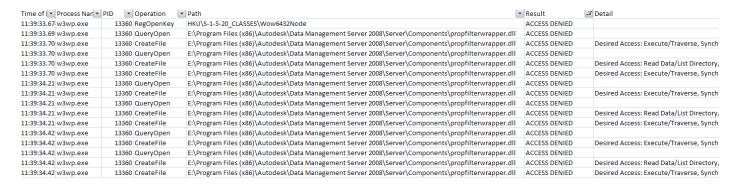
Problem

When adding new or checking in updated files/designs to the Vault, the Vault server would not write or update the Inventor iProperties (part number, title, designer etc) to the Vault database.

Cause

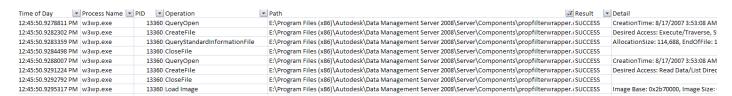
Using Sysinternals' Process Monitor, file- and registry access on the Vault server were monitored while checking in files from the Vault client. The following problem was identified:



Solution

W3wp.exe is the Internet Information Service. It executes propfilterwrapper.dll and propfiltermapperlib.dll, responsible for reading the iProperties from the design files and writing the information to the Vault database. The dll-file is launched using the "NETWORK SERVICE" system account, which did not have the required file permissions to the "E:\Program Files (x86)\Autodesk" folder structure.

The "Network Service" account was granted read+execute permissions to "E:\Program Files (x86)\Autodesk"



After this configuration change, iProperties were successfully written to the Vault database. [...]

Using the Autodesk Data Management Tool, the Re-index command was then run to update the iProperties for all the files in Vault.