




# Submit #561623: 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 "RMD" 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-52a33c7f018ae348f748582eae6aa7d38b2b5f1f3dc5d3b6793772e1f8223eb0.txt>

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**Submission** 04/17/2025 11:16 PM (18 days ago)

**Moderation** 05/04/2025 08:54 AM (16 days later)

**Status** Accepted

**VulnDB Entry** 307359 [PCMan FTP Server 2.0.7 RMD Command buffer overflow]

**Points** 20

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