



Windows Server Known Issues and Solutions

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The following information describes the known issues with running Design Flow Solutions 4 (DFS4) on Windows Server, as well as the solutions to these issues. Future updates to Windows Server may alter this information. If the following solutions do not work, call ABZ at (800) 747-7401 or email dfs@abzinc.com for assistance.

Windows Server 2000/2003

Share Permissions & Security

Windows Server 2000/2003 has two separate sets of permissions. Depending on whether the shared drive is being accessed remotely or locally, one or both of these permissions sets apply, and the ultimate rights are determined by the most restrictive set.

In more detail, the share permissions tab allows full control, change control, or read only control settings. This setting applies only to remote access. Change allows write. Full allows write and changing permissions. This must be full or change, otherwise the read setting made here will overrule the write permissions needed in CC_INFO. (As discussed above, this doesn't apply to local access. So if this is set incorrectly, DFS may still run locally but not remotely).

There is also a security tab, which permits full, modify, read and execute, list directory contents, read, and write access. Modify in this context means to modify the file's attributes, not the contents. All of the DFS folders require list directory contents and read. The CC_INFO folder also requires write. The DFS folder itself and the CCUTILS folder also require read and execute (so the program can be run).

Thus, to summarize, the share permissions settings must be full or change. (Change is more restrictive). The security permissions must include read and list directory contents for all folders, read and execute for the DFS and CCUTILS folders, and write for the CC_INFO folder.

Windows Server 2008 R2

Sharing & Security

Windows Server 2008 also has two separate sets of permissions (as detailed above for 2000/2003). To access the sharing tab:

1. Right click on the DFS folder and select Properties.
2. Click the Sharing Tab.
3. Click the Advanced Sharing button.
4. Check the box that says "Share this folder".
5. Click Permissions.

To change the security permissions:

1. Right click on the DFS folder and select Properties.
2. Click the Security Tab.
3. Click on Users, then Edit.

Data Execution Prevention

When attempting to run DFS 4 in a Windows Server 2008 R2 environment you may receive an error with a description that includes "EventType=BEX". This is because of the new Data Execution Prevention (DEP) controls in R2. Follow the instructions below to disable DEP for DFS4.

1. Click Start, click Control Panel, and then double-click System.
2. Click the Advanced tab. Then, under Performance, click Settings.
3. Click the Data Execution Prevention tab.
4. Click Turn on DEP for essential Windows programs and services only to select the OptIn policy.
5. Click Turn on DEP for all programs and services except those I select to select the OptOut policy.
6. Select "Add".
7. Browse to the DFS4 executable file (DFS4.exe) and add it to the list.

More information about DEP is available from Microsoft:

[http://technet.microsoft.com/en-us/library/cc738483\(WS.10\).aspx](http://technet.microsoft.com/en-us/library/cc738483(WS.10).aspx)

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