# 背景

客户需要在AR的环境中，定时把生产数据文件发送到Windows服务器的共享文件夹中。

即AR环境需要访问Windows的共享目录。

# 解决方法

## 环境

AS 3.09

AR V4.02

X20CP1585

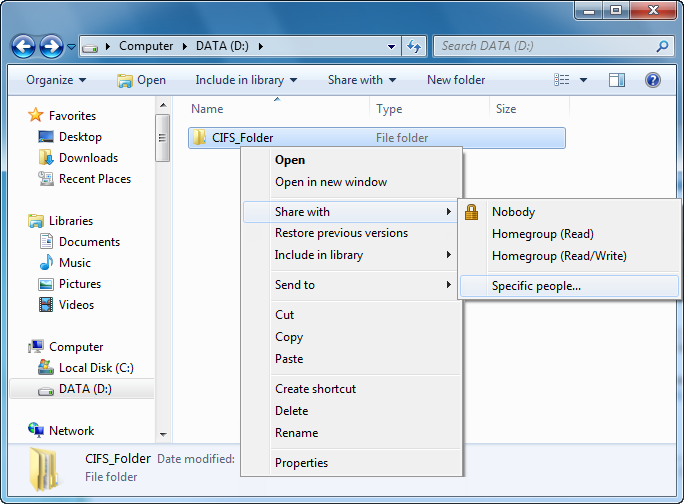
## 思路

Windows配置的共享文件夹可以通过CIFS的方式进行，搜索AS4.5.2.10 Help ID 14.4.3.2.11.30

In order to use ARwin to access a Windows folder (local or network) via DevLink, then the folder must be shared in Windows.

## Sharing a folder in Windows 7 - Windows 10

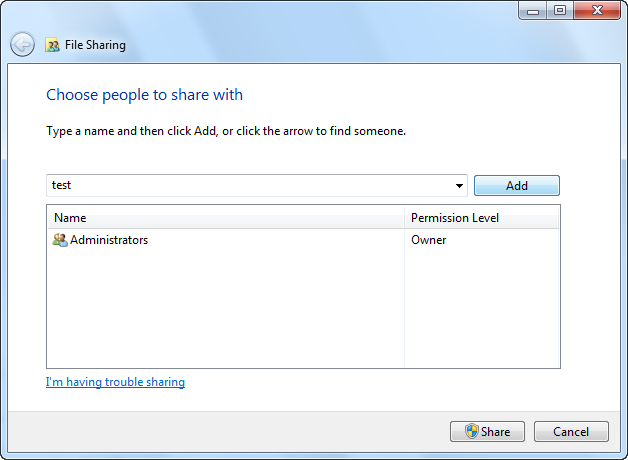
Right-click on the folder to be shared and select "Share with" / "Specific people" from the shortcut menu.



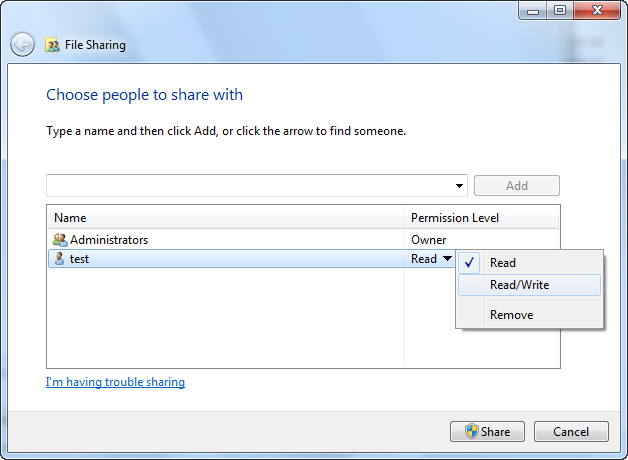
This opens a window where an existing user can be granted share access to the folder.

To use ARwin, a user with a password **must** be selected!

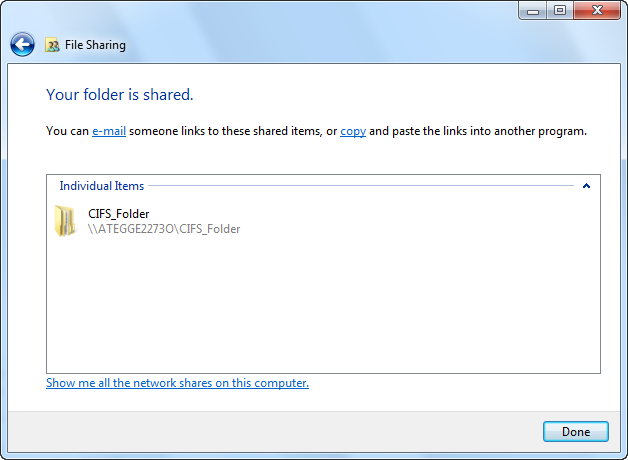
Clicking on "Add" grants the user (*user: test, password: 1234*) access to the share folder.



The access rights are then defined for the user, and "Share" confirms the operation.



Now the folder is shared and can be linked using ARwin via DevLink.



## Linking the shared folder

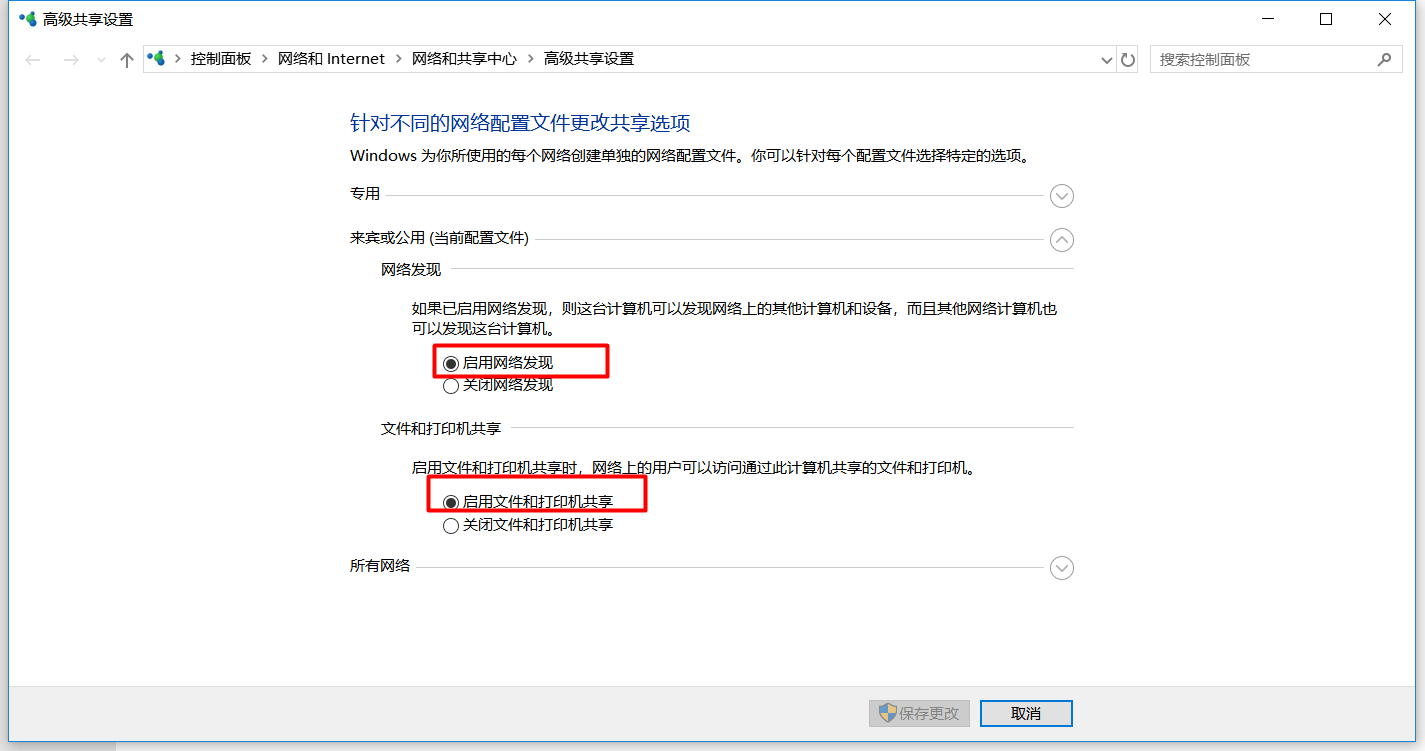
A file device can be linked to the shared folder using the following string along with the [DevLink](file:///C:\BrAutomation414\AS45\Help-en\Data\libraries\fileio\fbks\devlink.html) function block in the [FileIO](file:///C:\BrAutomation414\AS45\Help-en\Data\libraries\fileio\fileio.html) library:

    DevLink\_0.pParam=(UDINT)"/SIP=10.43.49.126 /PROTOCOL=cifs /SHARE=CIFS\_Folder /USER=test /PASSWORD=1234";

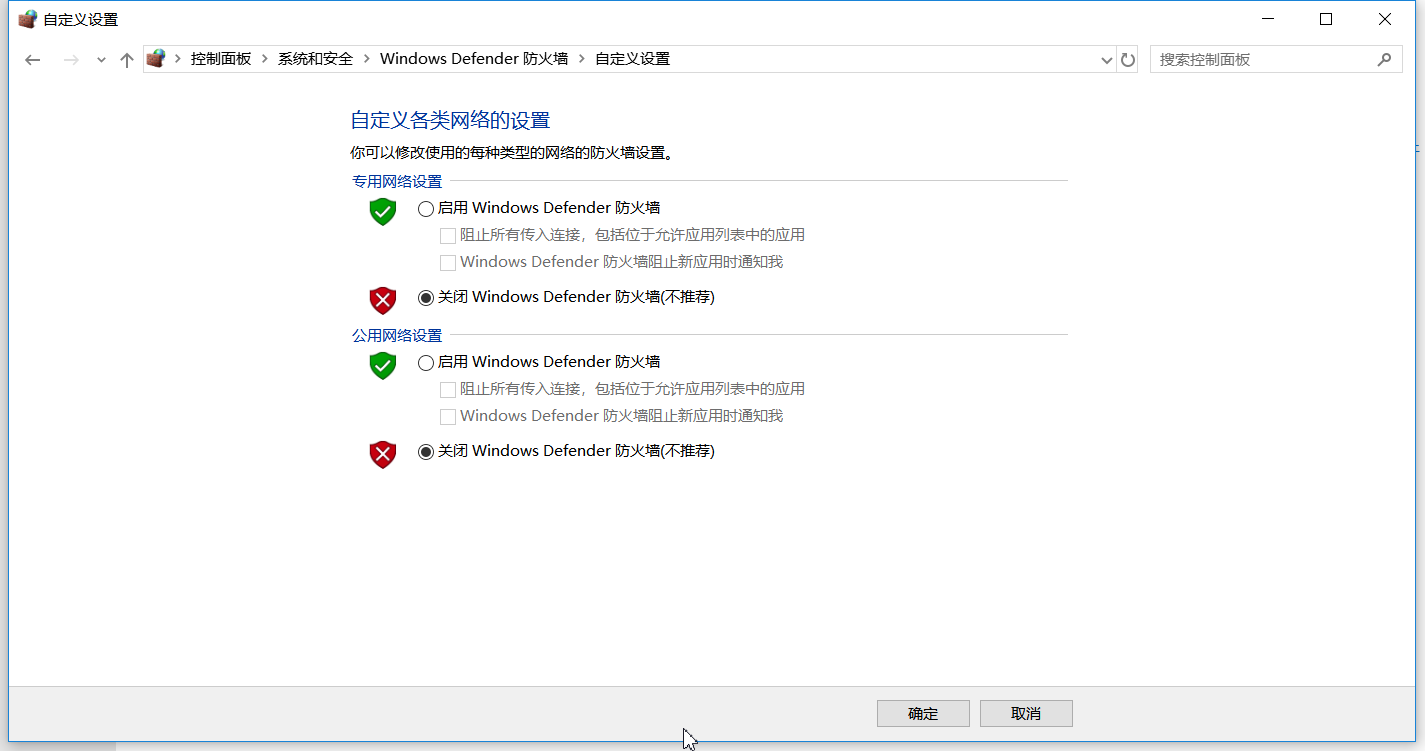
This works for both local as well as network folders that are shared. The domain may have to be specified with the "/DOMAIN" parameter depending on the network topology.   
If the username, password or domain is not specified, then the default settings will be used.  
If the hostname is given instead of the IP address, the hostname must be resolved via DNS (enable DNS).

按照帮助的步骤可能还是会连接不上，此时可能需要排除一下的问题：

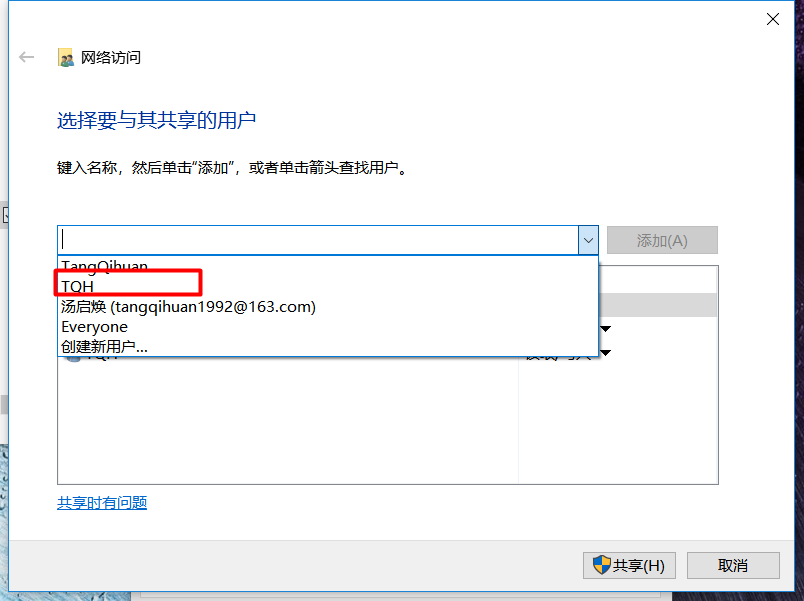
1. 打开共享文件夹的网络文件共享权限



2. 关闭防火墙



3. 添加了合适的用户



4. 分配权限



# 总结

附件中的例子程序提供了DevLink，并在共享文件夹中修改BB.TXT的内容，经测试该功能能够正常使用。