# SOLIDWORKS PDM Permissions required for move, copy, rename and delete

| Operation | Read File Contents (State Perm) | Read File Contents (Folder Perm) | Move File (Folder Perm) | Move File (State Perm) | Delete File (Folder Perm) | Delete File (State Perm) | Add or Rename a File ( Folder Perm) | Add or Rename a File (State Perm) | Add or Rename a Folder | Move Folder | Delete Folder | | Add or Rename File (Folder Perm) | Add or Rename File (State Perm) | Add or Rename Folder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Permissions Required at Origin** | | | | | | | | | | | | **Permissions Required at Target** | | |
| Move File | X | X | X | X | | | | | | | | | X | | |
| Move Folder Containing Files | X | X | X | X | | | | | | X | | | | | X |
| Move Folder Empty (No Files) | X | X | | | | | | | | X | | | | | X |
| Copy File | X* | X | | | | | | | | | | | X | X* | |
| Copy Folder Containing Files | X* | X | | | | | | | | | | | X | X* | X |
| Copy Folder Empty (No Files) | | X | | | | | | | | | | | | | X |
| Delete File | X | X | | | X | X | | | | | | | | | |
| Delete Folder Empty (No Files) | X | X | | | | | | | | | X | | | | |
| Delete Folder Containing Files | X | X | | | X | X | | | | | X | | | | |
| Rename File | X | X | | | | | X | X | | | | | | | |
| Rename Folder | | X | | | | | | | X | | | | | | |

**Notes**

Performing operations on files requires both folder permission in origin/target and state permissions on all states the file has been in.

**X*** - In order to copy a file you need at least state permission to read the version you are copying and you need at least add file permission to one intial state.

These permissions apply to SOLIDWORKS PDM 2015 or later versions.