

DCMTK - Bug #1078

storescp leaks sockets to child process

2023-06-07 14:23 - Marco Eichelberg

<b>Status:</b>	Closed	<b>Start date:</b>	2023-06-07
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Marco Eichelberg	<b>% Done:</b>	100%
<b>Category:</b>	Library and Apps	<b>Estimated time:</b>	3:00 hours
<b>Target version:</b>	3.6.9	<b>Compiler:</b>	
<b>Module:</b>	dcmnet		
<b>Operating System:</b>			
<b>Description</b>  When storescp ist started with "--exec-on-reception", it leaks the open sockets (the listen socket and the association socket) to it's child process :  <pre># storescp --exec-on-reception /tmp/showfd 1234 lrwx----- 1 root root 64 May 30 10:42 0 -&gt; /dev/pts/4 lrwx----- 1 root root 64 May 30 10:42 1 -&gt; /dev/pts/4 lrwx----- 1 root root 64 May 30 10:42 2 -&gt; /dev/pts/4 lrwx----- 1 root root 64 May 30 10:42 3 -&gt; 'socket:[160398]' lrwx----- 1 root root 64 May 30 10:42 4 -&gt; 'socket:[160401]'</pre> /tmp/showfd is :  #!/bin/bash  ls -l /proc/\$\$/fd  the same problem occurs with the 'receiver_application' and 'spooler_application' in dviface. You could prevent this by opening sockets with the extra flag 'SOCK_CLOEXEC' .  Reported 2023-05-30 by Christian Wetzel < <a href="mailto:wetzel@phoenix-pacs.de">wetzel@phoenix-pacs.de</a> >.			

History

- #1 - 2024-09-11 12:42 - Marco Eichelberg
- Status changed from New to Closed
  - Assignee set to Marco Eichelberg
  - Target version set to 3.6.9
  - % Done changed from 0 to 100
  - Estimated time set to 3:00 h
  - Module changed from dcmnet, dcmpstat to dcmnet
- Closed by commit #664163acc.