

JOeSandbox Cloud BASIC



**ID:** 450743

**Sample Name:** Mozi.m

**Cookbook:**

defaultlinuxfilecookbook.jbs

**Time:** 17:05:52

**Date:** 19/07/2021

**Version:** 33.0.0 White Diamond

# Table of Contents

|                                                                  |    |
|------------------------------------------------------------------|----|
| Table of Contents                                                | 2  |
| Linux Analysis Report Mozi.m                                     | 4  |
| Overview                                                         | 4  |
| General Information                                              | 4  |
| Detection                                                        | 4  |
| Signatures                                                       | 4  |
| Classification                                                   | 4  |
| Analysis Advice                                                  | 4  |
| General Information                                              | 4  |
| Process Tree                                                     | 4  |
| Yara Overview                                                    | 5  |
| Initial Sample                                                   | 5  |
| Jbx Signature Overview                                           | 5  |
| AV Detection:                                                    | 5  |
| Spreading:                                                       | 6  |
| Data Obfuscation:                                                | 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                                                  | 8  |
| Contacted Domains                                                | 8  |
| URLs from Memory and Binaries                                    | 8  |
| Contacted IPs                                                    | 8  |
| Runtime Messages                                                 | 8  |
| Joe Sandbox View / Context                                       | 8  |
| IPs                                                              | 8  |
| Domains                                                          | 8  |
| ASN                                                              | 8  |
| JA3 Fingerprints                                                 | 8  |
| Dropped Files                                                    | 8  |
| Created / dropped Files                                          | 8  |
| Static File Info                                                 | 9  |
| General                                                          | 9  |
| Static ELF Info                                                  | 10 |
| ELF header                                                       | 10 |
| Program Segments                                                 | 10 |
| Network Behavior                                                 | 10 |
| System Behavior                                                  | 10 |
| Analysis Process: Mozi.m PID: 4568 Parent PID: 4498              | 10 |
| General                                                          | 10 |
| File Activities                                                  | 10 |
| File Read                                                        | 10 |
| Analysis Process: upstart PID: 4587 Parent PID: 3310             | 10 |
| General                                                          | 10 |
| Analysis Process: sh PID: 4587 Parent PID: 3310                  | 11 |
| General                                                          | 11 |
| File Activities                                                  | 11 |
| File Read                                                        | 11 |
| Analysis Process: sh PID: 4588 Parent PID: 4587                  | 11 |
| General                                                          | 11 |
| Analysis Process: date PID: 4588 Parent PID: 4587                | 11 |
| General                                                          | 11 |
| File Activities                                                  | 11 |
| File Read                                                        | 11 |
| Analysis Process: sh PID: 4589 Parent PID: 4587                  | 11 |
| General                                                          | 11 |
| Analysis Process: apport-checkreports PID: 4589 Parent PID: 4587 | 12 |
| General                                                          | 12 |
| File Activities                                                  | 12 |
| File Read                                                        | 12 |
| File Written                                                     | 12 |
| Directory Enumerated                                             | 12 |
| Analysis Process: upstart PID: 4614 Parent PID: 3310             | 12 |
| General                                                          | 12 |
| Analysis Process: sh PID: 4614 Parent PID: 3310                  | 12 |
| General                                                          | 12 |
| File Activities                                                  | 12 |
| File Read                                                        | 12 |
| Analysis Process: sh PID: 4615 Parent PID: 4614                  | 12 |
| General                                                          | 12 |
| Analysis Process: date PID: 4615 Parent PID: 4614                | 13 |
| General                                                          | 13 |
| File Activities                                                  | 13 |
| File Read                                                        | 13 |

|                                                         |    |
|---------------------------------------------------------|----|
| Analysis Process: sh PID: 4632 Parent PID: 4614         | 13 |
| General                                                 | 13 |
| Analysis Process: apport-gtk PID: 4632 Parent PID: 4614 | 13 |
| General                                                 | 13 |
| File Activities                                         | 13 |
| File Read                                               | 13 |
| File Written                                            | 13 |
| Directory Enumerated                                    | 13 |
| Analysis Process: upstart PID: 4641 Parent PID: 3310    | 13 |
| General                                                 | 13 |
| Analysis Process: sh PID: 4641 Parent PID: 3310         | 14 |
| General                                                 | 14 |
| File Activities                                         | 14 |
| File Read                                               | 14 |
| Analysis Process: sh PID: 4643 Parent PID: 4641         | 14 |
| General                                                 | 14 |
| Analysis Process: date PID: 4643 Parent PID: 4641       | 14 |
| General                                                 | 14 |
| File Activities                                         | 14 |
| File Read                                               | 14 |
| Analysis Process: sh PID: 4659 Parent PID: 4641         | 14 |
| General                                                 | 14 |
| Analysis Process: apport-gtk PID: 4659 Parent PID: 4641 | 15 |
| General                                                 | 15 |
| File Activities                                         | 15 |
| File Read                                               | 15 |
| Directory Enumerated                                    | 15 |

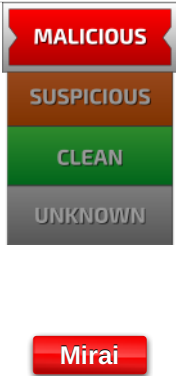
# Linux Analysis Report Mozi.m

## Overview

### General Information

|              |                                                                                   |
|--------------|-----------------------------------------------------------------------------------|
| Sample Name: | Mozi.m                                                                            |
| Analysis ID: | 450743                                                                            |
| MD5:         | e957309c9cb381..                                                                  |
| SHA1:        | 3589d0f624deb03.                                                                  |
| SHA256:      | 54dfe49f5b11403..                                                                 |
| Infos:       |  |
|              |                                                                                   |

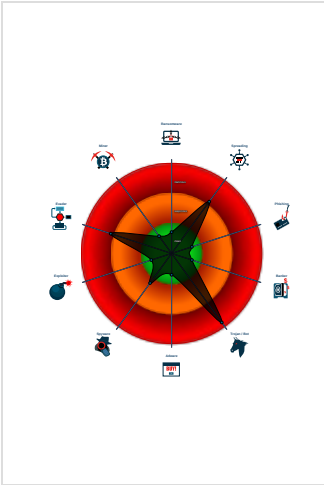
### Detection

|                                                                                   |         |
|-----------------------------------------------------------------------------------|---------|
|  |         |
| Score:                                                                            | 96      |
| Range:                                                                            | 0 - 100 |
| Whitelisted:                                                                      | false   |

### Signatures

|                                           |
|-------------------------------------------|
| Antivirus / Scanner detection for sub...  |
| Multi AV Scanner detection for subm...    |
| Yara detected Mirai                       |
| Yara detected Mirai                       |
| Yara detected Mirai                       |
| Yara detected Mirai                       |
| Found strings indicative of a multi-pl... |
| Sample is packed with UPX                 |
| Sample contains only a LOAD segm...       |
| Sample contains strings indicative o...   |
| Sample contains strings indicative o...   |
| Sample contains strings that are not      |

### Classification



### Analysis Advice

- Non-zero exit code suggests an error during the execution. Lookup the error code for hints.
- Static ELF header machine description suggests that the sample might not execute correctly on this machine
- Static ELF header machine description suggests that the sample might only run correctly on MIPS or ARM architectures

## General Information

|                                      |                                                                                                                         |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Joe Sandbox Version:                 | 33.0.0 White Diamond                                                                                                    |
| Analysis ID:                         | 450743                                                                                                                  |
| Start date:                          | 19.07.2021                                                                                                              |
| Start time:                          | 17:05:52                                                                                                                |
| Joe Sandbox Product:                 | CloudBasic                                                                                                              |
| Overall analysis duration:           | 0h 5m 31s                                                                                                               |
| Hypervisor based Inspection enabled: | false                                                                                                                   |
| Report type:                         | light                                                                                                                   |
| Sample file name:                    | Mozi.m                                                                                                                  |
| Cookbook file name:                  | defaultlinuxfilecookbook.jbs                                                                                            |
| Analysis system description:         | Ubuntu Linux 16.04 x64 (Kernel 4.4.0-116, Firefox 59.0, Document Viewer 3.18.2, LibreOffice 5.1.6.2, OpenJDK 1.8.0_171) |
| Analysis Mode:                       | default                                                                                                                 |
| Detection:                           | MAL                                                                                                                     |
| Classification:                      | mal96.spre.troj.evad.linM@0/2@0/0                                                                                       |
| Warnings:                            | Show All                                                                                                                |

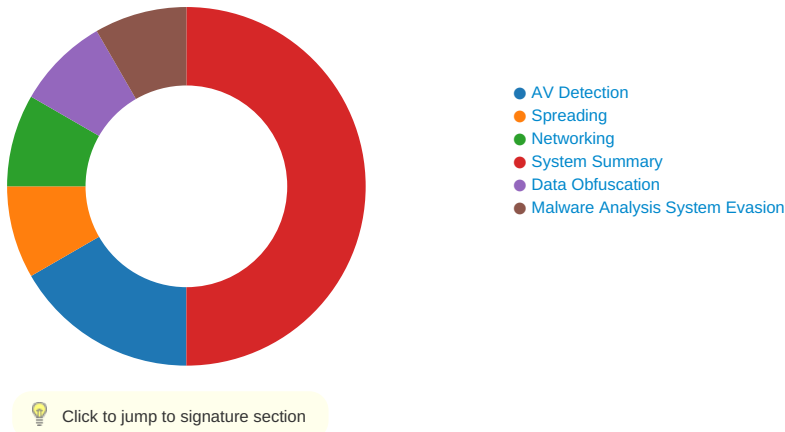
## Process Tree

- ## Yara Overview

## Initial Sample

| Source                     | Rule                            | Description                                          | Author       | Strings                                                                                                                                                                                                                                                                            |
|----------------------------|---------------------------------|------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mozi.m                     | SUSP_ELF_LNX_UPX_Compessed_File | Detects a suspicious ELF binary with UPX compression | Florian Roth | <ul style="list-style-type: none"><li>0x1fce8:\$s1: PROT_EXEC PROT_WRITE failed.</li><li>0x1fd57:\$s2: \$ld: UPX</li><li>0x1fd08:\$s3: \$Info: This file is packed with the UPX executable packer</li></ul>                                                                        |
| Mozi.m                     | SUSP_XORed_Mozilla              | Detects suspicious XORed keyword - Mozilla/5.0       | Florian Roth | <ul style="list-style-type: none"><li>0x37450:\$xo1: oMXKNNC\x0D\x17\x0C\x12</li><li>0x374c0:\$xo1: oMXKNNC\x0D\x17\x0C\x12</li><li>0x37530:\$xo1: oMXKNNC\x0D\x17\x0C\x12</li><li>0x375a0:\$xo1: oMXKNNC\x0D\x17\x0C\x12</li><li>0x37610:\$xo1: oMXKNNC\x0D\x17\x0C\x12</li></ul> |
| Mozi.m                     | JoeSecurity_Mirai_8             | Yara detected Mirai                                  | Joe Security |                                                                                                                                                                                                                                                                                    |
| Mozi.m                     | JoeSecurity_Mirai_9             | Yara detected Mirai                                  | Joe Security |                                                                                                                                                                                                                                                                                    |
| Mozi.m                     | JoeSecurity_Mirai_6             | Yara detected Mirai                                  | Joe Security |                                                                                                                                                                                                                                                                                    |
| Click to see the 1 entries |                                 |                                                      |              |                                                                                                                                                                                                                                                                                    |

## Jbx Signature Overview



### AV Detection:



## Spreading:



Found strings indicative of a multi-platform dropper

## Data Obfuscation:



Sample is packed with UPX

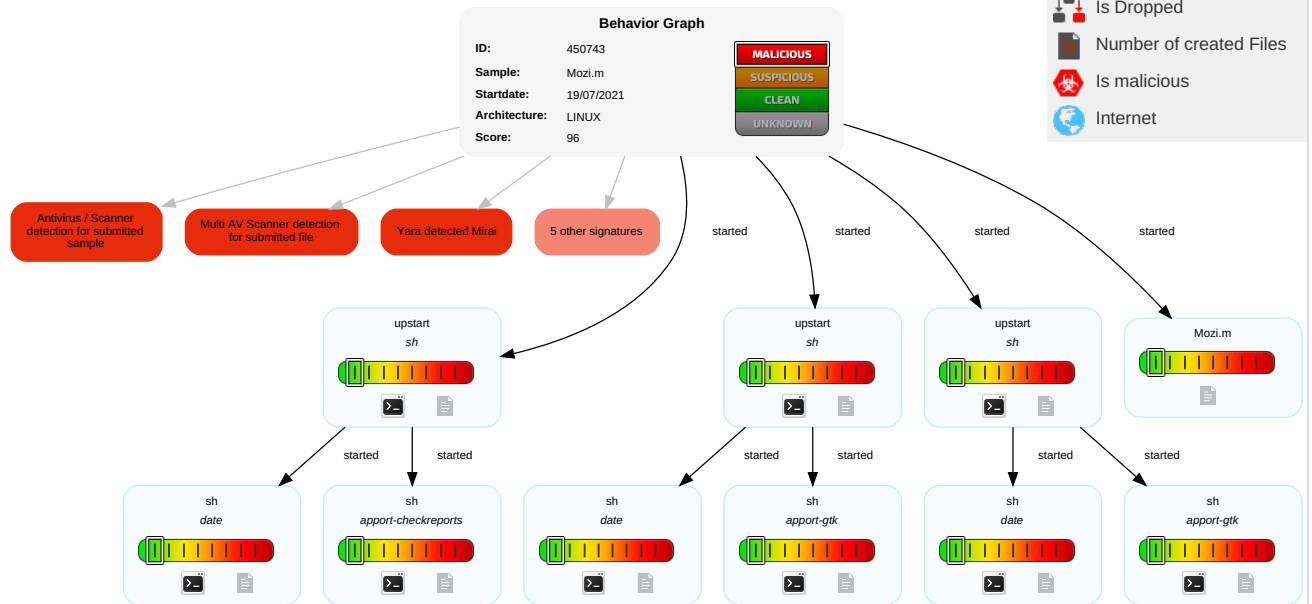
## Mitre Att&amp;ck Matrix

| Initial Access   | Execution                           | Persistence                          | Privilege Escalation                 | Defense Evasion                   | Credential Access | Discovery                     | Lateral Movement        | Collection                | Exfiltration                           | Command and Control | Network Effects                             | Remote Service Effects                      | Impact                  |
|------------------|-------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------|-------------------|-------------------------------|-------------------------|---------------------------|----------------------------------------|---------------------|---------------------------------------------|---------------------------------------------|-------------------------|
| Valid Accounts   | Command and Scripting Interpreter 1 | Path Interception                    | Path Interception                    | Scripting 1                       | Brute Force 1     | Security Software Discovery 1 | Remote Services         | Data from Local System    | Exfiltration Over Other Network Medium | Data Obfuscation    | Eavesdrop on Insecure Network Communication | Remotely Track Device Without Authorization | Modify System Partition |
| Default Accounts | Scripting 1                         | Boot or Logon Initialization Scripts | Boot or Logon Initialization Scripts | Obfuscated Files or Information 1 | LSASS Memory      | Application Window Discovery  | Remote Desktop Protocol | Data from Removable Media | Exfiltration Over Bluetooth            | Junk Data           | Exploit SS7 to Redirect Phone Calls/SMS     | Remotely Wipe Data Without Authorization    | Device Lockout          |

## Malware Configuration

No configs have been found

## Behavior Graph



## Initial Sample

| Source | Detection | Scanner       | Label              | Link                   |
|--------|-----------|---------------|--------------------|------------------------|
| Mozi.m | 60%       | Virustotal    |                    | <a href="#">Browse</a> |
| Mozi.m | 43%       | Metadefender  |                    | <a href="#">Browse</a> |
| Mozi.m | 67%       | ReversingLabs | Linux.Trojan.Mirai |                        |
| Mozi.m | 100%      | Avira         | LINUX/Mirai.cuqzt  |                        |

No Antivirus matches

No Antivirus matches

| Source                         | Detection | Scanner         | Label | Link |
|--------------------------------|-----------|-----------------|-------|------|
| http://%s:%d/bin.sh;chmod      | 0%        | Avira URL Cloud | safe  |      |
| http://%s:%d/Mozi.a;chmod      | 0%        | Avira URL Cloud | safe  |      |
| http://%s:%d/Mozi.m;tmp/Mozi.m | 0%        | Avira URL Cloud | safe  |      |
| http://%s:%d/bin.sh            | 0%        | Avira URL Cloud | safe  |      |
| http://purenetworks.com/HNAP1/ | 0%        | Avira URL Cloud | safe  |      |
| http://%s:%d/Mozi.m;           | 0%        | Avira URL Cloud | safe  |      |
| http://%s:%d/Mozi.m;\$         | 0%        | Avira URL Cloud | safe  |      |
| http://HTTP/1.1                | 0%        | Avira URL Cloud | safe  |      |
| http://%s:%d/Mozi.a;sh\$       | 0%        | Avira URL Cloud | safe  |      |

| Source                  | Detection | Scanner         | Label | Link |
|-------------------------|-----------|-----------------|-------|------|
| http://127.0.0.1        | 0%        | Avira URL Cloud | safe  |      |
| http://%s:%d/Mozi.m     | 0%        | Avira URL Cloud | safe  |      |
| http://127.0.0.1sendcmd | 0%        | Avira URL Cloud | safe  |      |

## Domains and IPs

### Contacted Domains

No contacted domains info

### URLs from Memory and Binaries

### Contacted IPs

No contacted IP infos

## Runtime Messages

|                  |                                                                      |
|------------------|----------------------------------------------------------------------|
| Command:         | /tmp/Mozi.m                                                          |
| Exit Code:       | 133                                                                  |
| Exit Code Info:  |                                                                      |
| Killed:          | False                                                                |
| Standard Output: |                                                                      |
| Standard Error:  | qemu: uncaught target signal 5 (Trace/breakpoint trap) - core dumped |

## Joe Sandbox View / Context

### IPs

No context

### Domains

No context

### ASN

No context

### JA3 Fingerprints

No context

### Dropped Files

No context

## Created / dropped Files

/var/crash/\_usr\_share\_apport\_apport-checkreports.1000.crash

|            |                                       |
|------------|---------------------------------------|
| Process:   | /usr/share/apport/apport-checkreports |
| File Type: | ASCII text                            |
| Category:  | dropped                               |

|                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>/var/crash/_usr_share_apport_apport-checkreports.1000.crash</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Size (bytes):                                                      | 14915                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Entropy (8bit):                                                    | 4.685592697936091                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Encrypted:                                                         | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SSDEEP:                                                            | 192:glfh25JHJ5NNhfK54aqaG0KRE4rIPlehbM:ZfMXpO5GRERo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MD5:                                                               | 369014BA6E21E3A99CA5E15A3066F52A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SHA1:                                                              | 58C2811B8BE49B52A3C9ABA50C23BED1F88A0F07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SHA-256:                                                           | 740C55D8B9FC3B7BB62D57D162072B9902458970825D98022666CC445CD83774                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SHA-512:                                                           | 30035359A00BAD2127309D37FEED744D2470C8A820A530ED0DBE5D7ABDEBA4E38B1F5E97D8F29F25D00956CD858E73B6A307D8FB1493258E5628C85952DCD1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Malicious:                                                         | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reputation:                                                        | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Preview:                                                           | <div>ProblemType: Crash.Date: Mon Jul 19 19:06:24 2021.ExecutablePath: /usr/share/apport/apport-checkreports.ExecutableTimestamp: 1514927430.InterpreterPath: /usr/bin/python3.5.ProcCmdline: /usr/bin/python3 /usr/share/apport/apport-checkreports --system.ProcCwd: /home/user.ProcEnviron:. LANGUAGE=en_US. PATH=(custom, user). XDG_RUNTIME_DIR=&lt;set&gt;. LANG=en_US.UTF-8. SHELL=/bin/bash.ProcMaps:. 00400000-007a9000 r-xp 00000000 fc:00 217 /usr/bin/python3.5. 009a9000-009ab000 r--p 003a9000 fc:00 217 /usr/bin/python3.5. 009ab000-00a42000 rw-p 003ab000 fc:00 217 /usr/bin/python3.5. 00a42000-00a73000 rw-p 00000000 00:00 0 . 01cc4000-0201c000 rw-p 00000000 00:00 0 [heap]. 7fdacf0b5000-7fdacf236000 rw-p 00000000 00:00 0 . 7fdacf236000-7fdacf24d000 r-xp 00000000 fc:00 2382 /usr/lib/x86_64-linux-gnu/liblz4.so.1.7.1. 7fdacf24d000-7fdacf44c000 ---p 00017000 fc:0</div> |

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>/var/crash/_usr_share_apport_apport-gtk.1000.crash</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Process:                                                  | /usr/share/apport/apport-gtk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| File Type:                                                | ASCII text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Category:                                                 | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Size (bytes):                                             | 47094                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Entropy (8bit):                                           | 4.507687905583427                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Encrypted:                                                | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SSDEEP:                                                   | 768:L/X/+/L/Q+z6FlyxNe9Hb8fqCXdrBQKTVv:L/X/+/L/oyxNe9Hb8iCXdrBQKTVv                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MD5:                                                      | BFBAC00590A85D4243E5742288EBA36F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA1:                                                     | EA17AE8007C0A8CA726BB6CD8AB11FA3C2B0B6ED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SHA-256:                                                  | 1B7D539533FEF4C6B93F8556BE60B47018617E04FDBEA1C7D9EAA537DBD01CCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA-512:                                                  | 08557E8BFA541D2C69170FEABB5B46FECBD1FC75E65802A6139640128F0C22C996573F2AD06B141B8171A55267DAAC896B6154DBA04F3AD09B4498B6DD8C7FC0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Malicious:                                                | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reputation:                                               | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preview:                                                  | <div>ProblemType: Crash.Date: Mon Jul 19 19:06:25 2021.ExecutablePath: /usr/share/apport/apport-gtk.ExecutableTimestamp: 1514927430.InterpreterPath: /usr/bin/python3.5.ProcCmdline: /usr/bin/python3 /usr/share/apport/apport-gtk.ProcCwd: /home/user.ProcEnviron:. LANGUAGE=en_US. PATH=(custom, user). XDG_RUNTIME_DIR=&lt;set&gt;. LANG=en_US.UTF-8. SHELL=/bin/bash.ProcMaps:. 00400000-007a9000 r-xp 00000000 fc:00 217 /usr/bin/python3.5. 009a9000-009ab000 r--p 003a9000 fc:00 217 /usr/bin/python3.5. 009ab000-00a42000 rw-p 003ab000 fc:00 217 /usr/bin/python3.5. 00a42000-00a73000 rw-p 00000000 00:00 0 . 017fe000-01d1f000 rw-p 00000000 00:00 0 [heap]. 7fef3bb17000-7fef3bc17000 rw-p 00000000 00:00 0 . 7fef3bc17000-7fef3bc2e000 r-xp 00000000 fc:00 2382 /usr/lib/x86_64-linux-gnu/liblz4.so.1.7.1. 7fef3bc2e000-7fef3be2d000 ---p 00017000 fc:00 2382</div> |

Static File Info

|                       |                                                                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>        |                                                                                                                                                                                  |
| File type:            | ELF 32-bit MSB executable, MIPS, MIPS-I version 1 (SYSV), statically linked, stripped                                                                                            |
| Entropy (8bit):       | 6.504782494511512                                                                                                                                                                |
| TrID:                 | <ul style="list-style-type: none"><li>ELF Executable and Linkable format (Linux) (4029/14) 50.16%</li><li>ELF Executable and Linkable format (generic) (4004/1) 49.84%</li></ul> |
| File name:            | Mozi.m                                                                                                                                                                           |
| File size:            | 307960                                                                                                                                                                           |
| MD5:                  | e957309c9cb381574c622b2d2a6798c0                                                                                                                                                 |
| SHA1:                 | 3589d0f624deb034ad2ac15cb1f1f0f0fde10908                                                                                                                                         |
| SHA256:               | 54dfe49f5b114030c318eb1be2d86bdcfac3e10d730b08631028f992fc92c9d0                                                                                                                 |
| SHA512:               | a1abd5f2aba76d3fdfa6404ea4a7b88513b42b9dbe3870ec30f0fba488a06a2db3feea12b4052cd82023d7a810cac16061f4ecf9764beea2260633769de2de67                                                 |
| SSDEEP:               | 6144:7O/QJHZweEL/NOjCHm7FZZnch5wKSDP99zBa77oNsKqqfPqOJ:78QpZsKCaihSDP99zBa/HKqoPqOJ                                                                                              |
| File Content Preview: | .ELF.....A.h...4.....4. ...({.....@...@.....<br>.....C...C.....*.UPX!X.....\...].<br>\$.ELF.....@.`....4.^h... ..{.....<...@.....ll.....H.W.`.t.d.<br>...dt.Q....J.M.....6...    |

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:       | 0x41fb68                   |
| Flags:                     | 0x1007                     |
| ELF Header Size:           | 52                         |
| Program Header Offset:     | 52                         |
| Program Header Size:       | 32                         |
| Number of Program Headers: | 2                          |
| 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    | 0x400000        | 0x400000         | 0x205b2   | 0x205b2     | 4.4298  | 0x5   | R E               | 0x10000 |                  |                  |
| LOAD | 0x0    | 0x430000        | 0x430000         | 0x0       | 0x8ac18     | 0.0000  | 0x6   | RW                | 0x10000 |                  |                  |

Network Behavior

No network behavior found

System Behavior

Analysis Process: Mozi.m PID: 4568 Parent PID: 4498

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:24                         |
| Start date: | 19/07/2021                       |
| Path:       | /tmp/Mozi.m                      |
| Arguments:  | /usr/bin/qemu-mips /tmp/Mozi.m   |
| File size:  | 307960 bytes                     |
| MD5 hash:   | e957309c9cb381574c622b2d2a6798c0 |

File Activities

File Read

Analysis Process: upstart PID: 4587 Parent PID: 3310

General

|             |          |
|-------------|----------|
| Start time: | 17:06:24 |
|-------------|----------|

|             |                                  |
|-------------|----------------------------------|
| Start date: | 19/07/2021                       |
| Path:       | /sbin/upstart                    |
| Arguments:  | n/a                              |
| File size:  | 0 bytes                          |
| MD5 hash:   | 00000000000000000000000000000000 |

Analysis Process: sh PID: 4587 Parent PID: 3310

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:24                         |
| Start date: | 19/07/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | /bin/sh -e /proc/self/fd/9       |
| File size:  | 4 bytes                          |
| MD5 hash:   | e02ea3c3450d44126c46d658fa9e654c |

File Activities

File Read

Analysis Process: sh PID: 4588 Parent PID: 4587

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:24                         |
| Start date: | 19/07/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 4 bytes                          |
| MD5 hash:   | e02ea3c3450d44126c46d658fa9e654c |

Analysis Process: date PID: 4588 Parent PID: 4587

General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:24                         |
| Start date: | 19/07/2021                       |
| Path:       | /bin/date                        |
| Arguments:  | date                             |
| File size:  | 68464 bytes                      |
| MD5 hash:   | 54903b613f9019bfca9f5d28a4fff34e |

File Activities

File Read

Analysis Process: sh PID: 4589 Parent PID: 4587

General

|             |            |
|-------------|------------|
| Start time: | 17:06:24   |
| Start date: | 19/07/2021 |
| Path:       | /bin/sh    |
| Arguments:  | n/a        |

|            |                                  |
|------------|----------------------------------|
| File size: | 4 bytes                          |
| MD5 hash:  | e02ea3c3450d44126c46d658fa9e654c |

#### Analysis Process: apport-checkreports PID: 4589 Parent PID: 4587

##### General

|             |                                                                 |
|-------------|-----------------------------------------------------------------|
| Start time: | 17:06:24                                                        |
| Start date: | 19/07/2021                                                      |
| Path:       | /usr/share/apport/apport-checkreports                           |
| Arguments:  | /usr/bin/python3 /usr/share/apport/apport-checkreports --system |
| File size:  | 1269 bytes                                                      |
| MD5 hash:   | 1a7d84ebc34df04e55ca3723541f48c9                                |

##### File Activities

##### File Read

##### File Written

##### Directory Enumerated

#### Analysis Process: upstart PID: 4614 Parent PID: 3310

##### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:24                         |
| Start date: | 19/07/2021                       |
| Path:       | /sbin/upstart                    |
| Arguments:  | n/a                              |
| File size:  | 0 bytes                          |
| MD5 hash:   | 00000000000000000000000000000000 |

#### Analysis Process: sh PID: 4614 Parent PID: 3310

##### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:24                         |
| Start date: | 19/07/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | /bin/sh -e /proc/self/fd/9       |
| File size:  | 4 bytes                          |
| MD5 hash:   | e02ea3c3450d44126c46d658fa9e654c |

##### File Activities

##### File Read

#### Analysis Process: sh PID: 4615 Parent PID: 4614

##### General

|             |            |
|-------------|------------|
| Start time: | 17:06:24   |
| Start date: | 19/07/2021 |

|            |                                  |
|------------|----------------------------------|
| Path:      | /bin/sh                          |
| Arguments: | n/a                              |
| File size: | 4 bytes                          |
| MD5 hash:  | e02ea3c3450d44126c46d658fa9e654c |

#### Analysis Process: date PID: 4615 Parent PID: 4614

##### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:24                         |
| Start date: | 19/07/2021                       |
| Path:       | /bin/date                        |
| Arguments:  | date                             |
| File size:  | 68464 bytes                      |
| MD5 hash:   | 54903b613f9019bfca9f5d28a4fff34e |

##### File Activities

##### File Read

#### Analysis Process: sh PID: 4632 Parent PID: 4614

##### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:24                         |
| Start date: | 19/07/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 4 bytes                          |
| MD5 hash:   | e02ea3c3450d44126c46d658fa9e654c |

#### Analysis Process: apport-gtk PID: 4632 Parent PID: 4614

##### General

|             |                                               |
|-------------|-----------------------------------------------|
| Start time: | 17:06:24                                      |
| Start date: | 19/07/2021                                    |
| Path:       | /usr/share/apport/apport-gtk                  |
| Arguments:  | /usr/bin/python3 /usr/share/apport/apport-gtk |
| File size:  | 23806 bytes                                   |
| MD5 hash:   | ec58a49a30ef6a29406a204f28cc7d87              |

##### File Activities

##### File Read

##### File Written

##### Directory Enumerated

#### Analysis Process: upstart PID: 4641 Parent PID: 3310

##### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:25                         |
| Start date: | 19/07/2021                       |
| Path:       | /sbin/upstart                    |
| Arguments:  | n/a                              |
| File size:  | 0 bytes                          |
| MD5 hash:   | 00000000000000000000000000000000 |

#### Analysis Process: sh PID: 4641 Parent PID: 3310

##### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:25                         |
| Start date: | 19/07/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | /bin/sh -e /proc/self/fd/9       |
| File size:  | 4 bytes                          |
| MD5 hash:   | e02ea3c3450d44126c46d658fa9e654c |

##### File Activities

##### File Read

#### Analysis Process: sh PID: 4643 Parent PID: 4641

##### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:25                         |
| Start date: | 19/07/2021                       |
| Path:       | /bin/sh                          |
| Arguments:  | n/a                              |
| File size:  | 4 bytes                          |
| MD5 hash:   | e02ea3c3450d44126c46d658fa9e654c |

#### Analysis Process: date PID: 4643 Parent PID: 4641

##### General

|             |                                  |
|-------------|----------------------------------|
| Start time: | 17:06:25                         |
| Start date: | 19/07/2021                       |
| Path:       | /bin/date                        |
| Arguments:  | date                             |
| File size:  | 68464 bytes                      |
| MD5 hash:   | 54903b613f9019bfca9f5d28a4fff34e |

##### File Activities

##### File Read

#### Analysis Process: sh PID: 4659 Parent PID: 4641

##### General

|             |            |
|-------------|------------|
| Start time: | 17:06:25   |
| Start date: | 19/07/2021 |
| Path:       | /bin/sh    |

|            |                                  |
|------------|----------------------------------|
| Arguments: | n/a                              |
| File size: | 4 bytes                          |
| MD5 hash:  | e02ea3c3450d44126c46d658fa9e654c |

Analysis Process: **apport-gtk** PID: 4659 Parent PID: 4641

General

|             |                                               |
|-------------|-----------------------------------------------|
| Start time: | 17:06:25                                      |
| Start date: | 19/07/2021                                    |
| Path:       | /usr/share/apport/apport-gtk                  |
| Arguments:  | /usr/bin/python3 /usr/share/apport/apport-gtk |
| File size:  | 23806 bytes                                   |
| MD5 hash:   | ec58a49a30ef6a29406a204f28cc7d87              |

File Activities

File Read

Directory Enumerated