

## Nexus Service

Transcoding manually uses a different process than transcoding with watch folders or using the API. The Carbon Coder program is a separate transcoder from the Windows Service that is also installed on a system when Carbon Coder or Carbon Server/Agent is installed. This service is called "Nexus", and by default just like every other Windows Service it has permission to only access resources on the same machine that it was installed on. On the other hand, the Carbon Coder program with the GUI has the same permissions as the account that the user enters to log on to the machine. That is why it is necessary to give Nexus permission to access network resources.

**NOTE:** With regards to mapped drives versus UNC paths; mapped drives only exist for the user that is logged in, Windows Services do not see mapped drives. That's why the UNC path works with watch folders and the API, and mapped drives do not.