

Strategy for securing user account

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Hi everybody,

I need to be able to start a console application in the security context of a user with very limited rights, on a Win 2003 computer:

- file write only to several directories
- file read only to other directories
- no create process abilities
- no network access

and probably other additional restrictions.

My question is, what is the right approach in creating a group, user account and configuring all values to make sure I don't leave any security holes while granting it a minimum of rights to be able to perform its task. It is not obvious how to do this just from inspecting the various security settings and policies.

This application will be started by a Windows service by calling the Win32 API CreateProcessAsUser, so there is no need for direct user interaction with this application.

Any information or pointers to resources will be appreciated.

Thanks,

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