Parent: 1320, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: /etc/gdm3/PrimeOff/Default
- **systemd** New Fork (PID: 5417, Parent: 1)
- **accounts-daemon** (PID: 5417, Parent: 1, MD5: 01a899e3fb5e7e434bea1290255a1f30) Arguments: /usr/lib/accountsservice/accounts-daemon
- **systemd** New Fork (PID: 5446, Parent: 1860)
- **pulseaudio** (PID: 5446, Parent: 1860, MD5: 0c3b4c789d8ffb12b25507f27e14c186) Arguments: /usr/bin/pulseaudio --daemonize=no --log-target=journal
- **systemd** New Fork (PID: 5471, Parent: 1)
- **gpu-manager** (PID: 5471, Parent: 1, MD5: 8fae9dd5dd67e1f33d873089c2fd8761) Arguments: /usr/bin/gpu-manager --log /var/log/gpu-manager.log
  - **gpu-manager** New Fork (PID: 5472, Parent: 5471)
    - **sh** (PID: 5472, Parent: 5471, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "grep -G \"^blacklist.\*nvidia[:space:]]\*\$\" /etc/modprobe.d/\*.\*conf"
      - **sh** New Fork (PID: 5473, Parent: 5472)
        - **grep** (PID: 5473, Parent: 5472, MD5: 1e6ebb9dd094f774478f72727bdba0f5) Arguments: grep -G ^blacklist.\*nvidia[:space:]]\*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath\_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf
    - **gpu-manager** New Fork (PID: 5474, Parent: 5471)
      - **sh** (PID: 5474, Parent: 5471, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "grep -G \"^blacklist.\*nvidia[:space:]]\*\$\" /lib/modprobe.d/\*.\*conf"
        - **sh** New Fork (PID: 5475, Parent: 5474)
          - **grep** (PID: 5475, Parent: 5474, MD5: 1e6ebb9dd094f774478f72727bdba0f5) Arguments: grep -G ^blacklist.\*nvidia[:space:]]\*\$ /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist\_linux\_5.4.0-72-generic.conf /lib/modprobe.d/blacklist\_linux\_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf
      - **gpu-manager** New Fork (PID: 5476, Parent: 5471)
        - **sh** (PID: 5476, Parent: 5471, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "grep -G \"^blacklist.\*radeon[:space:]]\*\$\" /etc/modprobe.d/\*.\*conf"
          - **sh** New Fork (PID: 5477, Parent: 5476)
            - **grep** (PID: 5477, Parent: 5476, MD5: 1e6ebb9dd094f774478f72727bdba0f5) Arguments: grep -G ^blacklist.\*radeon[:space:]]\*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath\_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf
        - **gpu-manager** New Fork (PID: 5478, Parent: 5471)
          - **sh** (PID: 5478, Parent: 5471, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "grep -G \"^blacklist.\*radeon[:space:]]\*\$\" /lib/modprobe.d/\*.\*conf"
            - **sh** New Fork (PID: 5479, Parent: 5478)
              - **grep** (PID: 5479, Parent: 5478, MD5: 1e6ebb9dd094f774478f72727bdba0f5) Arguments: grep -G ^blacklist.\*radeon[:space:]]\*\$ /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist\_linux\_5.4.0-72-generic.conf /lib/modprobe.d/blacklist\_linux\_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf
          - **gpu-manager** New Fork (PID: 5480, Parent: 5471)
            - **sh** (PID: 5480, Parent: 5471, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "grep -G \"^blacklist.\*amdgpu[:space:]]\*\$\" /etc/modprobe.d/\*.\*conf"
              - **sh** New Fork (PID: 5481, Parent: 5480)
                - **grep** (PID: 5481, Parent: 5480, MD5: 1e6ebb9dd094f774478f72727bdba0f5) Arguments: grep -G ^blacklist.\*amdgpu[:space:]]\*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath\_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf
              - **gpu-manager** New Fork (PID: 5482, Parent: 5471)
                - **sh** (PID: 5482, Parent: 5471, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "grep -G \"^blacklist.\*amdgpu[:space:]]\*\$\" /lib/modprobe.d/\*.\*conf"
                  - **sh** New Fork (PID: 5483, Parent: 5482)
                    - **grep** (PID: 5483, Parent: 5482, MD5: 1e6ebb9dd094f774478f72727bdba0f5) Arguments: grep -G ^blacklist.\*amdgpu[:space:]]\*\$ /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist\_linux\_5.4.0-72-generic.conf /lib/modprobe.d/blacklist\_linux\_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf
              - **gpu-manager** New Fork (PID: 5484, Parent: 5471)
                - **sh** (PID: 5484, Parent: 5471, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "grep -G \"^blacklist.\*nouveau[:space:]]\*\$\" /etc/modprobe.d/\*.\*conf"
                  - **sh** New Fork (PID: 5485, Parent: 5484)
                    - **grep** (PID: 5485, Parent: 5484, MD5: 1e6ebb9dd094f774478f72727bdba0f5) Arguments: grep -G ^blacklist.\*nouveau[:space:]]\*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath\_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf
                  - **gpu-manager** New Fork (PID: 5486, Parent: 5471)
                    - **sh** (PID: 5486, Parent: 5471, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "grep -G \"^blacklist.\*nouveau[:space:]]\*\$\" /lib/modprobe.d/\*.\*conf"
                      - **sh** New Fork (PID: 5487, Parent: 5486)
                        - **grep** (PID: 5487, Parent: 5486, MD5: 1e6ebb9dd094f774478f72727bdba0f5) Arguments: grep -G ^blacklist.\*nouveau[:space:]]\*\$ /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist\_linux\_5.4.0-72-generic.conf /lib/modprobe.d/blacklist\_linux\_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf
              - **systemd** New Fork (PID: 5488, Parent: 1)
              - **generate-config** (PID: 5488, Parent: 1, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: /usr/share/gdm/generate-config
                - **generate-config** New Fork (PID: 5489, Parent: 5488)
                  - **pkill** (PID: 5489, Parent: 5488, MD5: fa96a75a08109d8842e4865b2907d51f) Arguments: pkill --signal HUP --uid gdm dconf-service
              - **systemd** New Fork (PID: 5492, Parent: 1)
              - **gdm-wait-for-drm** (PID: 5492, Parent: 1, MD5: 82043ba752c6930b4e6aaea2f7747545) Arguments: /usr/lib/gdm3/gdm-wait-for-drm
              - **gvfsd-fuse** New Fork (PID: 5494, Parent: 2038)
              - **fusermount** (PID: 5494, Parent: 2038, MD5: 576a1b135c82bdcb97a91acea900566) Arguments: fusermount -u -q -z -- /run/user/1000/gvfs
              - **systemd** New Fork (PID: 5502, Parent: 1)
              - **systemd-user-runtime-dir** (PID: 5502, Parent: 1, MD5: d55f4b0847f88131dcbcf07435178e54) Arguments: /lib/systemd/systemd-user-runtime-dir stop 1000
              - **systemd** New Fork (PID: 5510, Parent: 1)
              - **gdm3** (PID: 5510, Parent: 1, MD5: 2492e2d8d34f9377e3e530a61a15674f) Arguments: /usr/sbin/gdm3
              - **systemd** New Fork (PID: 5554, Parent: 1)
              - **gpu-manager** (PID: 5554, Parent: 1, MD5: 8fae9dd5dd67e1f33d873089c2fd8761) Arguments: /usr/bin/gpu-manager --log /var/log/gpu-manager.log
                - **gpu-manager** New Fork (PID: 5555, Parent: 5554)
                  - **sh** (PID: 5555, Parent: 5554, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "grep -G \"^blacklist.\*nvidia[:space:]]\*\$\" /etc/modprobe.d/\*.\*conf"
                    - **sh** New Fork (PID: 5556, Parent: 5555)
                      - **grep** (PID: 5556, Parent: 5555, MD5: 1e6ebb9dd094f774478f72727bdba0f5) Arguments: grep -G ^blacklist.\*nvidia[:space:]]\*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath\_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf
                  - **gpu-manager** New Fork (PID: 5557, Parent: 5554)
                    - **sh** (PID: 5557, Parent: 5554, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: sh -c "grep -G \"^blacklist.\*nvidia[:space:]]\*\$\" /lib/modprobe.d/\*.\*conf"
                      - **sh** New Fork (PID: 5558, Parent: 5557)



- Malware Analysis System Evasion
- Stealing of Sensitive Information
- Remote Access Functionality



Click to jump to signature section

### Networking:



Snort IDS alert for network traffic (e.g. based on Emerging Threat rules)

Deletes all firewall rules

Connects to many ports of the same IP (likely port scanning)

Uses known network protocols on non-standard ports

### System Summary:



Sample tries to kill many processes (SIGKILL)

### Data Obfuscation:



Sample is packed with UPX

### Persistence and Installation Behavior:



Deletes all firewall rules

Sample reads /proc/mounts (often used for finding a writable filesystem)

### Hooking and other Techniques for Hiding and Protection:



Sample deletes itself

Uses known network protocols on non-standard ports

### Malware Analysis System Evasion:



Deletes security-related log files

### Stealing of Sensitive Information:



Yara detected Mirai

### Remote Access Functionality:



Yara detected Mirai

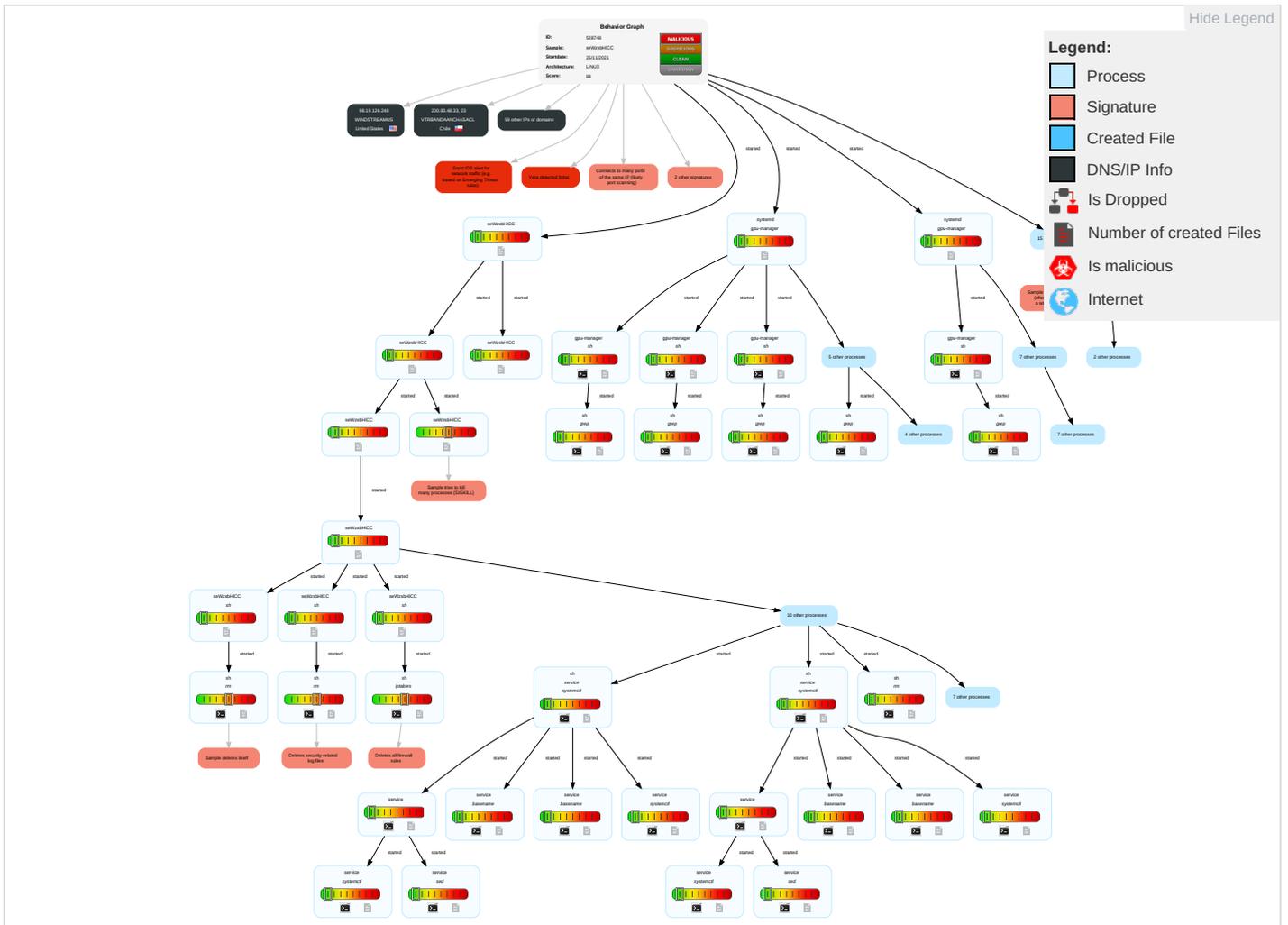
## Mitre Att&ck Matrix

| Initial Access                      | Execution                                  | Persistence                          | Privilege Escalation                 | Defense Evasion                                      | Credential Access              | Discovery                                       | Lateral Movement                   | Collection                     | Exfiltration  | Command and Control                     | Network Effects                             | Remote Service Effects                      |
|-------------------------------------|--|--------------------------------------|--------------------------------------|--|--------------------------------|---|------------------------------------|--------------------------------|---|---|---|---|
| Valid Accounts                      | Command and Scripting Interpreter <b>1</b> | Path Interception                    | Path Interception                    | File and Directory Permissions Modification <b>1</b> | OS Credential Dumping <b>1</b> | Security Software Discovery <b>1 1</b>          | Remote Services                    | Data from Local System         | Exfiltration Over Other Network Medium                | Encrypted Channel <b>1</b>              | Eavesdrop on Insecure Network Communication | Remotely Track Device Without Authorization |
| Default Accounts                    | Scripting <b>1</b>                         | Boot or Logon Initialization Scripts | Boot or Logon Initialization Scripts | Disable or Modify Tools <b>1</b>                     | LSASS Memory                   | System Network Configuration Discovery <b>1</b> | Remote Desktop Protocol            | Data from Removable Media      | Exfiltration Over Bluetooth                           | Non-Standard Port <b>1 1</b>            | Exploit SS7 to Redirect Phone Calls/SMS     | Remotely Wipe Data Without Authorization    |
| Domain Accounts                     | At (Linux)                                 | Logon Script (Windows)               | Logon Script (Windows)               | Scripting <b>1</b>                                   | Security Account Manager       | File and Directory Discovery <b>1</b>           | SMB/Windows Admin Shares           | Data from Network Shared Drive | Automated Exfiltration                                | Non-Application Layer Protocol <b>1</b> | Exploit SS7 to Track Device Location        | Obtain Device Cloud Backups                 |
| Local Accounts                      | At (Windows)                               | Logon Script (Mac)                   | Logon Script (Mac)                   | Hidden Files and Directories <b>1</b>                | NTDS                           | System Information Discovery <b>1</b>           | Distributed Component Object Model | Input Capture                  | Scheduled Transfer                                    | Application Layer Protocol <b>2</b>     | SIM Card Swap                               |   |
| Cloud Accounts                      | Cron                                       | Network Logon Script                 | Network Logon Script                 | Obfuscated Files or Information <b>1</b>             | LSA Secrets                    | Remote System Discovery                         | SSH                                | Keylogging                     | Data Transfer Size Limits                             | Fallback Channels                       | Manipulate Device Communication             |   |
| Replication Through Removable Media | Launchd                                    | Rc.common                            | Rc.common                            | Disable or Modify System Firewall <b>1</b>           | Cached Domain Credentials      | System Owner/User Discovery                     | VNC                                | GUI Input Capture              | Exfiltration Over C2 Channel                          | Multiband Communication                 | Jamming or Denial of Service                |   |
| External Remote Services            | Scheduled Task                             | Startup Items                        | Startup Items                        | Indicator Removal on Host <b>1 1</b>                 | DCSync                         | Network Sniffing                                | Windows Remote Management          | Web Portal Capture             | Exfiltration Over Alternative Protocol                | Commonly Used Port                      | Rogue Wi-Fi Access Points                   |   |
| Drive-by Compromise                 | Command and Scripting Interpreter          | Scheduled Task/Job                   | Scheduled Task/Job                   | File Deletion <b>1 1</b>                             | Proc Filesystem                | Network Service Scanning                        | Shared Webroot                     | Credential API Hooking         | Exfiltration Over Symmetric Encrypted Non-C2 Protocol | Application Layer Protocol              | Downgrade to Insecure Protocols             |   |

## Malware Configuration

No configs have been found

## Behavior Graph



## Antivirus, Machine Learning and Genetic Malware Detection

### Initial Sample

No Antivirus matches

### Dropped Files

No Antivirus matches

### Domains

No Antivirus matches

### URLs

No Antivirus matches

## Domains and IPs

### Contacted Domains

| Name             | IP             | Active | Malicious | Antivirus Detection | Reputation |
|------------------|----------------|--------|-----------|---------------------|------------|
| daisy.ubuntu.com | 162.213.33.132 | true   | false     |                     | high       |

### URLs from Memory and Binaries

## Contacted IPs

### Public

| IP              | Domain  | Country                    | Flag  | ASN    | ASN Name   | Malicious |
|-----------------|---------|----------------------------|---|--------|--|-----------|
| 125.42.146.103  | unknown | China                      |    | 4837   | CHINA169-BACKBONECHINAUNICOM<br>China169BackboneCN           | false     |
| 70.181.35.187   | unknown | United States              |    | 22773  | ASN-CXA-ALL-CCI-22773-RDCUS                                  | false     |
| 207.202.194.215 | unknown | United States              |    | 2044   | IINET-2044US   | false     |
| 78.161.56.209   | unknown | Turkey                     |    | 9121   | TTNETTR  | false     |
| 1.183.129.29    | unknown | China                      |    | 4134   | CHINANET-BACKBONENo31Jin-rongStreetCN                        | false     |
| 154.157.137.159 | unknown | Kenya                      |    | 36926  | CKL1-ASNKE   | false     |
| 129.140.169.249 | unknown | Malawi                     |    | 37440  | Airtel-MW  | false     |
| 63.198.166.79   | unknown | United States              |    | 7018   | ATT-INTERNET4US  | false     |
| 181.213.135.162 | unknown | Brazil                     |    | 28573  | CLAROSABR  | false     |
| 190.73.147.200  | unknown | Venezuela                  |    | 8048   | CANTVServiciosVenezuelaVE                                    | false     |
| 2.93.45.7       | unknown | Russian Federation         |    | 8402   | CORBINA-ASOJSCVimpelcomRU                                    | false     |
| 188.74.238.42   | unknown | Romania                    |    | 60741  | MIZA-ASRO  | false     |
| 37.248.66.119   | unknown | Poland                     |    | 8374   | PLUSNETPlusnetworkoperat<br>orinPolandPL                     | false     |
| 151.93.49.118   | unknown | Italy                      |    | 1267   | ASN-WINDTREIUNETEU   | false     |
| 8.28.61.5       | unknown | United States              |    | 64279  | TFSLAOCUS  | false     |
| 200.83.48.33    | unknown | Chile                      |    | 22047  | VTRBANDAANCHASACL  | false     |
| 155.254.17.225  | unknown | United States              |    | 397423 | TIER-NETUS   | false     |
| 19.187.8.243    | unknown | United States              |   | 3      | MIT-GATEWAYSUS   | false     |
| 150.217.104.194 | unknown | Italy                      |  | 137    | ASGARRConsortiumGARRE<br>U                                   | false     |
| 122.105.197.216 | unknown | Australia                  |  | 4804   | MPX-ASMicroplexPTYLTAU                                       | false     |
| 179.254.251.220 | unknown | Brazil                     |  | 8167   | BrasilTelecomSA-FilialDistritoFederalBR                      | false     |
| 98.19.126.248   | unknown | United States              |  | 7029   | WINDSTREAMUS   | false     |
| 93.87.57.223    | unknown | Serbia                     |  | 8400   | TELEKOM-ASRS   | false     |
| 99.177.214.190  | unknown | United States              |  | 7018   | ATT-INTERNET4US  | false     |
| 165.139.128.251 | unknown | United States              |  | 11686  | EN AUS   | false     |
| 47.207.214.207  | unknown | United States              |  | 5650   | FRONTIER-FRTRUS  | false     |
| 169.97.116.2    | unknown | United States              |  | 37611  | AfrihostZA   | false     |
| 184.242.62.164  | unknown | United States              |  | 10507  | SPCSUS   | false     |
| 115.165.146.158 | unknown | Japan                      |  | 9365   | ITSCOMitscommunicationsIn<br>cJP                             | false     |
| 182.134.184.52  | unknown | China                      |  | 4134   | CHINANET-BACKBONENo31Jin-rongStreetCN                        | false     |
| 86.73.60.242    | unknown | France                     |  | 15557  | LDCOMNETFR   | false     |
| 47.166.238.203  | unknown | United States              |  | 5650   | FRONTIER-FRTRUS  | false     |
| 216.81.216.18   | unknown | United States              |  | 11320  | LIGHTEDGE-AS-02US  | false     |
| 110.132.116.231 | unknown | Japan                      |  | 9824   | JTCL-JP-ASJupiterTelecommunicatio<br>nCoLtdJP                | false     |
| 5.127.54.104    | unknown | Iran (ISLAMIC Republic Of) |  | 44244  | IRANCELL-ASIR  | false     |
| 18.45.73.155    | unknown | United States              |  | 3      | MIT-GATEWAYSUS   | false     |
| 112.54.85.168   | unknown | China                      |  | 24444  | CMNET-V4SHANDONG-AS-APShandongMobileCommuni<br>cationCompany | false     |
| 174.207.243.210 | unknown | United States              |  | 22394  | CELLCOUS   | false     |
| 207.48.168.24   | unknown | United States              |  | 3561   | CENTURYLINK-LEGACY-SAVVISUS                                  | false     |
| 1.141.94.214    | unknown | Australia                  |  | 1221   | ASN-TELSTRATelstraCorporation<br>LtdAU                       | false     |
| 206.89.242.95   | unknown | United States              |  | 3549   | LVLT-3549US  | false     |
| 74.221.73.184   | unknown | United States              |  | 29979  | PWN-ASBLKUS  | false     |
| 38.83.60.43     | unknown | United States              |  | 174    | COGENT-174US   | false     |

| IP              | Domain  | Country              | Flag  | ASN   | ASN Name  | Malicious |
|-----------------|---------|----------------------|---|-------|---|-----------|
| 46.161.206.75   | unknown | Syrian Arab Republic |    | 29256 | INT-PDN-STE-ASSTEPDNInternalASSY                      | false     |
| 171.84.126.231  | unknown | China                |    | 4808  | CHINA169-BJChinaUnicomBeijingProvinceNetworkCN        | false     |
| 112.140.228.143 | unknown | Korea Republic of    |    | 18318 | SPEEDON-AS-KRLGHelloVisionCorpKR                      | false     |
| 166.59.141.111  | unknown | United States        |    | 3377  | MCI-ASNUS   | false     |
| 20.220.220.250  | unknown | United States        |    | 8075  | MICROSOFT-CORP-MSN-AS-BLOCKUS                         | false     |
| 177.201.217.219 | unknown | Brazil               |    | 8167  | BrasilTelecomSA-FilialDistritoFederalBR               | false     |
| 42.134.246.139  | unknown | China                |    | 4249  | LILLY-ASUS  | false     |
| 43.11.77.239    | unknown | Japan                |    | 4249  | LILLY-ASUS  | false     |
| 93.254.32.66    | unknown | Germany              |    | 3320  | DTAGInternetserviceprovideroperationsDE               | false     |
| 35.59.121.11    | unknown | United States        |    | 36375 | UMICH-AS-5US  | false     |
| 39.223.215.28   | unknown | Indonesia            |    | 23693 | TELKOMSEL-ASN-IDPTTelekomunikasiSelularID             | false     |
| 65.92.251.70    | unknown | Canada               |    | 577   | BACOMCA   | false     |
| 63.182.214.13   | unknown | United States        |    | 1239  | SPRINTLINKUS  | false     |
| 135.174.27.61   | unknown | United States        |    | 14962 | NCR-252US   | false     |
| 124.57.70.69    | unknown | Korea Republic of    |    | 17858 | POWERVIS-AS-KRLGPOWERCOMMKR                           | false     |
| 122.32.33.208   | unknown | Korea Republic of    |    | 17858 | POWERVIS-AS-KRLGPOWERCOMMKR                           | false     |
| 44.44.171.245   | unknown | United States        |    | 7377  | UCSDUS  | false     |
| 197.222.122.203 | unknown | Egypt                |    | 37069 | MOBINILEG   | false     |
| 205.173.0.246   | unknown | United States        |    | 21633 | DOI-NBC-NETUS   | false     |
| 202.41.22.160   | unknown | India                |    | 10225 | NETTLINX-IN-APNettlinxLimitedIN                       | false     |
| 163.112.152.93  | unknown | France               |   | 17816 | CHINA169-GZChinaUnicomIPnetworkChina169Guangdongprovi | false     |
| 19.52.128.103   | unknown | United States        |  | 3     | MIT-GATEWAYSUS  | false     |
| 57.157.134.55   | unknown | Belgium              |  | 2686  | ATGS-MMD-ASUS   | false     |
| 210.74.100.133  | unknown | China                |  | 4808  | CHINA169-BJChinaUnicomBeijingProvinceNetworkCN        | false     |
| 223.216.178.39  | unknown | Japan                |  | 4713  | OCNNTTCommunicationsCorporationJP                     | false     |
| 174.127.145.127 | unknown | United States        |  | 11404 | AS-WAVE-1US   | false     |
| 203.14.250.15   | unknown | Australia            |  | 9328  | DATACOM-AUDATACOMSYSTEMSAUPTYLTDAU                    | false     |
| 39.85.149.204   | unknown | China                |  | 4837  | CHINA169-BACKBONECHINAUNICOMChina169BackboneCN        | false     |
| 220.221.217.83  | unknown | Japan                |  | 4713  | OCNNTTCommunicationsCorporationJP                     | false     |
| 32.135.39.52    | unknown | United States        |  | 2686  | ATGS-MMD-ASUS   | false     |
| 210.115.6.130   | unknown | Korea Republic of    |  | 4766  | KIXS-AS-KRKoreaTelecomKR                              | false     |
| 144.187.229.91  | unknown | United States        |  | 22562 | CSC-IGN-EMEAUS  | false     |
| 72.46.16.140    | unknown | United States        |  | 62833 | HUDSONFIBERNETUS                                      | false     |
| 208.236.99.194  | unknown | United States        |  | 4208  | THE-ISERV-COMPANYUS                                   | false     |
| 96.94.23.175    | unknown | United States        |  | 7922  | COMCAST-7922US  | false     |
| 40.62.7.72      | unknown | United States        |  | 4249  | LILLY-ASUS  | false     |
| 117.157.129.101 | unknown | China                |  | 9808  | CMNET-GDGuangdongMobileCommunicationCoLtdCN           | false     |
| 58.51.227.57    | unknown | China                |  | 4134  | CHINANET-BACKBONENo31JinrongStreetCN                  | false     |
| 176.83.195.186  | unknown | Spain                |  | 3352  | TELEFONICA_DE_ESPANAES                                | false     |
| 131.2.49.7      | unknown | United States        |  | 61458 | GOBIERNOAUTONOMOMUNICIPALDELAPAZBO                    | false     |
| 20.130.139.144  | unknown | United States        |  | 8075  | MICROSOFT-CORP-MSN-AS-BLOCKUS                         | false     |
| 104.15.73.68    | unknown | United States        |  | 7018  | ATT-INTERNET4US                                       | false     |

| IP              | Domain  | Country            | Flag  | ASN   | ASN Name   | Malicious |
|-----------------|---------|--------------------|---|-------|--|-----------|
| 47.53.48.241    | unknown | United States      |  | 30722 | VODAFONE-IT-ASNIT                                  | false     |
| 125.32.16.88    | unknown | China              |  | 4837  | CHINA169-BACKBONECHINAUNICOM<br>China169BackboneCN | false     |
| 134.197.162.8   | unknown | United States      |  | 3851  | NSHE-NEVADANETUS                                   | false     |
| 146.181.229.218 | unknown | United States      |  | 786   | JANETJiscServicesLimitedG<br>B                     | false     |
| 78.253.216.102  | unknown | France             |  | 12322 | PROXADFR   | false     |
| 178.141.254.107 | unknown | Russian Federation |  | 44677 | MTS-KRV-ASRU                                       | false     |
| 108.7.134.33    | unknown | United States      |  | 701   | UUNETUS  | false     |
| 143.183.65.250  | unknown | United States      |  | 4983  | INTEL-SC-ASUS                                      | false     |
| 4.209.69.186    | unknown | United States      |  | 3356  | LEVEL3US   | false     |
| 187.129.233.71  | unknown | Mexico             |  | 28283 | AdylnetTelecomBR                                   | false     |
| 160.120.31.151  | unknown | Cote D'ivoire      |  | 29571 | ORANGE-COTE-IVOIRECI                               | false     |
| 216.227.170.102 | unknown | United States      |  | 174   | COGENT-174US                                       | false     |
| 153.47.23.88    | unknown | United States      |  | 19512 | LYONDELLUS   | false     |
| 205.153.15.235  | unknown | United States      |  | 209   | CENTURYLINK-US-LEGACY-QWESTUS                      | false     |
| 34.99.239.143   | unknown | United States      |  | 15169 | GOOGLEUS   | false     |

## Joe Sandbox View / Context

### IPs

| Match         | Associated Sample Name / URL | SHA 256                  | Detection | Link                   | Context |
|---------------|------------------------------|--------------------------|-----------|------------------------|---------|
| 151.93.49.118 | e4phNkmjAJ                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |

### Domains

| Match            | Associated Sample Name / URL | SHA 256                  | Detection | Link                   | Context          |
|------------------|------------------------------|--------------------------|-----------|------------------------|------------------|
| daisy.ubuntu.com | arm7-20211121-1750           | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |
|                  | x86-20211121-1750            | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |
|                  | arm-20211121-1750            | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.108 |
|                  | t99LTv3hiB                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.108 |
|                  | wPLf38GLbn                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |
|                  | E4lCZiGLyr                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.108 |
|                  | fYRxyPYc8j                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |
|                  | mLh9jwpikq                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |
|                  | XLKPMXNVFz                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.108 |
|                  | mpsl                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.108 |
|                  | x86                          | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.108 |
|                  | mips                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |
|                  | arm7                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.108 |
|                  | arm                          | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.108 |
|                  | HFRMJ1PUdK                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.108 |
|                  | LPywXJs5AN                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |
|                  | Jyw7E6XVyV                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |
|                  | YSq7Yxaw94                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |
|                  | Ij112bAXnS                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |
|                  | gEozNq7Lx                    | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 162.213.33.132 |

### ASN

| Match  | Associated Sample Name / URL | SHA 256                  | Detection | Link                   | Context          |
|--|------------------------------|--------------------------|-----------|------------------------|------------------|
| CHINA169-BACKBONECHINAUNICOMChina169BackboneCN | arm7                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 1.191.108.186  |
|  | arm                          | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 121.28.150.58  |
|  | TDJjFDkG4                    | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 113.230.107.33 |
|  | or4ypx7Ery                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 101.68.23.10   |
|  | alJU2bjDwO                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 119.180.23.246 |
|  | KEn71AQ430                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 101.19.160.131 |

| Match                                   | Associated Sample Name / URL | SHA 256                  | Detection                | Link                   | Context                |                   |
|---|------------------------------|--------------------------|--------------------------|------------------------|------------------------|-------------------|
|   | pwY5ozOzpY                   | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 112.132.41.170       |                   |
|   | Ljm7n1QDZe                   | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 125.44.36.116        |                   |
|   | Jx35I5pwgd                   | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 61.161.163.133       |                   |
|   | HXSFwEhM8m                   | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 120.15.222.152       |                   |
|   | meerkat.arm7                 | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 125.211.65.53        |                   |
|   | meerkat.x86                  | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 39.82.208.155        |                   |
|   | oQANZnrt9d                   | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 124.163.221.209      |                   |
|   | KWDww9OWgh                   | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 125.39.128.140       |                   |
|   | y8CYO3E0MF                   | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 220.192.165.211      |                   |
|   | Akiru.arm7                   | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 121.30.41.210        |                   |
|   | Akiru.arm                    | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 116.133.14.218       |                   |
|   | HLiQSwY7                     | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 153.7.216.250        |                   |
|   | aZsszSGIEV                   | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 123.232.160.20       |                   |
|   | TwikaSb2s6                   | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 115.52.253.248       |                   |
|   | ASN-CXA-ALL-CCI-22773-RDCUS  | l8np4x8FGL               | <a href="#">Get hash</a> | malicious              | <a href="#">Browse</a> | • 184.186.97.253  |
|   |                              | aljU2bjDwO               | <a href="#">Get hash</a> | malicious              | <a href="#">Browse</a> | • 184.181.236.223 |
|   |                              | KEh71AQ430               | <a href="#">Get hash</a> | malicious              | <a href="#">Browse</a> | • 184.185.142.96  |
| pwY5ozOzpY                              |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 98.175.159.215       |                   |
| Ljm7n1QDZe                              |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 174.65.31.255        |                   |
| Jx35I5pwgd                              |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 174.76.96.7          |                   |
| meerkat.arm7                            |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 164.168.234.168      |                   |
| KWDww9OWgh                              |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 70.181.35.199        |                   |
| aZsszSGIEV                              |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 98.184.102.0         |                   |
| sora.x86                                |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 68.8.171.134         |                   |
| NQsLN1nOON                              |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 98.187.110.186       |                   |
| B67M2Q6NeK                              |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 98.187.110.188       |                   |
| c0az1I4js3001lSk4xd9n.arm-20211124-0850 |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 68.0.198.69          |                   |
| x86_64-20211124-0649                    |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 68.109.156.176       |                   |
| arm-20211124-0649                       |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 68.4.59.95           |                   |
| arm6-20211124-0649                      |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 70.178.43.31         |                   |
| lLvGTP8xik                              |                              | <a href="#">Get hash</a> | malicious                | <a href="#">Browse</a> | • 98.186.255.228       |                   |
| psl4iJBgiA                              | <a href="#">Get hash</a>     | malicious                | <a href="#">Browse</a>   | • 98.168.188.216       |                        |                   |
| zxllLJKauk                              | <a href="#">Get hash</a>     | malicious                | <a href="#">Browse</a>   | • 72.212.53.113        |                        |                   |
| z0r0.x86                                | <a href="#">Get hash</a>     | malicious                | <a href="#">Browse</a>   | • 24.234.228.113       |                        |                   |

### JA3 Fingerprints

No context

### Dropped Files

No context

### Created / dropped Files

| /home/saturnino/.config/pulse/ee49dfd4fa47433baee88884e2d7de7c-default-sink |  |
|---|--|
| Process:  | /usr/bin/pulseaudio  |
| File Type:  | ASCII text   |
| Category:   | dropped  |
| Size (bytes):   | 10   |
| Entropy (8bit):   | 2.9219280948873623   |
| Encrypted:  | false  |
| SSDEEP:   | 3:5bkPn:pkP  |
| MD5:  | FF001A15CE15CF062A3704CEA2991B5F   |
| SHA1:   | B06F6855F376C3245B82212AC73ADED55DFE5DEF   |
| SHA-256:  | C54830B41ECFA1B6FBDC30397188DDA86B7B200E62AEC21AE694A6192DCC38A  |
| SHA-512:  | 65EBF7C31F6F65713CE01B38A112E97D0AE64A6BD1DA40CE4C1B998F10CD3912EE1A48BB2B279B24493062118AAB3B8753742E2AF28E56A31A7AAB27DE80E7BF |
| Malicious:  | false  |

### /home/saturnino/.config/pulse/ee49dfd4fa47433baee88884e2d7de7c-default-sink

Reputation: moderate, very likely benign file

Preview: auto\_null.

### /home/saturnino/.config/pulse/ee49dfd4fa47433baee88884e2d7de7c-default-source

Process: /usr/bin/pulseaudio

File Type: ASCII text

Category: dropped

Size (bytes): 18

Entropy (8bit): 3.4613201402110088

Encrypted: false

SSDEEP: 3:5bkrlZsXvn:pkckv

MD5: 28FE6435F34B3367707BB1C5D5F6B430

SHA1: EB8FE2D16BD6BBCCE106C94E4D284543B2573CF6

SHA-256: 721A37C69E555799B41D308849E8F8125441883AB021B723FED90A9B744F36C0

SHA-512: 6B6AB7C0979629D0FEF6BE47C5C6BCC367EDD0AAE3FC973F4DE2FD5F0A819C89E7656DB65D453B1B5398E54012B27EDFE02894AD87A7E0AF3A9C5F2EB24A919

Malicious: false

Reputation: moderate, very likely benign file

Preview: auto\_null.monitor.

### /proc/5408/oom\_score\_adj

Process: /usr/sbin/sshd

File Type: ASCII text

Category: dropped

Size (bytes): 6

Entropy (8bit): 1.7924812503605778

Encrypted: false

SSDEEP: 3:ptn:Dn

MD5: CBF282CC55ED0792C33D10003D1F760A

SHA1: 007DD8BD75468E6B7ABA4285E9B267202C7EAEED

SHA-256: FCDABAB99FC0F4409E5F9D7D6FC497780288B4C441698126BB62832412774D22

SHA-512: 4643A8675D213C7DA35CC0C2BFB3B6F20324F9C48AEA7BA79F470615698C9A0CEFDA45CAA1957FC29110EE746BC8458AB8AB1E43EB513912A5E1E8858812CC0

Malicious: false

Reputation: high, very likely benign file

Preview: -1000.

### /run/sshd.pid

Process: /usr/sbin/sshd

File Type: ASCII text

Category: dropped

Size (bytes): 5

Entropy (8bit): 2.321928094887362

Encrypted: false

SSDEEP: 3:E3v:E3v

MD5: 0BE520D99530BBA5C73589931A7285F6

SHA1: AB4844E657DB95D0813D4A6947608894835CFF55

SHA-256: 730C50DA4C1A692C53478AAF119272CB220377D13DC420B57D25ACD5BA02BB0A

SHA-512: B7DB6AAE5EC96AC7CF2B41D7A55B5E32FC5A24FBAABA0C6E829F833C9FDA597DBEFCAEE72E8003B6562EF2A88AC480AF345999497A2B94BE80B8CE8B52DB3312

Malicious: false

Reputation: low

Preview: 5408.

### /run/systemd/resolve/stub-resolv.conf

Process: /tmp/seWzsbHICC

File Type: ASCII text

Category: dropped

Size (bytes): 38

Entropy (8bit): 3.3918926446809334

Encrypted: false

SSDEEP: 3:KkZRAkd:KaAu

| <b>/run/systemd/resolve/stub-resolv.conf</b> |  |
|--|--|
| MD5:   | C7EA09D26E26605227076E0514A33038   |
| SHA1:  | C3F9736E9AF7BD0885578859A50B205C8FA5FC8E   |
| SHA-256:                                     | 7E8AD76E0D200E93918CA2E93C99FF8ECD02071953BF1479819DB3AC0DBB6D07   |
| SHA-512:                                     | 17D0088725EB9991E9EB82E8A3DE0878E45E6F394BBC2AD260AA59C786FF0AD565E145E21256425D1C0ABE15F3ECB402EBB0A6A5E1C2D5BA7A4D95EC93A2861F |
| Malicious:                                   | false  |
| Reputation:                                  | moderate, very likely benign file  |
| Preview:                                     | nameserver 8.8.8.8.nameserver 8.8.4.4.   |

| <b>/run/user/1000/pulse/pid</b> |  |
|---------------------------------|--|
| Process:                        | /usr/bin/pulseaudio  |
| File Type:                      | ASCII text   |
| Category:                       | dropped  |
| Size (bytes):                   | 5  |
| Entropy (8bit):                 | 1.9219280948873623   |
| Encrypted:                      | false  |
| SSDEEP:                         | 3:E1v:E1v  |
| MD5:                            | 6E8DD5F0924CE30B35AEAED9C61A5ADD   |
| SHA1:                           | 1208595C4CA7CD0E6980DD4C17DB3965CD6DFBB3   |
| SHA-256:                        | DC19BDDFF69BBF08AFC8C0C584CBFC3315D3AAB266D7F97564E71CE74D2774C  |
| SHA-512:                        | 353092740BF752D54D1A451EA5C41A87029B9A5784571F191433028BCDC810D5F4B86493F16C1D83A178776CE5B7B5FE7392B076CD32ECF362C1F2520239539E |
| Malicious:                      | false  |
| Reputation:                     | low  |
| Preview:                        | 5446.  |

| <b>/var/log/gpu-manager.log</b> |   |
|---------------------------------|---|
| Process:                        | /usr/bin/gpu-manager  |
| File Type:                      | ASCII text  |
| Category:                       | dropped   |
| Size (bytes):                   | 1515  |
| Entropy (8bit):                 | 4.825813629825568   |
| Encrypted:                      | false   |
| SSDEEP:                         | 24:wPXX9uV6BNu3WDF3GF3XFFxFFed2uk2HUvJlFWkpPpx7uvvAdow9555Ro7uRkoT:wPXXe6vejpeC2HUR5WkpPpcvAdow959  |
| MD5:                            | 7B48386106F00126E44F428D0193E1ED  |
| SHA1:                           | 75F652293B2DE03A845A73B678A5CB7E9701A9F4  |
| SHA-256:                        | 9F60B5D0D5C6F6CB3892E1687D16333F36E3BD450713B00FDF0B2BB90EC7312C  |
| SHA-512:                        | 57D0856EC65558B4A843A4696B644AC3E80B3EA0E6EC1C2FAC7A00015B96EBB2CC30967EB8DEFC3E648E59AC6882F6A4F69468D4B6CD0FD60F9F343C206DBFBC  |
| Malicious:                      | false   |
| Preview:                        | log_file: /var/log/gpu-manager.log.last_boot_file: /var/lib/ubuntu-drivers-common/last_gfx_boot.new_boot_file: /var/lib/ubuntu-drivers-common/last_gfx_boot.can't access /run/u-d-c-nvidia-was-loaded file.can't get module info via kmodcan't access /opt/amdgpu-pro/bin/amdgpu-pro-px.Looking for nvidia modules in /lib/modules/5.4.0-72-generic/kernel.Looking for nvidia modules in /lib/modules/5.4.0-72-generic/updates/dkms.Looking for amdgpu modules in /lib/modules/5.4.0-72-generic/kernel.Looking for amdgpu modules in /lib/modules/5.4.0-72-generic/updates/dkms.Is nvidia loaded? no.Was nvidia unloaded? no.Is nvidia blacklisted? no.Is intel loaded? no.Is radeon loaded? no.Is radeon blacklisted? no.Is amdgpu loaded? no.Is amdgpu blacklisted? no.Is amdgpu versioned? no.Is amdgpu pro stack? no.Is nouveau loaded? no.Is no uveau blacklisted? no.Is nvidia kernel module available? no.Is amdgpu kernel module available? no.Vendor/Device Id: 15ad:405.BusID "PCI:0@0:15:0".Is boot vga? yes.Error: can't acce |

| <b>/var/run/gdm3.pid</b> |   |
|--------------------------|---|
| Process:                 | /usr/sbin/gdm3  |
| File Type:               | ASCII text  |
| Category:                | dropped   |
| Size (bytes):            | 5   |
| Entropy (8bit):          | 1.9219280948873623  |
| Encrypted:               | false   |
| SSDEEP:                  | 3:Fd/n:n/n  |
| MD5:                     | 5DE88F8B8A42BF20A95C7C449C13D8DE  |
| SHA1:                    | 42E07D8ECA0D77F8445F835510C1C634DC89E74F  |
| SHA-256:                 | F9615512F25BC98071A42105AA4A18C4FD1E77EE6B8E7B63B60BAB517DC0114A  |
| SHA-512:                 | 5E1C807B5E7CA6E7A27545BE9418C1954AF3DCA07DE61C9768FCC333A13D646D116DF3B4197B1E106B5C0920DA6FB96FBF83C2F0081937163F22B2FA484661D |
| Malicious:               | false   |
| Preview:                 | 5582.   |

## Static File Info

### General

|                       |   |
|-----------------------|---|
| File type:            | ELF 32-bit LSB executable, ARM, version 1 (ARM), statically linked, stripped  |
| Entropy (8bit):       | 7.977062127211769   |
| TrID:                 | <ul style="list-style-type: none"><li>ELF Executable and Linkable format (generic) (4004/1) 100.00%</li></ul>   |
| File name:            | seWzsbHICC  |
| File size:            | 48788   |
| MD5:                  | 4a3e4fc840711d95a782a1aa01a3758   |
| SHA1:                 | 1debbe3bda8a84261eee99edc5f672165a44813d  |
| SHA256:               | 8797bac4f4912bf412e4dc586f0747c0161de7b3ebd0e680eb814be4e20a7b39  |
| SHA512:               | 3c978fc2340be0aa980be1302d14d5f9c37c6fc762c1ed579c018410003d45a524f600affca34ebe604a1887e2cf4d186df0836c01d03783a0e2fbee1bf3a6bf                                |
| SSDEEP:               | 768:3UTrAuYC4Ut7wwfhcYleXrGgkoJBSwrayOgYfZDAK+/BVZUUMK+P3FKxUOphDI7:3On4Utwch5Gm70/6UL+P3FK6QhR5yz1S  |
| File Content Preview: | .ELF...a.....(.....+.4.....4. ... (.....<br>.....@o...@o...@o.....Q.td.....t.6.U<br>PX!.....S.....?E.h;.....^.....f.+...E.....~.....*<br>....k.#.^8.....Nf3p2f. |

### Static ELF Info

#### ELF header

|                            |                               |
|----------------------------|-------------------------------|
| Class:                     | ELF32                         |
| Data:                      | 2's complement, little endian |
| Version:                   | 1 (current)                   |
| Machine:                   | ARM                           |
| Version Number:            | 0x1                           |
| Type:                      | EXEC (Executable file)        |
| OS/ABI:                    | ARM - ABI                     |
| ABI Version:               | 0                             |
| Entry Point Address:       | 0x12bf8                       |
| Flags:                     | 0x2                           |
| ELF Header Size:           | 52                            |
| Program Header Offset:     | 52                            |
| Program Header Size:       | 32                            |
| Number of Program Headers: | 3                             |
| Section Header Offset:     | 0                             |
| Section Header Size:       | 40                            |
| Number of Section Headers: | 0                             |
| Header String Table Index: | 0                             |

#### Program Segments

| Type      | Offset | Virtual Address | Physical Address | File Size | Memory Size | Entropy | Flags | Flags Description | Align  | Prog Interpreter | Section Mappings |
|-----------|--------|-----------------|------------------|-----------|-------------|---------|-------|-------------------|--------|------------------|------------------|
| LOAD      | 0x0    | 0x8000          | 0x8000           | 0xbda7    | 0xbda7      | 4.0364  | 0x5   | R E               | 0x8000 |                  |                  |
| LOAD      | 0x6f40 | 0x36f40         | 0x36f40          | 0x0       | 0x0         | 0.0000  | 0x6   | RW                | 0x8000 |                  |                  |
| GNU_STACK | 0x0    | 0x0             | 0x0              | 0x0       | 0x0         | 0.0000  | 0x7   | RWE               | 0x4    |                  |                  |

## Network Behavior

### TCP Packets

### DNS Queries

| Timestamp                           | Source IP    | Dest IP | Trans ID | OP Code            | Name             | Type           | Class       |
|-------------------------------------|--------------|---------|----------|--------------------|------------------|----------------|-------------|
| Nov 25, 2021 18:30:11.517456055 CET | 192.168.2.23 | 8.8.8.8 | 0x808e   | Standard query (0) | daisy.ubuntu.com | A (IP address) | IN (0x0001) |
| Nov 25, 2021 18:30:11.518490076 CET | 192.168.2.23 | 8.8.8.8 | 0xbc8d   | Standard query (0) | daisy.ubuntu.com | 28             | IN (0x0001) |

## DNS Answers

| Timestamp                                 | Source IP | Dest IP      | Trans ID | Reply Code   | Name             | CName | Address        | Type           | Class       |
|---|-----------|--------------|----------|--------------|------------------|-------|----------------|----------------|-------------|
| Nov 25, 2021<br>18:30:11.549971104<br>CET | 8.8.8.8   | 192.168.2.23 | 0x808e   | No error (0) | daisy.ubuntu.com |       | 162.213.33.132 | A (IP address) | IN (0x0001) |
| Nov 25, 2021<br>18:30:11.549971104<br>CET | 8.8.8.8   | 192.168.2.23 | 0x808e   | No error (0) | daisy.ubuntu.com |       | 162.213.33.108 | A (IP address) | IN (0x0001) |

## System Behavior

### Analysis Process: seWzsbHICC PID: 5271 Parent PID: 5122

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:21                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | /tmp/seWzsbHICC                  |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

#### File Activities

#### File Read

### Analysis Process: seWzsbHICC PID: 5273 Parent PID: 5271

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:22                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

### Analysis Process: seWzsbHICC PID: 5275 Parent PID: 5271

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:22                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

### Analysis Process: seWzsbHICC PID: 5278 Parent PID: 5275

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:22                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

#### File Activities

#### File Read

#### Directory Enumerated

#### Analysis Process: seWzsbHICC PID: 5280 Parent PID: 5275

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:22                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

#### Analysis Process: seWzsbHICC PID: 5282 Parent PID: 5280

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:22                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

#### File Activities

#### File Written

#### Analysis Process: seWzsbHICC PID: 5284 Parent PID: 5282

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:22                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

#### Analysis Process: sh PID: 5284 Parent PID: 5282

#### General

|             |  |
|-------------|--|
| Start time: | 18:29:22   |
| Start date: | 25/11/2021   |
| Path:       | /bin/sh  |
| Arguments:  | sh -c "rm -rf /tmp/* /var/* /var/run/* /var/tmp/*" |
| File size:  | 129816 bytes                                       |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c                   |

#### File Activities

File Read

Directory Enumerated

Analysis Process: sh PID: 5286 Parent PID: 5284

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:22                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

Analysis Process: rm PID: 5286 Parent PID: 5284

#### General

|             |  |
|-------------|--|
| Start time: | 18:29:22   |
| Start date: | 25/11/2021   |
| Path:       | /usr/bin/rm  |
| Arguments:  | rm -rf /tmp/config-err-dHT8bZ /tmp/dmesgtail.log /tmp/seWzsbHICC /tmp/snap.lxd /tmp/ssh-hOQ5FjG2IVgO /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-ModemManager.service-c4RYFi /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-colord.service-gKIF8e /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-fwupd.service-gB0a9f /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-switcheroo-control.service-APWnLg /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-systemd-logind.service-lofUpj /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-systemd-resolved.service-AfPZzg /tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-upower.service-x0x00i /tmp/vmware-root_721-4290559889 /var/backups /var/cache /var/crash /var/lib /var/local /var/lock /var/log /var/mail /var/metrics /var/opt /var/run /var/snap /var/spool /var/tmp /var/run/NetworkManager /var/run/acpid.pid /var/run/acpid.socket /var/run/apport.lock /var/run/avahi-daemon /var/run/blkid /var/run/cloud-init /var/run/console-setup /var/run/crond.pid /var/run/crond.reboot /var/run/cryptsetup /var/run/cups /var/run/dbus /var/run/dmeventd-client /var/run/dmeventd-server /var/run/gdm3 /var/run/gdm3.pid /var/run/initctl /var/run/intramfs /var/run/irqbalance /var/run/lock /var/run/lvm /var/run/mlocate.daily.lock /var/run/mono-xsp4 /var/run/mono-xsp4.pid /var/run/motd.d /var/run/mount /var/run/multipathd.pid /var/run/netns /var/run/network /var/run/screen /var/run/sendsigs.omit.d /var/run/shm /var/run/snappd /var/run/snappd.socket /var/run/snappd.socket /var/run/speech-dispatcher /var/run/spice-vdagentd /var/run/sshd /var/run/sshd.pid /var/run/sudo /var/run/systemd /var/run/tmpfiles.d /var/run/udev /var/run/udisks2 /var/run/unattended-upgrades.lock /var/run/user /var/run/utmp /var/run/uuid /var/run/vmware /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-ModemManager.service-J6Q1Te /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-colord.service-srP90f /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-fwupd.service-biJ0Gi /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-switcheroo-control.service-1jlxdj /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-systemd-logind.service-llmWag /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-systemd-resolved.service-X16eHh /var/tmp/systemd-private-ec795e01d534441298b2bf519e4c51fc-upower.service-GpSnaf |
| File size:  | 72056 bytes  |
| MD5 hash:   | aa2b5496fdbfd88e38791ab81f90b95b   |

#### File Activities

File Deleted

File Read

Directory Enumerated

**Analysis Process: seWzsbHICC PID: 5293 Parent PID: 5282**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

**Analysis Process: sh PID: 5293 Parent PID: 5282**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "rm -rf /var/log/wtmp"     |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: sh PID: 5295 Parent PID: 5293**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: rm PID: 5295 Parent PID: 5293**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/rm                      |
| Arguments:  | rm -rf /var/log/wtmp             |
| File size:  | 72056 bytes                      |
| MD5 hash:   | aa2b5496fdbfd88e38791ab81f90b95b |

**File Activities**

**File Deleted**

**File Read**

**Analysis Process: seWzsbHICC PID: 5296 Parent PID: 5282**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

**Analysis Process: sh PID: 5296 Parent PID: 5282**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "rm -rf /tmp/*"            |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: sh PID: 5298 Parent PID: 5296**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: rm PID: 5298 Parent PID: 5296**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/rm                      |
| Arguments:  | rm -rf /tmp/*                    |
| File size:  | 72056 bytes                      |
| MD5 hash:   | aa2b5496fdbfd88e38791ab81f90b95b |

**File Activities**

**File Deleted**

**File Read**

**Analysis Process: seWzsbHICC PID: 5299 Parent PID: 5282**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

**Analysis Process: sh PID: 5299 Parent PID: 5282**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "rm -rf /bin/netstat"      |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: sh PID: 5301 Parent PID: 5299**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: rm PID: 5301 Parent PID: 5299**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/rm                      |
| Arguments:  | rm -rf /bin/netstat              |
| File size:  | 72056 bytes                      |
| MD5 hash:   | aa2b5496fdbfd88e38791ab81f90b95b |

**File Activities**

**File Deleted**

**File Read**

Analysis Process: seWzsbHICC PID: 5302 Parent PID: 5282

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

Analysis Process: sh PID: 5302 Parent PID: 5282

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "iptables -F"              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

File Activities

File Read

Analysis Process: sh PID: 5304 Parent PID: 5302

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

Analysis Process: iptables PID: 5304 Parent PID: 5302

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/iptables               |
| Arguments:  | iptables -F                      |
| File size:  | 99296 bytes                      |
| MD5 hash:   | 1ab05fef765b6342cdfadaa5275b33af |

File Activities

File Read

Analysis Process: seWzsbHICC PID: 5308 Parent PID: 5282

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

**Analysis Process: sh PID: 5308 Parent PID: 5282**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "pkill -9 busybox"         |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: sh PID: 5310 Parent PID: 5308**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: pkill PID: 5310 Parent PID: 5308**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/pkill                   |
| Arguments:  | pkill -9 busybox                 |
| File size:  | 30968 bytes                      |
| MD5 hash:   | fa96a75a08109d8842e4865b2907d51f |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: seWzsbHICC PID: 5317 Parent PID: 5282**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:36                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

**Analysis Process: sh PID: 5317 Parent PID: 5282**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:36                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "pkill -9 perl"            |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: sh PID: 5319 Parent PID: 5317**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:36                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: pkill PID: 5319 Parent PID: 5317**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:36                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/pkill                   |
| Arguments:  | pkill -9 perl                    |
| File size:  | 30968 bytes                      |
| MD5 hash:   | fa96a75a08109d8842e4865b2907d51f |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: seWzsbHICC PID: 5320 Parent PID: 5282**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:38                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

**Analysis Process: sh PID: 5320 Parent PID: 5282**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:38                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "pkill -9 python"          |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: sh PID: 5322 Parent PID: 5320**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:38                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: pkill PID: 5322 Parent PID: 5320**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:38                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/pkill                   |
| Arguments:  | pkill -9 python                  |
| File size:  | 30968 bytes                      |
| MD5 hash:   | fa96a75a08109d8842e4865b2907d51f |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: seWzsbHICC PID: 5325 Parent PID: 5282**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:41                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

**Analysis Process: sh PID: 5325 Parent PID: 5282**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:41                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "service iptables stop"    |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: sh PID: 5327 Parent PID: 5325**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:41                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: service PID: 5327 Parent PID: 5325**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:41                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | service iptables stop            |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: service PID: 5328 Parent PID: 5327**

| General     |          |
|-------------|----------|
| Start time: | 18:29:41 |

|             |                                  |
|-------------|----------------------------------|
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: basename PID: 5328 Parent PID: 5327**

**General**

|             |                                 |
|-------------|---------------------------------|
| Start time: | 18:29:41                        |
| Start date: | 25/11/2021                      |
| Path:       | /usr/bin/basename               |
| Arguments:  | basename /usr/sbin/service      |
| File size:  | 39256 bytes                     |
| MD5 hash:   | 3283660e59f128df18bec9b96fd4d41 |

**File Activities**

**File Read**

**Analysis Process: service PID: 5329 Parent PID: 5327**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:41                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: basename PID: 5329 Parent PID: 5327**

**General**

|             |                                 |
|-------------|---------------------------------|
| Start time: | 18:29:41                        |
| Start date: | 25/11/2021                      |
| Path:       | /usr/bin/basename               |
| Arguments:  | basename /usr/sbin/service      |
| File size:  | 39256 bytes                     |
| MD5 hash:   | 3283660e59f128df18bec9b96fd4d41 |

**File Activities**

**File Read**

**Analysis Process: service PID: 5330 Parent PID: 5327**

**General**

|             |                   |
|-------------|-------------------|
| Start time: | 18:29:41          |
| Start date: | 25/11/2021        |
| Path:       | /usr/sbin/service |
| Arguments:  | n/a               |

|            |                                  |
|------------|----------------------------------|
| File size: | 129816 bytes                     |
| MD5 hash:  | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: systemctl PID: 5330 Parent PID: 5327**

**General**

|             |   |
|-------------|---|
| Start time: | 18:29:41                                      |
| Start date: | 25/11/2021                                    |
| Path:       | /usr/bin/systemctl                            |
| Arguments:  | systemctl --quiet is-active multi-user.target |
| File size:  | 996584 bytes                                  |
| MD5 hash:   | 4deddfb6741481f68aeac522cc26ff4b              |

**File Activities**

**File Read**

**Analysis Process: service PID: 5331 Parent PID: 5327**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:41                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: service PID: 5332 Parent PID: 5331**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:41                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: systemctl PID: 5332 Parent PID: 5331**

**General**

|             |  |
|-------------|--|
| Start time: | 18:29:41                                       |
| Start date: | 25/11/2021                                     |
| Path:       | /usr/bin/systemctl                             |
| Arguments:  | systemctl list-unit-files --full --type=socket |
| File size:  | 996584 bytes                                   |
| MD5 hash:   | 4deddfb6741481f68aeac522cc26ff4b               |

**File Activities**

**File Read**

## Analysis Process: service PID: 5333 Parent PID: 5331

## General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:41                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

## Analysis Process: sed PID: 5333 Parent PID: 5331

## General

|             |  |
|-------------|--|
| Start time: | 18:29:41   |
| Start date: | 25/11/2021                                       |
| Path:       | /usr/bin/sed                                     |
| Arguments:  | sed -ne s/\.\socket\.\s*[a-z]*\.\s*\$/.\socket/p |
| File size:  | 121288 bytes                                     |
| MD5 hash:   | 885062561f66aa1d4af4c54b9e7cc81a                 |

## File Activities

## File Read

## Analysis Process: systemctl PID: 5327 Parent PID: 5325

## General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:43                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/systemctl               |
| Arguments:  | systemctl stop iptables.service  |
| File size:  | 996584 bytes                     |
| MD5 hash:   | 4deddfb6741481f68aeac522cc26ff4b |

## File Activities

## File Read

## Analysis Process: seWzsbHICC PID: 5334 Parent PID: 5282

## General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:43                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

**Analysis Process: sh PID: 5334 Parent PID: 5282**

**General**

|             |  |
|-------------|--|
| Start time: | 18:29:43                                     |
| Start date: | 25/11/2021                                   |
| Path:       | /bin/sh                                      |
| Arguments:  | sh -c "/sbin/iptables -F; /sbin/iptables -X" |
| File size:  | 129816 bytes                                 |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c             |

**File Activities**

**File Read**

**Analysis Process: sh PID: 5336 Parent PID: 5334**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:43                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: iptables PID: 5336 Parent PID: 5334**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:43                         |
| Start date: | 25/11/2021                       |
| Path:       | /sbin/iptables                   |
| Arguments:  | /sbin/iptables -F                |
| File size:  | 99296 bytes                      |
| MD5 hash:   | 1ab05fef765b6342cdfadaa5275b33af |

**File Activities**

**File Read**

**Analysis Process: sh PID: 5337 Parent PID: 5334**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:43                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: iptables PID: 5337 Parent PID: 5334**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:43                         |
| Start date: | 25/11/2021                       |
| Path:       | /sbin/iptables                   |
| Arguments:  | /sbin/iptables -X                |
| File size:  | 99296 bytes                      |
| MD5 hash:   | 1ab05fef765b6342cdfadaa5275b33af |

**File Activities**

**File Read**

**Analysis Process: seWzsbHICC PID: 5338 Parent PID: 5282**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:44                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

**Analysis Process: sh PID: 5338 Parent PID: 5282**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:44                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "service firewalld stop"   |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: sh PID: 5340 Parent PID: 5338**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:44                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: service PID: 5340 Parent PID: 5338**

**General**

|             |          |
|-------------|----------|
| Start time: | 18:29:44 |
|-------------|----------|

|             |                                  |
|-------------|----------------------------------|
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | service firewalld stop           |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: service PID: 5341 Parent PID: 5340**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:44                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: basename PID: 5341 Parent PID: 5340**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:44                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/basename                |
| Arguments:  | basename /usr/sbin/service       |
| File size:  | 39256 bytes                      |
| MD5 hash:   | 3283660e59f128df18bec9b96fbd4d41 |

**File Activities**

**File Read**

**Analysis Process: service PID: 5342 Parent PID: 5340**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:44                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: basename PID: 5342 Parent PID: 5340**

**General**

|             |                            |
|-------------|----------------------------|
| Start time: | 18:29:44                   |
| Start date: | 25/11/2021                 |
| Path:       | /usr/bin/basename          |
| Arguments:  | basename /usr/sbin/service |

|            |                                  |
|------------|----------------------------------|
| File size: | 39256 bytes                      |
| MD5 hash:  | 3283660e59f128df18bec9b96fbd4d41 |

### File Activities

#### File Read

### Analysis Process: service PID: 5343 Parent PID: 5340

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:44                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: systemctl PID: 5343 Parent PID: 5340

#### General

|             |   |
|-------------|---|
| Start time: | 18:29:44                                      |
| Start date: | 25/11/2021                                    |
| Path:       | /usr/bin/systemctl                            |
| Arguments:  | systemctl --quiet is-active multi-user.target |
| File size:  | 996584 bytes                                  |
| MD5 hash:   | 4deddfb6741481f68aeac522cc26ff4b              |

### File Activities

#### File Read

### Analysis Process: service PID: 5344 Parent PID: 5340

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:44                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: service PID: 5345 Parent PID: 5344

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:44                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: systemctl PID: 5345 Parent PID: 5344**

**General**

|             |  |
|-------------|--|
| Start time: | 18:29:44                                       |
| Start date: | 25/11/2021                                     |
| Path:       | /usr/bin/systemctl                             |
| Arguments:  | systemctl list-unit-files --full --type=socket |
| File size:  | 996584 bytes                                   |
| MD5 hash:   | 4deddfb6741481f68aeac522cc26ff4b               |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: service PID: 5346 Parent PID: 5344**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:44                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/service                |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: sed PID: 5346 Parent PID: 5344**

**General**

|             |  |
|-------------|--|
| Start time: | 18:29:44                                       |
| Start date: | 25/11/2021                                     |
| Path:       | /usr/bin/sed                                   |
| Arguments:  | sed -ne s/\.\socket\ls*[a-z]*\ls*\$/.\socket/p |
| File size:  | 121288 bytes                                   |
| MD5 hash:   | 885062561f66aa1d4af4c54b9e7cc81a               |

**File Activities**

**File Read**

**Analysis Process: systemctl PID: 5340 Parent PID: 5338**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:47                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/systemctl               |
| Arguments:  | systemctl stop firewall.service  |
| File size:  | 996584 bytes                     |
| MD5 hash:   | 4deddfb6741481f68aeac522cc26ff4b |

**File Activities**

File Read

Analysis Process: seWzsbHICC PID: 5349 Parent PID: 5282

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:47                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

Analysis Process: sh PID: 5349 Parent PID: 5282

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:47                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "rm -rf ~/.bash_history"   |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

File Activities

File Read

Analysis Process: sh PID: 5351 Parent PID: 5349

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

Analysis Process: rm PID: 5351 Parent PID: 5349

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/rm                      |
| Arguments:  | rm -rf /root/.bash_history       |
| File size:  | 72056 bytes                      |
| MD5 hash:   | aa2b5496fdbfd88e38791ab81f90b95b |

File Activities

File Deleted

File Read

Analysis Process: seWzsbHICC PID: 5352 Parent PID: 5282

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /tmp/seWzsbHICC                  |
| Arguments:  | n/a                              |
| File size:  | 4956856 bytes                    |
| MD5 hash:   | 5ebfcae4fe2471fcc5695c2394773ff1 |

Analysis Process: sh PID: 5352 Parent PID: 5282

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:29:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | sh -c "history -c"               |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

File Activities

File Read

Analysis Process: systemd PID: 5382 Parent PID: 1

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:10                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

Analysis Process: whoopsie PID: 5382 Parent PID: 1

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:10                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/whoopsie                |
| Arguments:  | /usr/bin/whoopsie -f             |
| File size:  | 68592 bytes                      |
| MD5 hash:   | d3a6915d0e7398fb4c89a037c13959c8 |

File Activities

File Read

Directory Enumerated

Directory Created

Owner / Group Modified

Permission Modified

Analysis Process: systemd PID: 5407 Parent PID: 1

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:14                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

Analysis Process: sshd PID: 5407 Parent PID: 1

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:14                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/sshd                   |
| Arguments:  | /usr/sbin/sshd -t                |
| File size:  | 876328 bytes                     |
| MD5 hash:   | dbca7a6bbf7bf57fedac243d4b2cb340 |

File Activities

File Read

Directory Enumerated

Analysis Process: systemd PID: 5408 Parent PID: 1

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:14                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

Analysis Process: sshd PID: 5408 Parent PID: 1

General

|             |                |
|-------------|----------------|
| Start time: | 18:30:14       |
| Start date: | 25/11/2021     |
| Path:       | /usr/sbin/sshd |

|            |                                  |
|------------|----------------------------------|
| Arguments: | /usr/sbin/sshd -D                |
| File size: | 876328 bytes                     |
| MD5 hash:  | dbca7a6bbf7bf57fedac243d4b2cb340 |

**File Activities**

**File Read**

**File Written**

**Directory Enumerated**

**Analysis Process: gdm3 PID: 5413 Parent PID: 1320**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:21                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/gdm3                   |
| Arguments:  | n/a                              |
| File size:  | 453296 bytes                     |
| MD5 hash:   | 2492e2d8d34f9377e3e530a61a15674f |

**Analysis Process: Default PID: 5413 Parent PID: 1320**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:21                         |
| Start date: | 25/11/2021                       |
| Path:       | /etc/gdm3/PrimeOff/Default       |
| Arguments:  | /etc/gdm3/PrimeOff/Default       |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: gdm3 PID: 5414 Parent PID: 1320**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:21                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/gdm3                   |
| Arguments:  | n/a                              |
| File size:  | 453296 bytes                     |
| MD5 hash:   | 2492e2d8d34f9377e3e530a61a15674f |

**Analysis Process: Default PID: 5414 Parent PID: 1320**

**General**

|             |          |
|-------------|----------|
| Start time: | 18:30:21 |
|-------------|----------|

|             |                                  |
|-------------|----------------------------------|
| Start date: | 25/11/2021                       |
| Path:       | /etc/gdm3/PrimeOff/Default       |
| Arguments:  | /etc/gdm3/PrimeOff/Default       |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

#### File Activities

#### File Read

### Analysis Process: systemd PID: 5417 Parent PID: 1

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:21                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

### Analysis Process: accounts-daemon PID: 5417 Parent PID: 1

#### General

|             |  |
|-------------|--|
| Start time: | 18:30:21                                 |
| Start date: | 25/11/2021                               |
| Path:       | /usr/lib/accountsservice/accounts-daemon |
| Arguments:  | /usr/lib/accountsservice/accounts-daemon |
| File size:  | 203192 bytes                             |
| MD5 hash:   | 01a899e3fb5e7e434bea1290255a1f30         |

#### File Activities

#### File Read

### Analysis Process: systemd PID: 5446 Parent PID: 1860

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:43                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

### Analysis Process: pulseaudio PID: 5446 Parent PID: 1860

#### General

|             |   |
|-------------|---|
| Start time: | 18:30:43  |
| Start date: | 25/11/2021  |
| Path:       | /usr/bin/pulseaudio                                     |
| Arguments:  | /usr/bin/pulseaudio --daemonize=no --log-target=journal |

|            |                                  |
|------------|----------------------------------|
| File size: | 100832 bytes                     |
| MD5 hash:  | 0c3b4c789d8ffb12b25507f27e14c186 |

#### File Activities

File Deleted

File Read

File Written

Directory Enumerated

Directory Created

#### Analysis Process: systemd PID: 5471 Parent PID: 1

##### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:47                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

#### Analysis Process: gpu-manager PID: 5471 Parent PID: 1

##### General

|             |   |
|-------------|---|
| Start time: | 18:30:47  |
| Start date: | 25/11/2021  |
| Path:       | /usr/bin/gpu-manager                                |
| Arguments:  | /usr/bin/gpu-manager --log /var/log/gpu-manager.log |
| File size:  | 76616 bytes   |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761                    |

#### File Activities

File Deleted

File Read

Directory Enumerated

#### Analysis Process: gpu-manager PID: 5472 Parent PID: 5471

##### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/gpu-manager             |
| Arguments:  | n/a                              |
| File size:  | 76616 bytes                      |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761 |

### Analysis Process: sh PID: 5472 Parent PID: 5471

#### General

|             |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"^blacklist.*nvidia[[:space:]]*\$\" /etc/modprobe.d/*.conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

#### File Activities

#### File Read

#### Directory Enumerated

### Analysis Process: sh PID: 5473 Parent PID: 5472

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: grep PID: 5473 Parent PID: 5472

#### General

|             |  |
|-------------|--|
| Start time: | 18:30:48   |
| Start date: | 25/11/2021   |
| Path:       | /usr/bin/grep  |
| Arguments:  | grep -G ^blacklist.*nvidia[[:space:]]*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf |
| File size:  | 199136 bytes   |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5   |

#### File Activities

#### File Read

### Analysis Process: gpu-manager PID: 5474 Parent PID: 5471

#### General

|             |                      |
|-------------|----------------------|
| Start time: | 18:30:48             |
| Start date: | 25/11/2021           |
| Path:       | /usr/bin/gpu-manager |
| Arguments:  | n/a                  |
| File size:  | 76616 bytes          |

|           |                                  |
|-----------|----------------------------------|
| MD5 hash: | 8fae9dd5dd67e1f33d873089c2fd8761 |
|-----------|----------------------------------|

**Analysis Process: sh PID: 5474 Parent PID: 5471**

**General**

|             |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"^blacklist.*nvidia[[:space:]]*\$\$\" /lib/modprobe.d/*.conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: sh PID: 5475 Parent PID: 5474**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: grep PID: 5475 Parent PID: 5474**

**General**

|             |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /usr/bin/grep   |
| Arguments:  | grep -G ^blacklist.*nvidia[[:space:]]*\$\$ /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist_linux_5.4.0-72-generic.conf /lib/modprobe.d/blacklist_linux_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf |
| File size:  | 199136 bytes  |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5  |

**File Activities**

**File Read**

**Analysis Process: gpu-manager PID: 5476 Parent PID: 5471**

**General**

|             |                      |
|-------------|----------------------|
| Start time: | 18:30:48             |
| Start date: | 25/11/2021           |
| Path:       | /usr/bin/gpu-manager |
| Arguments:  | n/a                  |
| File size:  | 76616 bytes          |

|           |                                  |
|-----------|----------------------------------|
| MD5 hash: | 8fae9dd5dd67e1f33d873089c2fd8761 |
|-----------|----------------------------------|

**Analysis Process: sh PID: 5476 Parent PID: 5471**

**General**

|             |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"^blacklist.*radeon[[:space:]]*\" /etc/modprobe.d/*.conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: sh PID: 5477 Parent PID: 5476**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: grep PID: 5477 Parent PID: 5476**

**General**

|             |  |
|-------------|--|
| Start time: | 18:30:48   |
| Start date: | 25/11/2021   |
| Path:       | /usr/bin/grep  |
| Arguments:  | grep -G ^blacklist.*radeon[[:space:]]*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf |
| File size:  | 199136 bytes   |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5   |

**File Activities**

**File Read**

**Analysis Process: gpu-manager PID: 5478 Parent PID: 5471**

**General**

|             |                      |
|-------------|----------------------|
| Start time: | 18:30:48             |
| Start date: | 25/11/2021           |
| Path:       | /usr/bin/gpu-manager |

|            |                                  |
|------------|----------------------------------|
| Arguments: | n/a                              |
| File size: | 76616 bytes                      |
| MD5 hash:  | 8fae9dd5dd67e1f33d873089c2fd8761 |

### Analysis Process: sh PID: 5478 Parent PID: 5471

#### General

|             |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"^blacklist.*radeon[[:space:]]*\$\$\" /lib/modprobe.d/*.conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

#### File Activities

#### File Read

#### Directory Enumerated

### Analysis Process: sh PID: 5479 Parent PID: 5478

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: grep PID: 5479 Parent PID: 5478

#### General

|             |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /usr/bin/grep   |
| Arguments:  | grep -G ^blacklist.*radeon[[:space:]]*\$\$ /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist_linux_5.4.0-72-generic.conf /lib/modprobe.d/blacklist_linux_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf |
| File size:  | 199136 bytes  |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5  |

#### File Activities

#### File Read

### Analysis Process: gpu-manager PID: 5480 Parent PID: 5471

#### General

|             |            |
|-------------|------------|
| Start time: | 18:30:48   |
| Start date: | 25/11/2021 |

|            |                                  |
|------------|----------------------------------|
| Path:      | /usr/bin/gpu-manager             |
| Arguments: | n/a                              |
| File size: | 76616 bytes                      |
| MD5 hash:  | 8fae9dd5dd67e1f33d873089c2fd8761 |

### Analysis Process: sh PID: 5480 Parent PID: 5471

#### General

|             |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"^blacklist.*amdgpu[[:space:]]*\$/etc/modprobe.d/*conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

#### File Activities

#### File Read

#### Directory Enumerated

### Analysis Process: sh PID: 5481 Parent PID: 5480

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: grep PID: 5481 Parent PID: 5480

#### General

|             |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /usr/bin/grep   |
| Arguments:  | grep -G ^blacklist.*amdgpu[[:space:]]*\$/etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf |
| File size:  | 199136 bytes  |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5  |

#### File Activities

#### File Read

### Analysis Process: gpu-manager PID: 5482 Parent PID: 5471

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/gpu-manager             |
| Arguments:  | n/a                              |
| File size:  | 76616 bytes                      |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761 |

### Analysis Process: sh PID: 5482 Parent PID: 5471

#### General

|             |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"^blacklist.*amdgpu[[:space:]]*\" /lib/modprobe.d/*.conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

#### File Activities

#### File Read

#### Directory Enumerated

### Analysis Process: sh PID: 5483 Parent PID: 5482

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: grep PID: 5483 Parent PID: 5482

#### General

|             |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /usr/bin/grep   |
| Arguments:  | grep -G ^blacklist.*amdgpu[[:space:]]* /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist_linux_5.4.0-72-generic.conf /lib/modprobe.d/blacklist_linux_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf |
| File size:  | 199136 bytes  |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5  |

#### File Activities

#### File Read

### Analysis Process: gpu-manager PID: 5484 Parent PID: 5471

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/gpu-manager             |
| Arguments:  | n/a                              |
| File size:  | 76616 bytes                      |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761 |

### Analysis Process: sh PID: 5484 Parent PID: 5471

#### General

|             |  |
|-------------|--|
| Start time: | 18:30:48   |
| Start date: | 25/11/2021   |
| Path:       | /bin/sh  |
| Arguments:  | sh -c "grep -G \"^blacklist.*nouveau[:space:]]*\$\" /etc/modprobe.d/*conf" |
| File size:  | 129816 bytes   |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c   |

#### File Activities

#### File Read

#### Directory Enumerated

### Analysis Process: sh PID: 5485 Parent PID: 5484

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: grep PID: 5485 Parent PID: 5484

#### General

|             |  |
|-------------|--|
| Start time: | 18:30:48   |
| Start date: | 25/11/2021   |
| Path:       | /usr/bin/grep  |
| Arguments:  | grep -G ^blacklist.*nouveau[:space:]]*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf |
| File size:  | 199136 bytes   |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5   |

#### File Activities

#### File Read

### Analysis Process: gpu-manager PID: 5486 Parent PID: 5471

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/gpu-manager             |
| Arguments:  | n/a                              |
| File size:  | 76616 bytes                      |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761 |

### Analysis Process: sh PID: 5486 Parent PID: 5471

| General     |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"^blacklist.*nouveau[:space:]]*\$\" /lib/modprobe.d/*.conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

### File Activities

#### File Read

#### Directory Enumerated

### Analysis Process: sh PID: 5487 Parent PID: 5486

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:48                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: grep PID: 5487 Parent PID: 5486

| General     |   |
|-------------|---|
| Start time: | 18:30:48  |
| Start date: | 25/11/2021  |
| Path:       | /usr/bin/grep   |
| Arguments:  | grep -G ^blacklist.*nouveau[:space:]]*\$ /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist_linux_5.4.0-72-generic.conf /lib/modprobe.d/blacklist_linux_5.4.0-81-generic.conf /lib/modprobe.d/ffdev-blacklist.conf /lib/modprobe.d/systemd.conf |
| File size:  | 199136 bytes  |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5  |

### File Activities

#### File Read

### Analysis Process: systemd PID: 5488 Parent PID: 1

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:50                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

**Analysis Process: generate-config PID: 5488 Parent PID: 1**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:50                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/share/gdm/generate-config   |
| Arguments:  | /usr/share/gdm/generate-config   |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**File Activities**

**File Read**

**Analysis Process: generate-config PID: 5489 Parent PID: 5488**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:50                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/share/gdm/generate-config   |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: pkill PID: 5489 Parent PID: 5488**

**General**

|             |  |
|-------------|--|
| Start time: | 18:30:50                                   |
| Start date: | 25/11/2021                                 |
| Path:       | /usr/bin/pkill                             |
| Arguments:  | pkill --signal HUP --uid gdm dconf-service |
| File size:  | 30968 bytes                                |
| MD5 hash:   | fa96a75a08109d8842e4865b2907d51f           |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: systemd PID: 5492 Parent PID: 1**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:52                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

**Analysis Process: gdm-wait-for-drm PID: 5492 Parent PID: 1**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:52                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/gdm3/gdm-wait-for-drm   |
| Arguments:  | /usr/lib/gdm3/gdm-wait-for-drm   |
| File size:  | 14640 bytes                      |
| MD5 hash:   | 82043ba752c6930b4e6aaaa2f7747545 |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: gvfsd-fuse PID: 5494 Parent PID: 2038**

| General     |                                 |
|-------------|---------------------------------|
| Start time: | 18:30:55                        |
| Start date: | 25/11/2021                      |
| Path:       | /usr/libexec/gvfsd-fuse         |
| Arguments:  | n/a                             |
| File size:  | 47632 bytes                     |
| MD5 hash:   | d18bf1cbf8eb57b17fac48b7b4be933 |

**Analysis Process: fusermount PID: 5494 Parent PID: 2038**

| General     |  |
|-------------|--|
| Start time: | 18:30:55                                   |
| Start date: | 25/11/2021                                 |
| Path:       | /bin/fusermount                            |
| Arguments:  | fusermount -u -q -z -- /run/user/1000/gvfs |
| File size:  | 39144 bytes                                |
| MD5 hash:   | 576a1b135c82bdcbc97a91acea900566           |

**File Activities**

**File Read**

**Analysis Process: systemd PID: 5502 Parent PID: 1**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:30:55                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

**Analysis Process: systemd-user-runtime-dir PID: 5502 Parent PID: 1**

| General     |   |
|-------------|---|
| Start time: | 18:30:55  |
| Start date: | 25/11/2021                                      |
| Path:       | /lib/systemd/systemd-user-runtime-dir           |
| Arguments:  | /lib/systemd/systemd-user-runtime-dir stop 1000 |
| File size:  | 22672 bytes                                     |
| MD5 hash:   | d55f4b0847f88131dbcfb07435178e54                |

**File Activities**

**File Deleted**

**File Read**

**Directory Enumerated**

**Directory Deleted**

**Analysis Process: systemd PID: 5510 Parent PID: 1**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:31:02                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

**Analysis Process: gdm3 PID: 5510 Parent PID: 1**

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:31:02                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/gdm3                   |
| Arguments:  | /usr/sbin/gdm3                   |
| File size:  | 453296 bytes                     |
| MD5 hash:   | 2492e2d8d34f9377e3e530a61a15674f |

**File Activities**

**File Deleted**

**File Read**

File Written

Directory Created

Owner / Group Modified

Permission Modified

### Analysis Process: systemd PID: 5554 Parent PID: 1

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:33                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

### Analysis Process: gpu-manager PID: 5554 Parent PID: 1

#### General

|             |   |
|-------------|---|
| Start time: | 18:32:33  |
| Start date: | 25/11/2021  |
| Path:       | /usr/bin/gpu-manager                                |
| Arguments:  | /usr/bin/gpu-manager --log /var/log/gpu-manager.log |
| File size:  | 76616 bytes   |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761                    |

#### File Activities

File Deleted

File Read

File Written

Directory Enumerated

### Analysis Process: gpu-manager PID: 5555 Parent PID: 5554

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:33                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/gpu-manager             |
| Arguments:  | n/a                              |
| File size:  | 76616 bytes                      |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761 |

### Analysis Process: sh PID: 5555 Parent PID: 5554

| General     |   |
|-------------|---|
| Start time: | 18:32:33  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"^blacklist.*nvidia[[:space:]]*\$/etc/modprobe.d/*conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

#### File Activities

#### File Read

#### Directory Enumerated

Analysis Process: sh PID: 5556 Parent PID: 5555

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:33                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

Analysis Process: grep PID: 5556 Parent PID: 5555

| General     |  |
|-------------|--|
| Start time: | 18:32:33   |
| Start date: | 25/11/2021   |
| Path:       | /usr/bin/grep  |
| Arguments:  | grep -G ^blacklist.*nvidia[[:space:]]*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf |
| File size:  | 199136 bytes   |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5   |

#### File Activities

#### File Read

Analysis Process: gpu-manager PID: 5557 Parent PID: 5554

| General     |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:33                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/gpu-manager             |
| Arguments:  | n/a                              |
| File size:  | 76616 bytes                      |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761 |

**Analysis Process: sh PID: 5557 Parent PID: 5554****General**

|             |   |
|-------------|---|
| Start time: | 18:32:33  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"^blacklist.*nvidia[[:space:]]*\" /lib/modprobe.d/*_conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

**File Activities****File Read****Directory Enumerated****Analysis Process: sh PID: 5558 Parent PID: 5557****General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:33                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: grep PID: 5558 Parent PID: 5557****General**

|             |   |
|-------------|---|
| Start time: | 18:32:33  |
| Start date: | 25/11/2021  |
| Path:       | /usr/bin/grep   |
| Arguments:  | grep -G ^blacklist.*nvidia[[:space:]]* /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist_linux_5.4.0-72-generic.conf /lib/modprobe.d/blacklist_linux_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf |
| File size:  | 199136 bytes  |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5  |

**File Activities****File Read****Analysis Process: gpu-manager PID: 5559 Parent PID: 5554****General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:33                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/gpu-manager             |
| Arguments:  | n/a                              |
| File size:  | 76616 bytes                      |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761 |

### Analysis Process: sh PID: 5559 Parent PID: 5554

#### General

|             |   |
|-------------|---|
| Start time: | 18:32:33  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"^blacklist.*radeon[[:space:]]*\" /etc/modprobe.d/*.conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

#### File Activities

#### File Read

#### Directory Enumerated

### Analysis Process: sh PID: 5560 Parent PID: 5559

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:33                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: grep PID: 5560 Parent PID: 5559

#### General

|             |  |
|-------------|--|
| Start time: | 18:32:33   |
| Start date: | 25/11/2021   |
| Path:       | /usr/bin/grep  |
| Arguments:  | grep -G ^blacklist.*radeon[[:space:]]*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf |
| File size:  | 199136 bytes   |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5   |

#### File Activities

#### File Read

### Analysis Process: gpu-manager PID: 5561 Parent PID: 5554

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/gpu-manager             |
| Arguments:  | n/a                              |
| File size:  | 76616 bytes                      |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761 |

**Analysis Process: sh PID: 5561 Parent PID: 5554****General**

|             |  |
|-------------|--|
| Start time: | 18:32:34   |
| Start date: | 25/11/2021   |
| Path:       | /bin/sh  |
| Arguments:  | sh -c "grep -G \'^blacklist.*radeon[[:space:]]*\${' /lib/modprobe.d/*conf" |
| File size:  | 129816 bytes   |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c   |

**File Activities****File Read****Directory Enumerated****Analysis Process: sh PID: 5562 Parent PID: 5561****General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: grep PID: 5562 Parent PID: 5561****General**

|             |  |
|-------------|--|
| Start time: | 18:32:34   |
| Start date: | 25/11/2021   |
| Path:       | /usr/bin/grep  |
| Arguments:  | grep -G ^blacklist.*radeon[[:space:]]*\${ /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist_linux_5.4.0-72-generic.conf /lib/modprobe.d/blacklist_linux_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf |
| File size:  | 199136 bytes   |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5   |

**File Activities****File Read****Analysis Process: gpu-manager PID: 5563 Parent PID: 5554****General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/bin/gpu-manager             |
| Arguments:  | n/a                              |
| File size:  | 76616 bytes                      |
| MD5 hash:   | 8fae9dd5dd67e1f33d873089c2fd8761 |

**Analysis Process: sh PID: 5563 Parent PID: 5554**

**General**

|             |  |
|-------------|--|
| Start time: | 18:32:34   |
| Start date: | 25/11/2021   |
| Path:       | /bin/sh  |
| Arguments:  | sh -c "grep -G \"^blacklist.*amdgpu[[:space:]]*\" /etc/modprobe.d/* .conf" |
| File size:  | 129816 bytes   |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c   |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: sh PID: 5564 Parent PID: 5563**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: grep PID: 5564 Parent PID: 5563**

**General**

|             |  |
|-------------|--|
| Start time: | 18:32:34   |
| Start date: | 25/11/2021   |
| Path:       | /usr/bin/grep  |
| Arguments:  | grep -G ^blacklist.*amdgpu[[:space:]]*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf |
| File size:  | 199136 bytes   |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5   |

**File Activities**

**File Read**

**Analysis Process: gpu-manager PID: 5565 Parent PID: 5554**

**General**

|             |                      |
|-------------|----------------------|
| Start time: | 18:32:34             |
| Start date: | 25/11/2021           |
| Path:       | /usr/bin/gpu-manager |
| Arguments:  | n/a                  |
| File size:  | 76616 bytes          |

|           |                                  |
|-----------|----------------------------------|
| MD5 hash: | 8fae9dd5dd67e1f33d873089c2fd8761 |
|-----------|----------------------------------|

**Analysis Process: sh PID: 5565 Parent PID: 5554**

**General**

|             |  |
|-------------|--|
| Start time: | 18:32:34   |
| Start date: | 25/11/2021   |
| Path:       | /bin/sh  |
| Arguments:  | sh -c "grep -G \"^blacklist.*amdgpu[[:space:]]*\$/lib/modprobe.d/*.conf" |
| File size:  | 129816 bytes   |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c   |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: sh PID: 5566 Parent PID: 5565**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:34                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: grep PID: 5566 Parent PID: 5565**

**General**

|             |  |
|-------------|--|
| Start time: | 18:32:34   |
| Start date: | 25/11/2021   |
| Path:       | /usr/bin/grep  |
| Arguments:  | grep -G ^blacklist.*amdgpu[[:space:]]*\$/lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist_linux_5.4.0-72-generic.conf /lib/modprobe.d/blacklist_linux_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf |
| File size:  | 199136 bytes   |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5   |

**File Activities**

**File Read**

**Analysis Process: gpu-manager PID: 5568 Parent PID: 5554**

**General**

|             |                      |
|-------------|----------------------|
| Start time: | 18:32:34             |
| Start date: | 25/11/2021           |
| Path:       | /usr/bin/gpu-manager |
| Arguments:  | n/a                  |
| File size:  | 76616 bytes          |

|           |                                  |
|-----------|----------------------------------|
| MD5 hash: | 8fae9dd5dd67e1f33d873089c2fd8761 |
|-----------|----------------------------------|

**Analysis Process: sh PID: 5568 Parent PID: 5554**

**General**

|             |   |
|-------------|---|
| Start time: | 18:32:34  |
| Start date: | 25/11/2021  |
| Path:       | /bin/sh   |
| Arguments:  | sh -c "grep -G \"blacklist.*nouveau[:space:]]*\$\" /etc/modprobe.d/*conf" |
| File size:  | 129816 bytes  |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c  |

**File Activities**

**File Read**

**Directory Enumerated**

**Analysis Process: sh PID: 5569 Parent PID: 5568**

**General**

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:35                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

**Analysis Process: grep PID: 5569 Parent PID: 5568**

**General**

|             |  |
|-------------|--|
| Start time: | 18:32:35   |
| Start date: | 25/11/2021   |
| Path:       | /usr/bin/grep  |
| Arguments:  | grep -G ^blacklist.*nouveau[:space:]]*\$ /etc/modprobe.d/alsa-base.conf /etc/modprobe.d/amd64-microcode-blacklist.conf /etc/modprobe.d/blacklist-ath_pci.conf /etc/modprobe.d/blacklist-firewire.conf /etc/modprobe.d/blacklist-framebuffer.conf /etc/modprobe.d/blacklist-modem.conf /etc/modprobe.d/blacklist-oss.conf /etc/modprobe.d/blacklist-rare-network.conf /etc/modprobe.d/blacklist.conf /etc/modprobe.d/intel-microcode-blacklist.conf /etc/modprobe.d/iwlwifi.conf /etc/modprobe.d/mdadm.conf |
| File size:  | 199136 bytes   |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5   |

**File Activities**

**File Read**

**Analysis Process: gpu-manager PID: 5570 Parent PID: 5554**

**General**

|             |                      |
|-------------|----------------------|
| Start time: | 18:32:35             |
| Start date: | 25/11/2021           |
| Path:       | /usr/bin/gpu-manager |

|            |                                  |
|------------|----------------------------------|
| Arguments: | n/a                              |
| File size: | 76616 bytes                      |
| MD5 hash:  | 8fae9dd5dd67e1f33d873089c2fd8761 |

### Analysis Process: sh PID: 5570 Parent PID: 5554

#### General

|             |  |
|-------------|--|
| Start time: | 18:32:35   |
| Start date: | 25/11/2021   |
| Path:       | /bin/sh  |
| Arguments:  | sh -c "grep -G \"blacklist.*nouveau[:space:]]*\$\" /lib/modprobe.d/*.conf" |
| File size:  | 129816 bytes   |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c   |

#### File Activities

#### File Read

#### Directory Enumerated

### Analysis Process: sh PID: 5571 Parent PID: 5570

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:35                         |
| Start date: | 25/11/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: grep PID: 5571 Parent PID: 5570

#### General

|             |   |
|-------------|---|
| Start time: | 18:32:35  |
| Start date: | 25/11/2021  |
| Path:       | /usr/bin/grep   |
| Arguments:  | grep -G ^blacklist.*nouveau[:space:]]*\$ /lib/modprobe.d/aliases.conf /lib/modprobe.d/blacklist_linux_5.4.0-72-generic.conf /lib/modprobe.d/blacklist_linux_5.4.0-81-generic.conf /lib/modprobe.d/fbdev-blacklist.conf /lib/modprobe.d/systemd.conf |
| File size:  | 199136 bytes  |
| MD5 hash:   | 1e6ebb9dd094f774478f72727bdba0f5  |

#### File Activities

#### File Read

### Analysis Process: systemd PID: 5572 Parent PID: 1

#### General

|             |            |
|-------------|------------|
| Start time: | 18:32:35   |
| Start date: | 25/11/2021 |

|            |                                  |
|------------|----------------------------------|
| Path:      | /usr/lib/systemd/systemd         |
| Arguments: | n/a                              |
| File size: | 1620224 bytes                    |
| MD5 hash:  | 9b2bec7092a40488108543f9334aab75 |

### Analysis Process: generate-config PID: 5572 Parent PID: 1

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:35                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/share/gdm/generate-config   |
| Arguments:  | /usr/share/gdm/generate-config   |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

#### File Activities

#### File Read

### Analysis Process: generate-config PID: 5573 Parent PID: 5572

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:35                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/share/gdm/generate-config   |
| Arguments:  | n/a                              |
| File size:  | 129816 bytes                     |
| MD5 hash:   | 1e6b1c887c59a315edb7eb9a315fc84c |

### Analysis Process: pkill PID: 5573 Parent PID: 5572

#### General

|             |  |
|-------------|--|
| Start time: | 18:32:35                                   |
| Start date: | 25/11/2021                                 |
| Path:       | /usr/bin/pkill                             |
| Arguments:  | pkill --signal HUP --uid gdm dconf-service |
| File size:  | 30968 bytes                                |
| MD5 hash:   | fa96a75a08109d8842e4865b2907d51f           |

#### File Activities

#### File Read

#### Directory Enumerated

### Analysis Process: systemd PID: 5576 Parent PID: 1

#### General

|             |            |
|-------------|------------|
| Start time: | 18:32:37   |
| Start date: | 25/11/2021 |

|            |                                  |
|------------|----------------------------------|
| Path:      | /usr/lib/systemd/systemd         |
| Arguments: | n/a                              |
| File size: | 1620224 bytes                    |
| MD5 hash:  | 9b2bec7092a40488108543f9334aab75 |

### Analysis Process: gdm-wait-for-drm PID: 5576 Parent PID: 1

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:37                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/gdm3/gdm-wait-for-drm   |
| Arguments:  | /usr/lib/gdm3/gdm-wait-for-drm   |
| File size:  | 14640 bytes                      |
| MD5 hash:   | 82043ba752c6930b4e6aaea2f7747545 |

#### File Activities

##### File Read

##### Directory Enumerated

### Analysis Process: systemd PID: 5582 Parent PID: 1

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:47                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/lib/systemd/systemd         |
| Arguments:  | n/a                              |
| File size:  | 1620224 bytes                    |
| MD5 hash:   | 9b2bec7092a40488108543f9334aab75 |

### Analysis Process: gdm3 PID: 5582 Parent PID: 1

#### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 18:32:47                         |
| Start date: | 25/11/2021                       |
| Path:       | /usr/sbin/gdm3                   |
| Arguments:  | /usr/sbin/gdm3                   |
| File size:  | 453296 bytes                     |
| MD5 hash:   | 2492e2d8d34f9377e3e530a61a15674f |

#### File Activities

##### File Deleted

##### File Read

##### File Written

##### Directory Created

##### Owner / Group Modified

