



Submit #561510: PCMan FTP Server 2.0.7 Buffer Overflow

Title PCMan FTP Server 2.0.7 Buffer Overflow

Description This technique works well against Windows XP Professional Service Pack 2 and 3.
For this exploit, I tried several strategies to increase the reliability of the Poc - Proof Of Concept.
Sending an excessive amount of data through the "MDIR" command, the application crashes, indicating the Buffer Overflow condition.
Then, the offset amount was identified by using msf-pattern_create -l 3000
And then by using msf-pattern_offset -q to discover the offset amount.
After discovering the offset amount, it was necessary to adjust the data in the stack.
To advance in the exploit , mona was used, together with the command !mona jmp -r esp -n to discover a JMP ESP address, in this case it was 0x74e32fd9.
Then I used the removal of the main badchars: 0x00\0x0a\0x0d I did not perform a search for badchars through bytearray, because I already knew the environment I was working in.
Finally, I added 20 nops and generated the shellcode with msfvenom
Successful exploitation of these issues could allow attackers to obtain a remote shell on the system.

Source  <https://fitoxs.com/exploit/exploit-900150983cd24fb0d6963f7d28e17f72.txt>

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Submission 04/17/2025 08:13 PM (16 days ago)

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Status Accepted

VulnDB Entry 307327 [PCMan FTP Server 2.0.7 MDIR Command buffer overflow]

Points 20

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