

JOESandbox Cloud BASIC



ID: 1575253

Sample Name: mips.nn.elf

Cookbook:
defaultlinuxfilecookbook.jbs

Time: 00:46:08

Date: 15/12/2024

Version: 41.0.0 Charoite

Table of Contents

| | |
|---|----|
| Table of Contents | 2 |
| Linux Analysis Report mips.nn.elf | 4 |
| Overview | 4 |
| General Information | 4 |
| Detection | 4 |
| Signatures | 4 |
| Classification | 4 |
| General Information | 4 |
| Warnings | 4 |
| Runtime Messages | 4 |
| Process Tree | 4 |
| Malware Threat Intel | 5 |
| Yara Signatures | 5 |
| Initial Sample | 5 |
| Memory Dumps | 5 |
| Suricata Signatures | 5 |
| Joe Sandbox Signatures | 6 |
| AV Detection | 6 |
| Hooking and other Techniques for Hiding and Protection | 6 |
| Stealing of Sensitive Information | 6 |
| Remote Access Functionality | 6 |
| Mitre Att&ck Matrix | 6 |
| Malware Configuration | 6 |
| Behavior Graph | 6 |
| Antivirus, Machine Learning and Genetic Malware Detection | 7 |
| Initial Sample | 7 |
| Dropped Files | 7 |
| Domains | 7 |
| URLs | 7 |
| Domains and IPs | 7 |
| Contacted Domains | 7 |
| URLs from Memory and Binaries | 8 |
| World Map of Contacted IPs | 8 |
| Public IPs | 8 |
| Joe Sandbox View / Context | 10 |
| IPs | 10 |
| Domains | 11 |
| ASNs | 11 |
| JA3 Fingerprints | 11 |
| Dropped Files | 11 |
| Created / dropped Files | 11 |
| /etc/motd | 11 |
| /tmp/qemu-open.ziEnOZ (deleted) | 11 |
| Static File Info | 11 |
| General | 11 |
| Static ELF Info | 11 |
| ELF header | 11 |
| Sections | 12 |
| Program Segments | 12 |
| Network Behavior | 12 |
| Network Port Distribution | 12 |
| TCP Packets | 12 |
| System Behavior | 13 |
| Analysis Process: mips.nn.elf PID: 5433, Parent PID: 5357 | 13 |
| General | 13 |
| File Activities | 13 |
| File Deleted | 13 |
| File Read | 13 |
| File Written | 13 |
| Directory Enumerated | 13 |
| Symbolic Link Created | 13 |
| Analysis Process: mips.nn.elf PID: 5456, Parent PID: 5433 | 13 |
| General | 13 |
| Analysis Process: mips.nn.elf PID: 5459, Parent PID: 5456 | 13 |
| General | 13 |
| Analysis Process: mips.nn.elf PID: 5461, Parent PID: 5456 | 13 |
| General | 13 |
| File Activities | 13 |
| File Read | 13 |
| Directory Enumerated | 13 |
| Analysis Process: mips.nn.elf PID: 5470, Parent PID: 5456 | 13 |
| General | 13 |
| File Activities | 14 |
| Directory Enumerated | 14 |
| Analysis Process: udisksd PID: 5443, Parent PID: 802 | 14 |
| General | 14 |




| | |
|--|----|
| Analysis Process: dumpe2fs PID: 5443, Parent PID: 802 | 14 |
| General | 14 |
| File Activities | 14 |
| File Read | 14 |
| Analysis Process: udisksd PID: 5509, Parent PID: 802 | 14 |
| General | 14 |
| Analysis Process: dumpe2fs PID: 5509, Parent PID: 802 | 14 |
| General | 14 |
| File Activities | 14 |
| File Read | 14 |
| Analysis Process: udisksd PID: 5532, Parent PID: 802 | 14 |
| General | 14 |
| Analysis Process: dumpe2fs PID: 5532, Parent PID: 802 | 15 |
| General | 15 |
| File Activities | 15 |
| File Read | 15 |
| Analysis Process: udisksd PID: 5533, Parent PID: 802 | 15 |
| General | 15 |
| Analysis Process: dumpe2fs PID: 5533, Parent PID: 802 | 15 |
| General | 15 |
| File Activities | 15 |
| File Read | 15 |
| Analysis Process: gnome-session-binary PID: 5534, Parent PID: 1588 | 15 |
| General | 15 |
| Analysis Process: sh PID: 5534, Parent PID: 1588 | 15 |
| General | 15 |
| File Activities | 16 |
| File Read | 16 |
| Analysis Process: gsd-housekeeping PID: 5534, Parent PID: 1588 | 16 |
| General | 16 |
| File Activities | 16 |
| File Read | 16 |
| Analysis Process: udisksd PID: 5538, Parent PID: 802 | 16 |
| General | 16 |
| Analysis Process: dumpe2fs PID: 5538, Parent PID: 802 | 16 |
| General | 16 |
| File Activities | 16 |
| File Read | 16 |

Linux Analysis Report


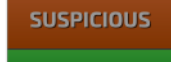
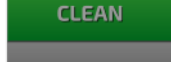

mips.nn.elf


Overview

General Information

| | |
|--------------|---|
| Sample name: | mips.nn.elf |
| Analysis ID: | 1575253 |
| MD5: | 2145cb16a925... |
| SHA1: | 821c929b723b... |
| SHA256: | beeeaa8013f74.. |
| Tags: | elf user-abuse_ch |
| Infos: |    |

Detection

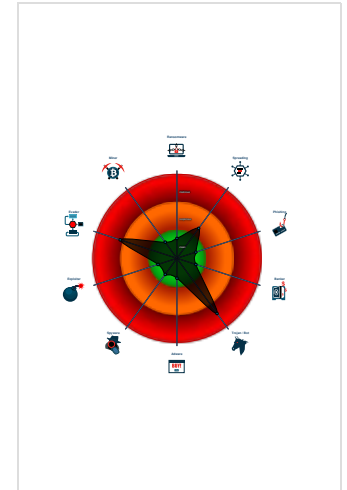


| | |
|--------------|---------|
| Score: | 76 |
| Range: | 0 - 100 |
| Whitelisted: | false |

Signatures

- Antivirus / Scanner detection for sub...
- Multi AV Scanner detection for subm...
- Yara detected Mirai
- Yara detected Okiru
- Sample deletes itself
- Detected TCP or UDP traffic on non...
- Enumerates processes within the "p...
- Found strings indicative of a multi-p...
- Sample contains strings indicative o...
- Sample has stripped symbol table
- Sample listens on a socket

Classification



General Information

| | |
|--------------------------------------|--|
| Joe Sandbox version: | 41.0.0 Charoite |
| Analysis ID: | 1575253 |
| Start date and time: | 2024-12-15 00:46:08 +01:00 |
| Joe Sandbox product: | CloudBasic |
| Overall analysis duration: | 0h 4m 46s |
| Hypervisor based Inspection enabled: | false |
| Report type: | light |
| 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 |
| Sample name: | mips.nn.elf |
| Detection: | MAL |
| Classification: | mal76.troj.evad.linELF@0/2@0/0 |

Warnings

Runtime Messages

| | |
|------------------|---|
| Command: | /tmp/mips.nn.elf |
| PID: | 5433 |
| Exit Code: | 0 |
| Exit Code Info: | |
| Killed: | False |
| Standard Output: | The Gorilla Botnet Cats Came After You! |
| Standard Error: | |

Process Tree

- system is Inxubuntu20

- o [mips.nn.elf](#) (PID: 5433, Parent: 5357, MD5: 0083f1f0e77be34ad27f849842bbb00c) Arguments: /tmp/mips.nn.elf
 - o [mips.nn.elf](#) New Fork (PID: 5456, Parent: 5433)
 - o [mips.nn.elf](#) New Fork (PID: 5459, Parent: 5456)
 - o [mips.nn.elf](#) New Fork (PID: 5461, Parent: 5456)
 - o [mips.nn.elf](#) New Fork (PID: 5470, Parent: 5456)
- o [udisksd](#) New Fork (PID: 5443, Parent: 802)
- o [dumpe2fs](#) (PID: 5443, Parent: 802, MD5: 5c66f7d8f7681a40562cf049ad4b72b4) Arguments: dumpe2fs -h /dev/dm-0
- o [udisksd](#) New Fork (PID: 5509, Parent: 802)
- o [dumpe2fs](#) (PID: 5509, Parent: 802, MD5: 5c66f7d8f7681a40562cf049ad4b72b4) Arguments: dumpe2fs -h /dev/dm-0
- o [udisksd](#) New Fork (PID: 5532, Parent: 802)
- o [dumpe2fs](#) (PID: 5532, Parent: 802, MD5: 5c66f7d8f7681a40562cf049ad4b72b4) Arguments: dumpe2fs -h /dev/dm-0
- o [udisksd](#) New Fork (PID: 5533, Parent: 802)
- o [dumpe2fs](#) (PID: 5533, Parent: 802, MD5: 5c66f7d8f7681a40562cf049ad4b72b4) Arguments: dumpe2fs -h /dev/dm-0
- o [gnome-session-binary](#) New Fork (PID: 5534, Parent: 1588)
- o [sh](#) (PID: 5534, Parent: 1588, MD5: 1e6b1c887c59a315edb7eb9a315fc84c) Arguments: /bin/sh -e -u -c "export GIO_LAUNCHED_DESKTOP_FILE_PID=\$\$; exec "\$@" sh /usr/libexec/gsd-housekeeping
- o [gsd-housekeeping](#) (PID: 5534, Parent: 1588, MD5: b55f3394a84976ddb92a2915e5d76914) Arguments: /usr/libexec/gsd-housekeeping
- o [udisksd](#) New Fork (PID: 5538, Parent: 802)
- o [dumpe2fs](#) (PID: 5538, Parent: 802, MD5: 5c66f7d8f7681a40562cf049ad4b72b4) Arguments: dumpe2fs -h /dev/dm-0
- o **cleanup**

Malware Threat Intel

Provided by **malpedia**

| Name | Description | Attribution | Blogpost URLs | Link |
|--------------|--|----------------|--|---|
| Mirai | Mirai is one of the first significant botnets targeting exposed networking devices running Linux. Found in August 2016 by MalwareMustDie, its name means "future" in Japanese. Nowadays it targets a wide range of networked embedded devices such as IP cameras, home routers (many vendors involved), and other IoT devices. Since the source code was published on "Hack Forums" many variants of the Mirai family appeared, infecting mostly home networks all around the world. | No Attribution | http://osint.bambenekconsulting.com/feeds/http://www.simonrozes.com/2016/10/mirai-ddos-botnet-source-code-binary-analysis/ https://blog.malwaremustdie.org/2020/02/mmd-0065-2021-linuxmirai-fbotre.html https://blog.netlab.360.com/another-lilin-dvr-0-day-being-used-to-spread-mirai-en/ https://blog.netlab.360.com/mirai_ptea-botnet-is-exploiting-undisclosed-kguard-dvr-vulnerability-en/ | http://aunhofer.de/details/elf.mirai |

Yara Signatures

Initial Sample

| Source | Rule | Description | Author | Strings |
|-------------|---------------------|---------------------|--------------|---------|
| mips.nn.elf | JoeSecurity_Okiru | Yara detected Okiru | Joe Security | |
| mips.nn.elf | JoeSecurity_Mirai_8 | Yara detected Mirai | Joe Security | |

Memory Dumps

| Source | Rule | Description | Author | Strings |
|---|---------------------|---------------------|--------------|---------|
| 5433.1.00007fa4d0400000.00007fa4d0420000.r-x.sdmp | JoeSecurity_Okiru | Yara detected Okiru | Joe Security | |
| 5433.1.00007fa4d0400000.00007fa4d0420000.r-x.sdmp | JoeSecurity_Mirai_8 | Yara detected Mirai | Joe Security | |
| Process Memory Space: mips.nn.elf PID: 5433 | JoeSecurity_Okiru | Yara detected Okiru | Joe Security | |

Suricata Signatures

 No Suricata rule has matched

Joe Sandbox Signatures

AV Detection



Antivirus / Scanner detection for submitted sample

Multi AV Scanner detection for submitted file

Hooking and other Techniques for Hiding and Protection



Sample deletes itself

Stealing of Sensitive Information



Yara detected Mirai

Yara detected Okiru

Remote Access Functionality



Yara detected Mirai

Yara detected Okiru

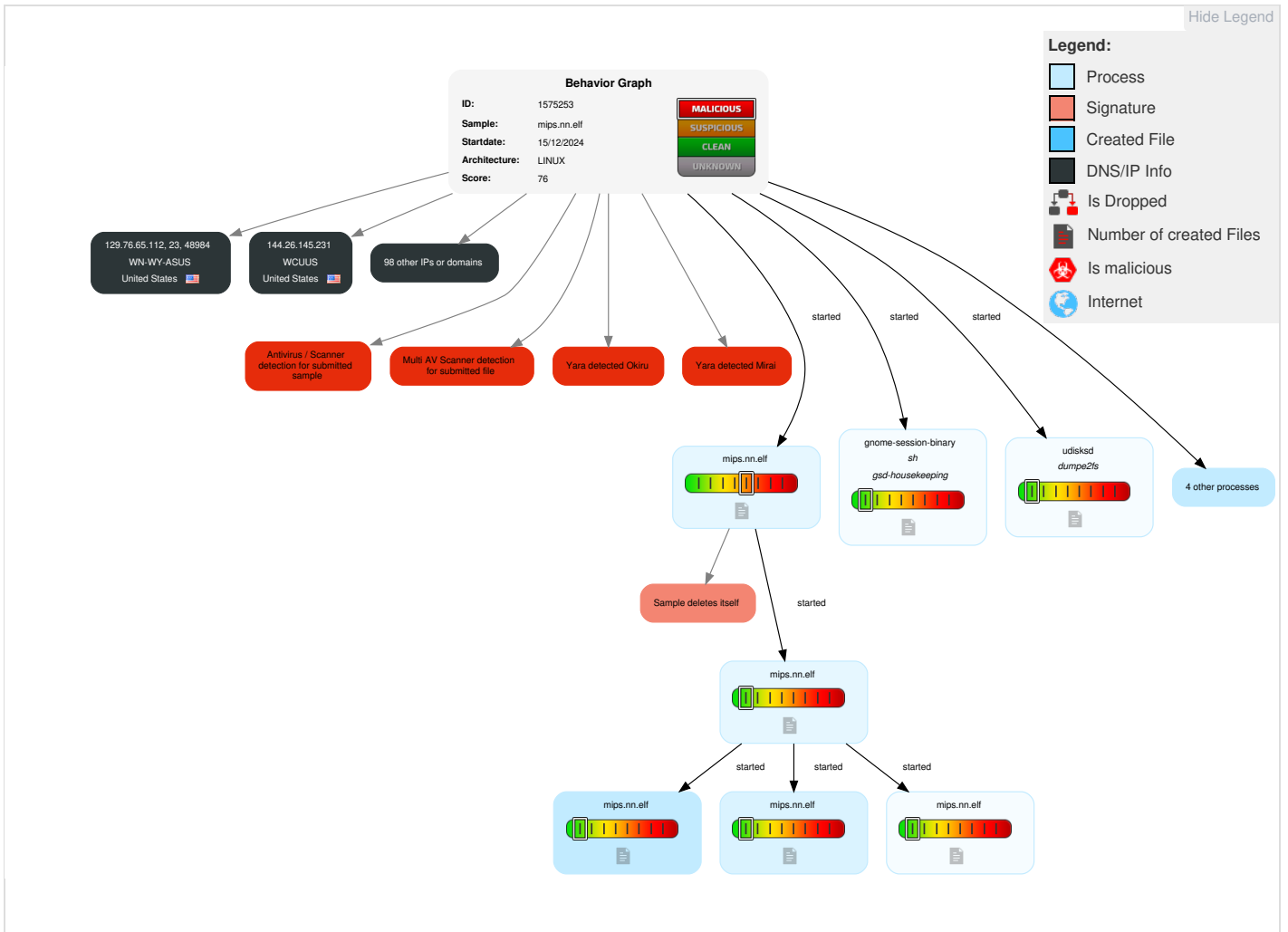
Mitre Att&ck Matrix

| Reconnai... | Resource Developm... | Initial Access | Execution | Persisten... | Privilege Escalation | Defense Evasion | Credential Access | Discovery | Lateral Movement | Collection | Command and Control | Exfiltration | Impact |
|------------------------------------|----------------------|----------------|------------------------------------|----------------|----------------------|--------------------|----------------------------|------------------------------------|------------------|------------------------|------------------------|--|------------------------------|
| Gather Victim Identity Information | 1 Scripting | Valid Accounts | Windows Management Instrumentation | 1 Scripting | Path Interception | 1 File Deletion | 1 OS Credential Dumping | 1 1 Security Software Discovery | Remote Services | Data from Local System | 1 Non-Standard Port | Exfiltration Over Other Network Medium | Abuse Accessibility Features |

Malware Configuration

⊘ No configs have been found

Behavior Graph



Antivirus, Machine Learning and Genetic Malware Detection -

Initial Sample -

| Source | Detection | Scanner | Label | Link |
|-------------|-----------|---------------|----------------------|------|
| mips.nn.elf | 42% | ReversingLabs | Linux.Backdoor.Mirai | |
| mips.nn.elf | 100% | Avira | EXP/ELF.Mirai.W | |

Dropped Files -

⊘ No Antivirus matches

Domains -

⊘ No Antivirus matches

URLs -

⊘ No Antivirus matches

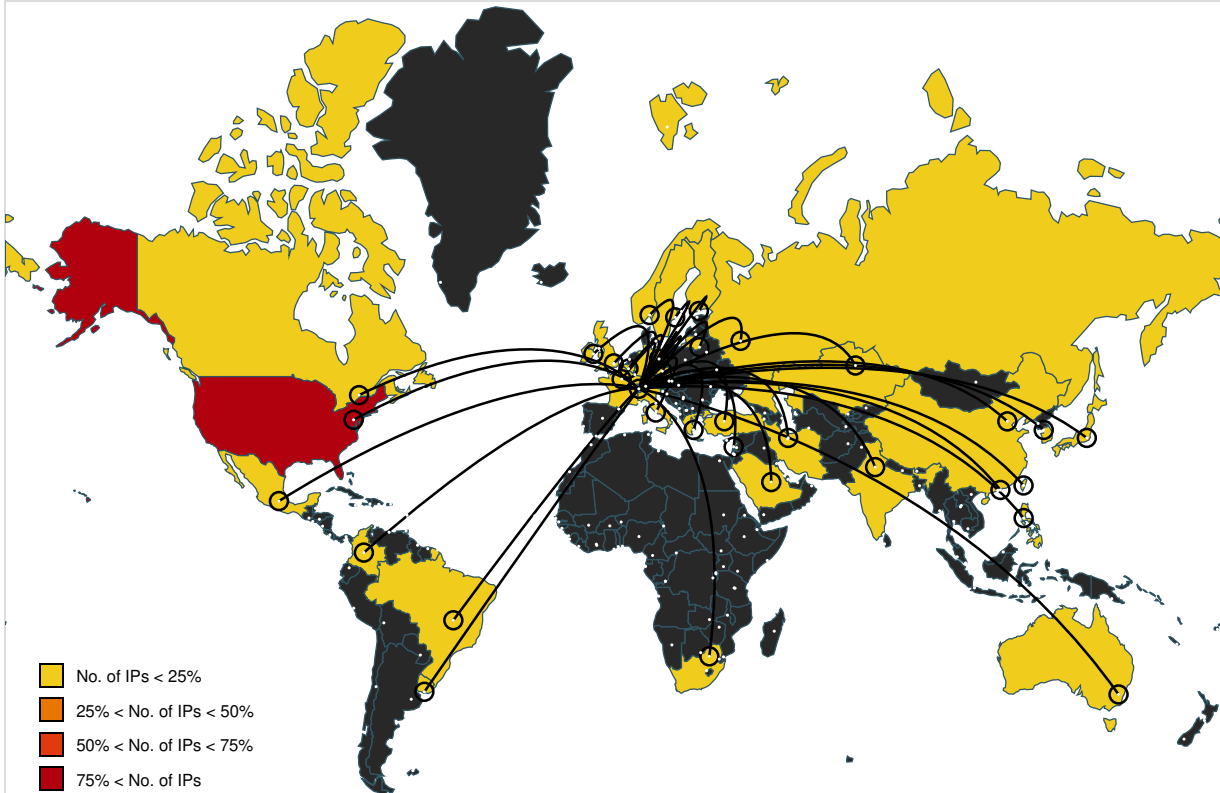
Domains and IPs -

Contacted Domains -

⊘ No contacted domains info











































URLs from Memory and Binaries


































World Map of Contacted IPs



Public IPs


| IP | Domain | Country | Flag | ASN | ASN Name | Malicious |
|-----------------|---------|--------------------|------|---------|---|-----------|
| 114.171.214.248 | unknown | Japan | | 4713 | OCNNTTCommunicationsC orporationJP | false |
| 123.238.41.160 | unknown | India | | 18101 | RELIANCE- COMMUNICATIONS- INRelianceCommunications LtdDAKC | false |
| 46.235.136.66 | unknown | Italy | | 197589 | ALFANEWSIT | false |
| 162.16.207.15 | unknown | United States | | 35893 | ACPCA | false |
| 25.95.13.157 | unknown | United Kingdom | | 7922 | COMCAST-7922US | false |
| 79.230.205.174 | unknown | Germany | | 3320 | DTAGInternetserviceprovid eroperationsDE | false |
| 106.171.143.33 | unknown | Japan | | 2516 | KDDIKDDICORPORATION JP | false |
| 92.103.218.129 | unknown | France | | 12670 | AS-COMPLETELFR | false |
| 131.47.77.23 | unknown | United States | | 409 | AFCONC-BLOCK1-ASUS | false |
| 176.158.31.11 | unknown | France | | 5410 | BOUYGTEL-ISPPFR | false |
| 16.92.248.169 | unknown | United States | | unknown | unknown | false |
| 187.205.15.107 | unknown | Mexico | | 8151 | UninetSAdeCVMX | false |
| 73.158.5.250 | unknown | United States | | 7922 | COMCAST-7922US | false |
| 124.46.93.136 | unknown | Korea Republic of | | 4668 | LGNET-AS-KRLGCNSKR | false |
| 207.73.92.61 | unknown | United States | | 237 | MERIT-AS-14US | false |
| 193.0.152.73 | unknown | Russian Federation | | 198758 | ASTELEKRU | false |
| 158.22.228.197 | unknown | United States | | 1504 | DNIC-AS-01504US | false |
| 185.204.137.224 | unknown | Ireland | | 199256 | LTH-ASIE | false |
| 212.138.90.110 | unknown | Saudi Arabia | | 8895 | ISUInternetServicesUnitISU SA | false |
| 38.116.126.9 | unknown | United States | | 174 | COGENT-174US | false |
| 89.234.28.7 | unknown | United Kingdom | | 15395 | RACKSPACE-LONGB | false |
| 175.235.81.175 | unknown | Korea Republic of | | 4766 | KIXS-AS- KRKoreaTelecomKR | false |
| 198.185.241.102 | unknown | United States | | 394612 | UPMC-PHSUS | false |
| 40.4.203.143 | unknown | United States | | 4249 | LILLY-ASUS | false |

| IP | Domain | Country | Flag | ASN | ASN Name | Malicious |
|-----------------|---------|----------------------------|---|--------|--|-----------|
| 173.255.36.239 | unknown | United States |  | 1970 | TAMUS-NETUS | false |
| 85.71.211.239 | unknown | Czech Republic |  | 5610 | O2-CZECH-REPUBLICCZ | false |
| 179.225.107.21 | unknown | Brazil |  | 26599 | TELEFONICABRASILSABR | false |
| 21.127.118.106 | unknown | United States |  | 8075 | MICROSOFT-CORP-MSN-AS-BLOCKUS | false |
| 134.49.149.213 | unknown | United States |  | 23138 | FIRST-STEPUS | false |
| 194.89.26.187 | unknown | Finland |  | 1759 | TSF-IP-CORETeliaFinlandOyjEU | false |
| 37.0.114.158 | unknown | Germany |  | 10780 | PURE-STORAGEUS | false |
| 148.221.95.25 | unknown | Mexico |  | 8151 | UninetSAdeCVMX | false |
| 100.61.74.33 | unknown | United States |  | 701 | UUNETUS | false |
| 142.188.170.28 | unknown | Canada |  | 577 | BACOMCA | false |
| 207.194.51.58 | unknown | Canada |  | 852 | ASN852CA | false |
| 38.177.215.166 | unknown | United States |  | 174 | COGENT-174US | false |
| 57.41.27.141 | unknown | Belgium |  | 2686 | ATGS-MMD-ASUS | false |
| 197.89.53.21 | unknown | South Africa |  | 10474 | OPTINETZA | false |
| 158.20.103.146 | unknown | United States |  | 1482 | DNIC-AS-01482US | false |
| 60.239.176.88 | unknown | Japan |  | 2518 | BIGLOBEBIGLOBEIncJP | false |
| 88.119.98.42 | unknown | Lithuania |  | 8764 | TELIA-LIETUVALT | false |
| 79.133.33.157 | unknown | Germany |  | 203833 | AT-FIRSTCOLOAustriaAT | false |
| 81.186.24.135 | unknown | Greece |  | 8248 | GR-EDUNETGR | false |
| 215.177.131.37 | unknown | United States |  | 721 | DNIC-ASBLK-00721-00726US | false |
| 144.90.147.91 | unknown | United States |  | 6652 | PIMA-COLLEGEUS | false |
| 92.221.125.208 | unknown | Norway |  | 29695 | ALTIBOX_ASNorwayNO | false |
| 122.3.67.242 | unknown | Philippines |  | 9299 | IPG-AS-APPPhilippineLongDistanceTelephoneCompanyPH | false |
| 82.190.169.163 | unknown | Italy |  | 3269 | ASN-IBSNAZIT | false |
| 36.220.67.2 | unknown | China |  | 9394 | CTTNETChinaTieTongTelecommunicationsCorporationCN | false |
| 180.219.174.220 | unknown | Hong Kong |  | 17924 | SMARTONE-MB-AS-APSmartoneMobileCommunicationsLtdHK | false |
| 129.76.65.112 | unknown | United States |  | 2902 | WN-WY-ASUS | false |
| 173.104.161.185 | unknown | United States |  | 1239 | SPRINTLINKUS | false |
| 12.244.58.105 | unknown | United States |  | 7018 | ATT-INTERNET4US | false |
| 178.135.97.139 | unknown | Lebanon |  | 42003 | OGERONETOGEROTelecomLB | false |
| 215.3.75.75 | unknown | United States |  | 721 | DNIC-ASBLK-00721-00726US | false |
| 65.185.252.214 | unknown | United States |  | 16787 | CHARTER-16787-DCUS | false |
| 46.62.214.21 | unknown | Iran (ISLAMIC Republic Of) |  | 16322 | PARSONLINEtEhRan-IRANIR | false |
| 22.240.106.198 | unknown | United States |  | 8075 | MICROSOFT-CORP-MSN-AS-BLOCKUS | false |
| 12.12.27.70 | unknown | United States |  | 32328 | ALASCOM-IP-MANAGED-NETWORKUS | false |
| 186.116.34.231 | unknown | Colombia |  | 3816 | COLOMBIA TELECOMUNICACIONESSAESPCO | false |
| 158.211.143.99 | unknown | Japan |  | 2907 | SINET-ASResearchOrganizationofInformationandSystemsN | false |
| 12.138.17.22 | unknown | United States |  | 7018 | ATT-INTERNET4US | false |
| 89.110.32.213 | unknown | Russian Federation |  | 12389 | ROSTELECOM-ASRU | false |
| 119.250.63.90 | unknown | China |  | 4837 | CHINA169-BACKBONECHINAUNICOMChina169BackboneCN | false |
| 186.52.142.205 | unknown | Uruguay |  | 6057 | AdministracionNacionaldeTelecomunicacionesUY | false |
| 222.90.52.105 | unknown | China |  | 4134 | CHINANET-BACKBONENo31JinrongStreetCN | false |
| 221.141.199.204 | unknown | Korea Republic of |  | 9318 | SKB-ASSKBroadbandCoLtdKR | false |


| IP | Domain | Country | Flag | ASN | ASN Name | Malicious |
|-----------------|---------|---------------------------------|---|--------|--|-----------|
| 192.47.235.205 | unknown | Japan |  | 5501 | FRAUNHOFER-CLUSTER-BWResearchInstitutesprea dalloverGe | false |
| 193.42.34.225 | unknown | Germany |  | 3221 | EENET-ASEE | false |
| 46.196.44.254 | unknown | Turkey |  | 47524 | TURKSAT-ASTR | false |
| 37.151.174.83 | unknown | Kazakhstan |  | 9198 | KAZTELECOM-ASKZ | false |
| 155.145.125.114 | unknown | United Kingdom |  | 1221 | ASN-TELSTRATelstraCorporationLtdAU | false |
| 49.252.15.30 | unknown | Japan |  | 37903 | EMOBILEmobileCorporationJP | false |
| 99.29.22.148 | unknown | United States |  | 7018 | ATT-INTERNET4US | false |
| 141.132.77.8 | unknown | Australia |  | 7575 | AARNET-AS-APAustralianAcademicandResearchNetworkAARNe | false |
| 186.216.174.221 | unknown | Brazil |  | 262753 | VOCETELECOMUNICACOESLTDABR | false |
| 153.242.20.149 | unknown | Japan |  | 4713 | OCNNTTCommunicationsCorporationJP | false |
| 182.96.202.150 | unknown | China |  | 4134 | CHINANET-BACKBONENo31JinrongStreetCN | false |
| 209.50.30.196 | unknown | United States |  | 15108 | ALLO-COMMUS | false |
| 93.37.49.195 | unknown | Italy |  | 12874 | FASTWEBIT | false |
| 215.235.57.72 | unknown | United States |  | 721 | DNIC-ASBLK-00721-00726US | false |
| 132.15.117.214 | unknown | United States |  | 409 | AFCONC-BLOCK1-ASUS | false |
| 165.95.81.150 | unknown | United States |  | 1970 | TAMUS-NETUS | false |
| 202.145.152.143 | unknown | Taiwan; Republic of China (ROC) |  | 9924 | TFN-TWTaiwanFixedNetworkTelcoandNetworkServiceProvi | false |
| 44.194.239.200 | unknown | United States |  | 14618 | AMAZON-AESUS | false |
| 203.42.234.208 | unknown | Australia |  | 1221 | ASN-TELSTRATelstraCorporationLtdAU | false |
| 202.212.151.129 | unknown | Japan |  | 2514 | INFOSPHERENTTPCCommunicationsIncJP | false |
| 52.151.73.99 | unknown | United States |  | 8075 | MICROSOFT-CORP-MSN-AS-BLOCKUS | false |
| 144.26.145.231 | unknown | United States |  | 29848 | WCUUS | false |
| 1.235.239.80 | unknown | Korea Republic of |  | 9318 | SKB-ASSKBroadbandCoLtdKR | false |
| 81.235.23.99 | unknown | Sweden |  | 3301 | TELIANET-SWEDENTeliaCompanySE | false |
| 198.109.38.100 | unknown | United States |  | 237 | MERIT-AS-14US | false |
| 125.148.154.29 | unknown | Korea Republic of |  | 4766 | KIXS-AS-KRKoreaTelecomKR | false |
| 215.179.148.91 | unknown | United States |  | 721 | DNIC-ASBLK-00721-00726US | false |
| 8.45.209.183 | unknown | United States |  | 30453 | PATRICK-SOLUTIONS-INCUS | false |
| 38.98.109.142 | unknown | United States |  | 18698 | IAC-NYC-AS01US | false |
| 20.181.7.34 | unknown | United States |  | 8075 | MICROSOFT-CORP-MSN-AS-BLOCKUS | false |
| 171.93.229.84 | unknown | China |  | 4134 | CHINANET-BACKBONENo31JinrongStreetCN | false |
| 204.208.92.154 | unknown | United States |  | 5972 | DNIC-ASBLK-05800-06055US | false |
| 11.120.224.250 | unknown | United States |  | 27651 | ENTELCHILESACL | false |

Joe Sandbox View / Context


IPs

 No context


Domains -

 No context


ASNs -

 No context

JA3 Fingerprints -

 No context

Dropped Files -

 No context

Created / dropped Files -

/etc/motd ▼

/tmp/qemu-open.zlEnOZ (deleted) ▼

Static File Info -

General -

| | |
|-----------------------|--|
| File type: | ELF 32-bit MSB executable, MIPS, MIPS-I version 1 (SYSV), statically linked, stripped |
| Entropy (8bit): | 5.712211284941116 |
| TrID: | <ul style="list-style-type: none"> ELF Executable and Linkable format (generic) (4004/1) 100.00% |
| File name: | mips.nn.elf |
| File size: | 135'112 bytes |
| MD5: | 2145cb16a925a273d569c25257eb701a |
| SHA1: | 821c929b723b9c69683f96b921132e0ff98ac9a1 |
| SHA256: | beeaa8013f74e611c30f4a99aeb4f5e38f3403a3d8314379428ab0a1ddd244 |
| SHA512: | b40814b92ba58edd3cf9814877ba6a9a3538fb2e748b18d49e731b9f7459ff1f3ed47b25781b82df8f61e51288cfd956a0138e71f8aa75f3c9893a8676fd596c |
| SSDEEP: | 3072:M1syNDJJX/gcGzGZsJs/3e+CjxshzgnnuKCXO:osyNDJJX/gclK2mxRC+ |
| TLSH: | A2D3D71E6E318F6DF769C33947B78A20979837C627D0C685D27CE9211E6034E641FBA8 |
| File Content Preview: | .ELF.....@`...4.....4. ...(!.....@...@.....E...E.....1(.....dt.Q.....<...!L...!.....<...!(...!...9... |

Static ELF Info -

ELF header

| | |
|----------------------------|----------------------------|
| Class: | ELF32 |
| Data: | 2's complement, big endian |
| Version: | 1 (current) |
| Machine: | MIPS R3000 |
| Version Number: | 0x1 |
| Type: | EXEC (Executable file) |
| OS/ABI: | UNIX - System V |
| ABI Version: | 0 |
| Entry Point Address: | 0x400260 |
| Flags: | 0x1007 |
| ELF Header Size: | 52 |
| Program Header Offset: | 52 |
| Program Header Size: | 32 |
| Number of Program Headers: | 3 |

ELF header

| | |
|----------------------------|--------|
| Section Header Offset: | 134552 |
| Section Header Size: | 40 |
| Number of Section Headers: | 14 |
| Header String Table Index: | 13 |

Sections

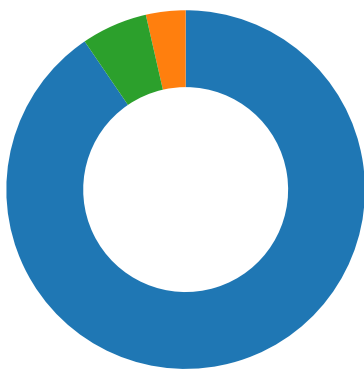
| Name | Type | Address | Offset | Size | EntSize | Flags | Flags Description | Link | Info | Align |
|---------------|----------|----------|---------|---------|---------|------------|-------------------|------|------|-------|
| | NULL | 0x0 | 0x0 | 0x0 | 0x0 | 0x0 | | 0 | 0 | 0 |
| .init | PROGBITS | 0x400094 | 0x94 | 0x8c | 0x0 | 0x6 | AX | 0 | 0 | 4 |
| .text | PROGBITS | 0x400120 | 0x120 | 0x1cd00 | 0x0 | 0x6 | AX | 0 | 0 | 16 |
| .fini | PROGBITS | 0x41ce20 | 0x1ce20 | 0x5c | 0x0 | 0x6 | AX | 0 | 0 | 4 |
| .rodata | PROGBITS | 0x41ce80 | 0x1ce80 | 0x3010 | 0x0 | 0x2 | A | 0 | 0 | 16 |
| .ctors | PROGBITS | 0x45fe94 | 0x1fe94 | 0x8 | 0x0 | 0x3 | WA | 0 | 0 | 4 |
| .dtors | PROGBITS | 0x45fe9c | 0x1fe9c | 0x8 | 0x0 | 0x3 | WA | 0 | 0 | 4 |
| .data.rel.ro | PROGBITS | 0x45fea8 | 0x1fea8 | 0x138 | 0x0 | 0x3 | WA | 0 | 0 | 4 |
| .data | PROGBITS | 0x45ffe0 | 0x1ffe0 | 0x610 | 0x0 | 0x3 | WA | 0 | 0 | 16 |
| .got | PROGBITS | 0x4605f0 | 0x205f0 | 0x744 | 0x4 | 0x10000003 | WAp | 0 | 0 | 16 |
| .sbss | NOBITS | 0x460d34 | 0x20d34 | 0x20 | 0x0 | 0x10000003 | WAp | 0 | 0 | 4 |
| .bss | NOBITS | 0x460d60 | 0x20d34 | 0x225c | 0x0 | 0x3 | WA | 0 | 0 | 16 |
| .mdebug.abi32 | PROGBITS | 0xdec | 0x20d34 | 0x0 | 0x0 | 0x0 | | 0 | 0 | 1 |
| .shstrtab | STRTAB | 0x0 | 0x20d34 | 0x64 | 0x0 | 0x0 | | 0 | 0 | 1 |

Program Segments

| Type | Offset | Virtual Address | Physical Address | File Size | Memory Size | Entropy | Flags | Flags Description | Align | Prog Interpreter | Section Mappings |
|-----------|---------|-----------------|------------------|-----------|-------------|---------|-------|-------------------|---------|------------------|--|
| LOAD | 0x0 | 0x400000 | 0x400000 | 0x1fe90 | 0x1fe90 | 5.7248 | 0x5 | R E | 0x10000 | | .init .text .fini .rodata |
| LOAD | 0x1fe94 | 0x45fe94 | 0x45fe94 | 0xea0 | 0x3128 | 4.4252 | 0x6 | RW | 0x10000 | | .ctors .dtors .data.rel.ro .data .got .sbss .bss |
| GNU_STACK | 0x0 | 0x0 | 0x0 | 0x0 | 0x0 | 0.0000 | 0x7 | RWE | 0x4 | | |

Network Behavior

Network Port Distribution



Total Packets: 84

- 199 undefined
- 38242 undefined
- 23 (Telnet)

TCP Packets

System Behavior

Analysis Process: mips.nn.elf PID: 5433, Parent PID: 5357

General

| | |
|-------------------|----------------------------------|
| Start time (UTC): | 23:46:55 |
| Start date (UTC): | 14/12/2024 |
| Path: | /tmp/mips.nn.elf |
| Arguments: | /tmp/mips.nn.elf |
| File size: | 5777432 bytes |
| MD5 hash: | 0083f1f0e77be34ad27f849842bbb00c |

File Activities

File Deleted

File Read

File Written

Directory Enumerated

Symbolic Link Created

Analysis Process: mips.nn.elf PID: 5456, Parent PID: 5433

General

| | |
|-------------------|----------------------------------|
| Start time (UTC): | 23:46:55 |
| Start date (UTC): | 14/12/2024 |
| Path: | /tmp/mips.nn.elf |
| Arguments: | - |
| File size: | 5777432 bytes |
| MD5 hash: | 0083f1f0e77be34ad27f849842bbb00c |

Analysis Process: mips.nn.elf PID: 5459, Parent PID: 5456

General

| | |
|-------------------|----------------------------------|
| Start time (UTC): | 23:46:55 |
| Start date (UTC): | 14/12/2024 |
| Path: | /tmp/mips.nn.elf |
| Arguments: | - |
| File size: | 5777432 bytes |
| MD5 hash: | 0083f1f0e77be34ad27f849842bbb00c |

Analysis Process: mips.nn.elf PID: 5461, Parent PID: 5456

General

| | |
|-------------------|----------------------------------|
| Start time (UTC): | 23:46:55 |
| Start date (UTC): | 14/12/2024 |
| Path: | /tmp/mips.nn.elf |
| Arguments: | - |
| File size: | 5777432 bytes |
| MD5 hash: | 0083f1f0e77be34ad27f849842bbb00c |

File Activities

File Read

Directory Enumerated

Analysis Process: mips.nn.elf PID: 5470, Parent PID: 5456

General

| | |
|-------------------|------------------|
| Start time (UTC): | 23:46:55 |
| Start date (UTC): | 14/12/2024 |
| Path: | /tmp/mips.nn.elf |

| | |
|------------|----------------------------------|
| Arguments: | - |
| File size: | 5777432 bytes |
| MD5 hash: | 0083f1f0e77be34ad27f849842bbb00c |

File Activities -

Directory Enumerated ▼

Analysis Process: udisksd PID: 5443, Parent PID: 802 -

| | |
|---|----------------------------------|
| General - | |
| Start time (UTC): | 23:46:55 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/lib/udisks2/udisksd |
| Arguments: | - |
| File size: | 483056 bytes |
| MD5 hash: | 1d7ae439cc3d82fa6b127671ce037a24 |

Analysis Process: dumpe2fs PID: 5443, Parent PID: 802 -

| | |
|---|----------------------------------|
| General - | |
| Start time (UTC): | 23:46:55 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/sbin/dumpe2fs |
| Arguments: | dumpe2fs -h /dev/dm-0 |
| File size: | 31112 bytes |
| MD5 hash: | 5c66f7d8f7681a40562cf049ad4b72b4 |

File Activities -

File Read ▼

Analysis Process: udisksd PID: 5509, Parent PID: 802 -

| | |
|---|----------------------------------|
| General - | |
| Start time (UTC): | 23:46:55 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/lib/udisks2/udisksd |
| Arguments: | - |
| File size: | 483056 bytes |
| MD5 hash: | 1d7ae439cc3d82fa6b127671ce037a24 |

Analysis Process: dumpe2fs PID: 5509, Parent PID: 802 -

| | |
|---|----------------------------------|
| General - | |
| Start time (UTC): | 23:46:56 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/sbin/dumpe2fs |
| Arguments: | dumpe2fs -h /dev/dm-0 |
| File size: | 31112 bytes |
| MD5 hash: | 5c66f7d8f7681a40562cf049ad4b72b4 |

File Activities -

File Read ▼

Analysis Process: udisksd PID: 5532, Parent PID: 802 -

| | |
|---|--------------------------|
| General - | |
| Start time (UTC): | 23:46:56 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/lib/udisks2/udisksd |
| Arguments: | - |

| | |
|------------|----------------------------------|
| File size: | 483056 bytes |
| MD5 hash: | 1d7ae439cc3d82fa6b127671ce037a24 |

Analysis Process: dumpe2fs PID: 5532, Parent PID: 802

| | |
|-------------------|----------------------------------|
| General | |
| Start time (UTC): | 23:46:56 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/sbin/dumpe2fs |
| Arguments: | dumpe2fs -h /dev/dm-0 |
| File size: | 31112 bytes |
| MD5 hash: | 5c66f7d8f7681a40562cf049ad4b72b4 |

File Activities

File Read

Analysis Process: udisksd PID: 5533, Parent PID: 802

| | |
|-------------------|----------------------------------|
| General | |
| Start time (UTC): | 23:46:56 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/lib/udisks2/udisksd |
| Arguments: | - |
| File size: | 483056 bytes |
| MD5 hash: | 1d7ae439cc3d82fa6b127671ce037a24 |

Analysis Process: dumpe2fs PID: 5533, Parent PID: 802

| | |
|-------------------|----------------------------------|
| General | |
| Start time (UTC): | 23:46:56 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/sbin/dumpe2fs |
| Arguments: | dumpe2fs -h /dev/dm-0 |
| File size: | 31112 bytes |
| MD5 hash: | 5c66f7d8f7681a40562cf049ad4b72b4 |

File Activities

File Read

Analysis Process: gnome-session-binary PID: 5534, Parent PID: 1588

| | |
|-------------------|-----------------------------------|
| General | |
| Start time (UTC): | 23:46:56 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/libexec/gnome-session-binary |
| Arguments: | - |
| File size: | 334664 bytes |
| MD5 hash: | d9b90be4f7db60cb3c2d3da6a1d31bfb |

Analysis Process: sh PID: 5534, Parent PID: 1588

| | |
|-------------------|--|
| General | |
| Start time (UTC): | 23:46:56 |
| Start date (UTC): | 14/12/2024 |
| Path: | /bin/sh |
| Arguments: | /bin/sh -e -u -c "export GIO_LAUNCHED_DESKTOP_FILE_PID=\$\$; exec \"\$@\" sh /usr/libexec/gsd-housekeeping |
| File size: | 129816 bytes |
| MD5 hash: | 1e6b1c887c59a315edb7eb9a315fc84c |

File Activities**File Read****Analysis Process: gsd-housekeeping** PID: 5534, Parent PID: 1588**General**

| | |
|-------------------|----------------------------------|
| Start time (UTC): | 23:46:56 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/libexec/gsd-housekeeping |
| Arguments: | /usr/libexec/gsd-housekeeping |
| File size: | 51840 bytes |
| MD5 hash: | b55f3394a84976ddb92a2915e5d76914 |

File Activities**File Read****Analysis Process: udisksd** PID: 5538, Parent PID: 802**General**

| | |
|-------------------|----------------------------------|
| Start time (UTC): | 23:46:56 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/lib/udisks2/udisksd |
| Arguments: | - |
| File size: | 483056 bytes |
| MD5 hash: | 1d7ae439cc3d82fa6b127671ce037a24 |

Analysis Process: dumpe2fs PID: 5538, Parent PID: 802**General**

| | |
|-------------------|----------------------------------|
| Start time (UTC): | 23:46:56 |
| Start date (UTC): | 14/12/2024 |
| Path: | /usr/sbin/dumpe2fs |
| Arguments: | dumpe2fs -h /dev/dm-0 |
| File size: | 31112 bytes |
| MD5 hash: | 5c66f7d8f7681a40562cf049ad4b72b4 |

File Activities**File Read**