

PATsmart™ REBEL® System

Peer-to-Peer (P2P) Networking Guide

Software V1.2

26 Nov 2025

Storage Status Icons



Internal Storage Configured

PATsmart™ REBEL® is ready to run in this mode.



Network Storage Configured

REBEL is ready to run in this mode.



Files Syncing

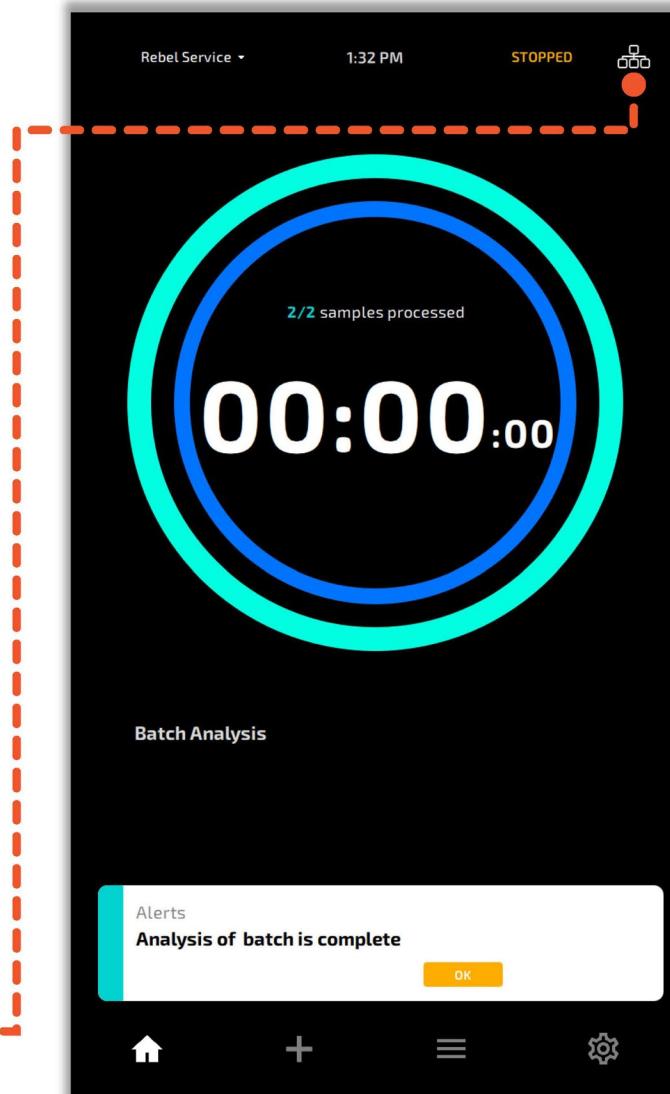
REBEL has files stored locally that are in the process of transferring to the network.



Network Locations Unreachable

REBEL is configured for network storage, but the read and/or write directories are not accessible.

If REBEL was running while the network connection was lost, output files will be stored internally and queued for export until the network connection is restored. **Please do not switch to USB mode if this icon appears as doing so can interfere with data transfer.**



Standard Networking vs. Peer-to-Peer Configuration



Connect through local hub or directly with ethernet cable.

Conventional networking is optimal (refer to 'Networking Guide')

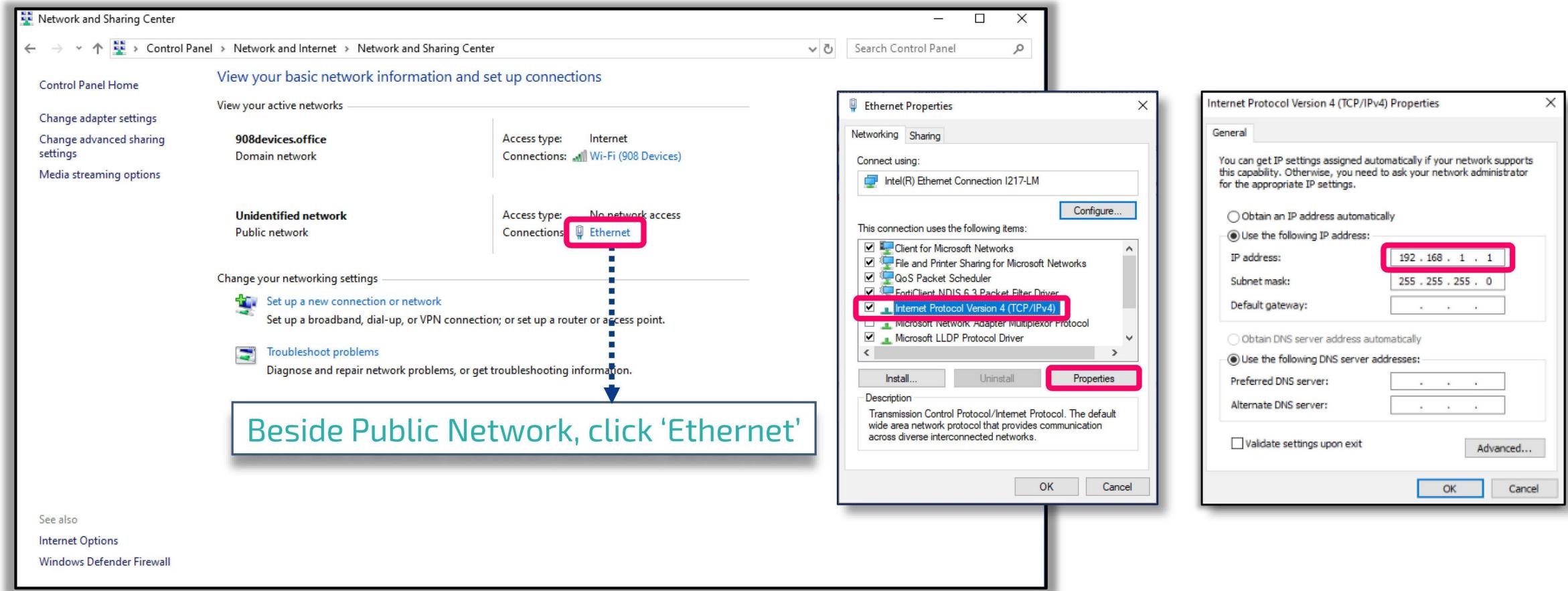
If the standard networking configuration for REBEL is prohibited or unavailable, a peer-to-peer configuration may be set up with support from your IT personnel

*This is an advanced guide for **Windows 10** only*

This allows REBEL to read / write files to a 'network' location where the 'network' location is a local PC configured per the IT / domain network requirements

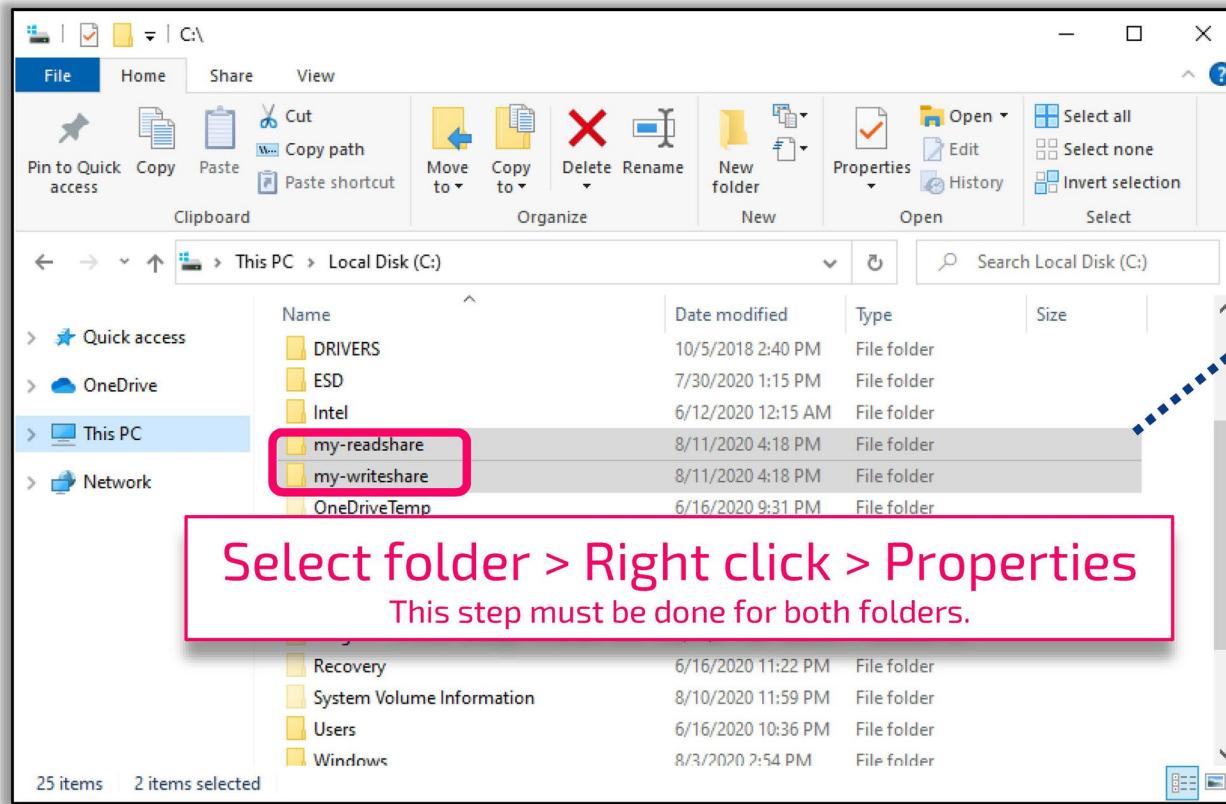
Local PC – WINDOWS 10: Set a Static IP

Set a static IP on the LOCAL PC
(Example: 192.168.1.1, as seen below)

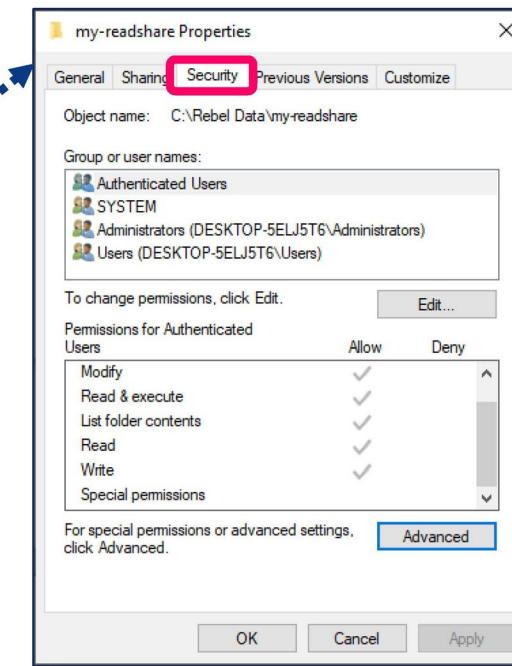


Local PC – WINDOWS 10: Folder Setup & Security

Create read and write folders for REBEL to access:
Choose any desired folder names or path
(Example: 'C:\my-readshare' and 'C:\my-writeshare')



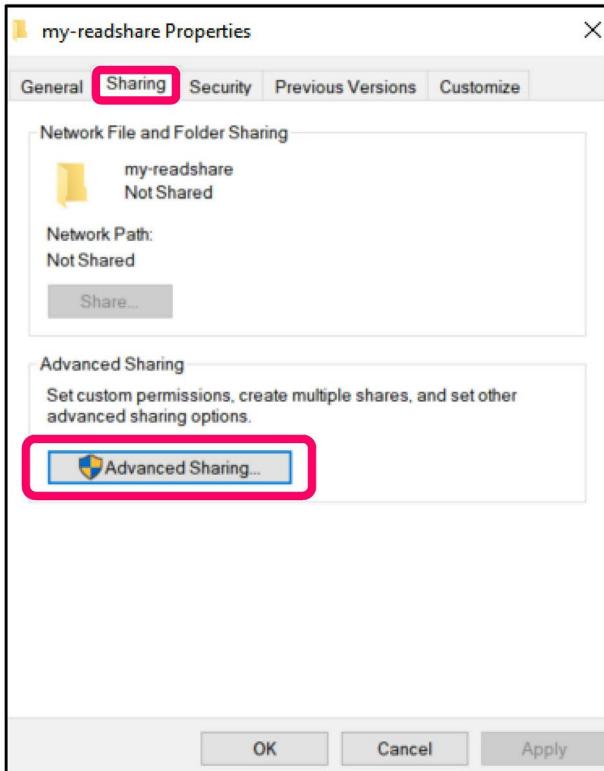
Ensure user permissions are set appropriately for both folders
(Example: all domain users can read & write to this folder)



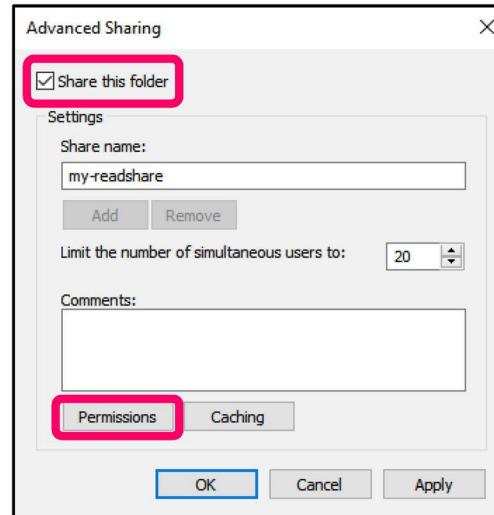
Local PC – WINDOWS 10: Sharing Permissions

Perform steps 1 to 4 for BOTH read and write folders

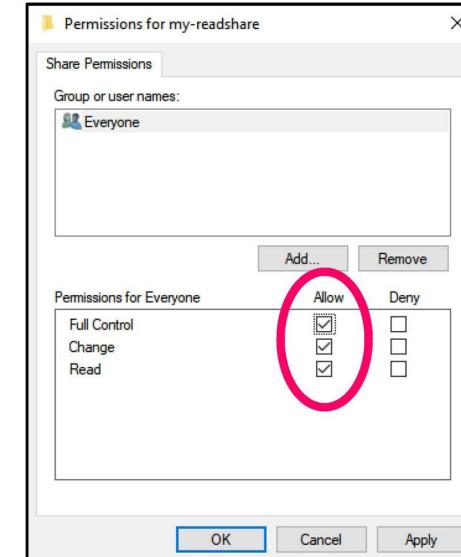
1. In folder Properties, select the 'Sharing' tab > 'Advanced Sharing ...'



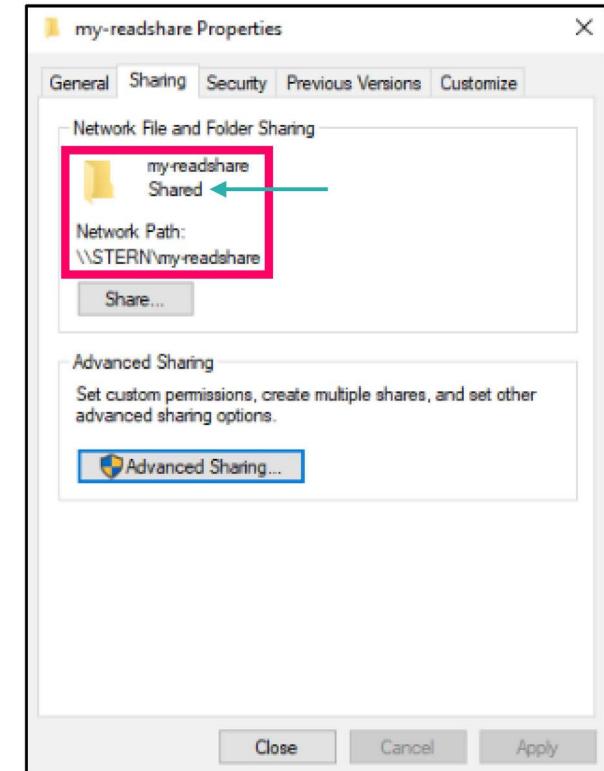
2. Check 'Share this folder' and select 'Permissions'



3. Allow full control and hit apply. Select OK. Then hit apply and OK in 'Advanced Sharing'



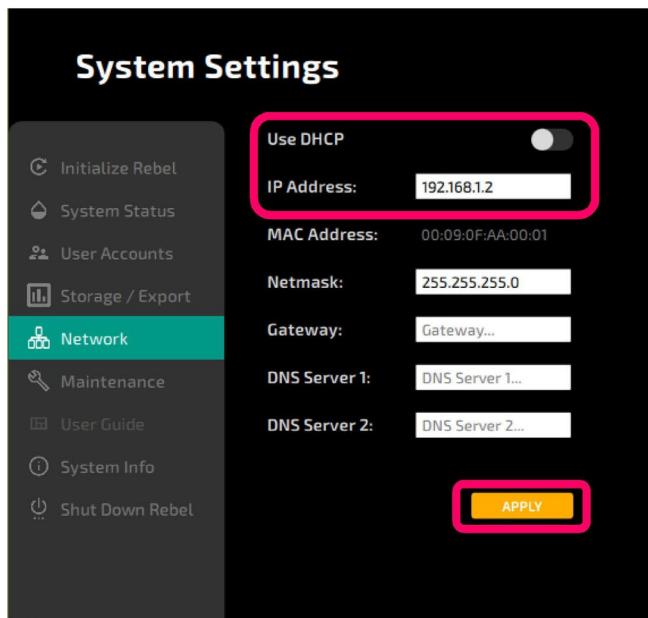
4. Confirm folder is 'Shared' and Network Path is correct



REBEL Network Configuration and Storage

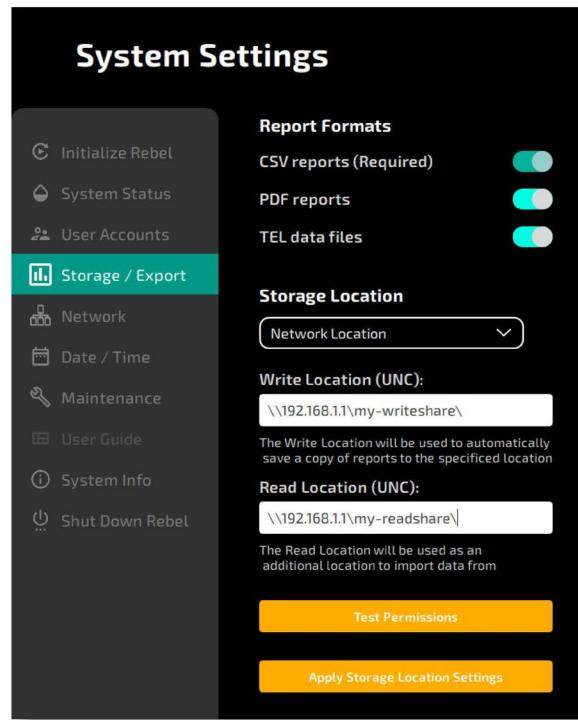
System Settings > Network

1. Disable 'Use DHCP'
2. Set a Static IP for the REBEL in the same sub-net
First 3 sets of numbers need to match the LOCAL PC Fourth set of numbers MUST be different (unique host)
(Example: REBEL IP - 192.168.1.2)
3. Hit 'Apply'



System Settings > Storage/Export

1. Under Storage Location, select 'Network Location'
2. Enter write and read locations in the format:
\\Local PC IP\\foldername\\
(Example: Local PC IP - 192.168.1.1)
3. Hit 'Apply' then 'Test Permissions'

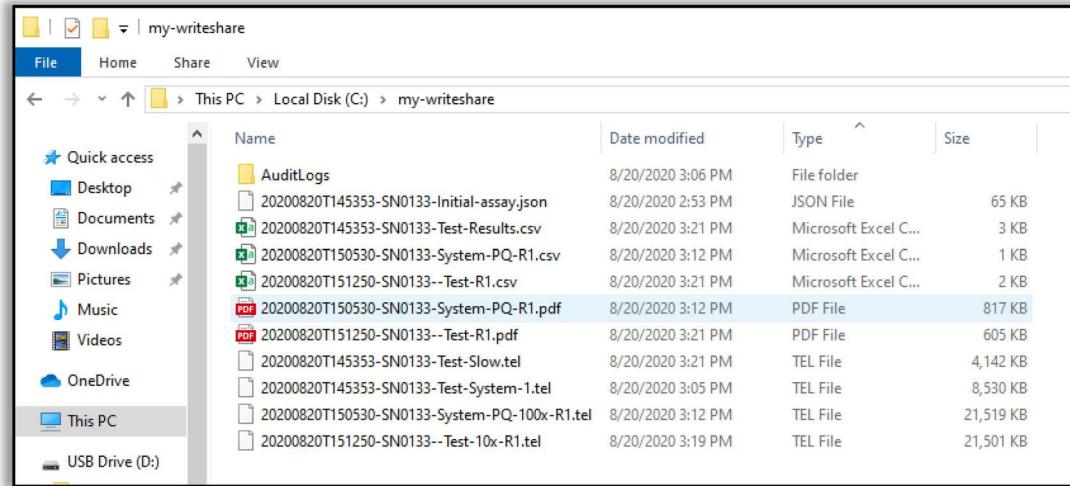


NOTE: When prompted on the REBEL, enter the username/password for the Local PC's Authorized User

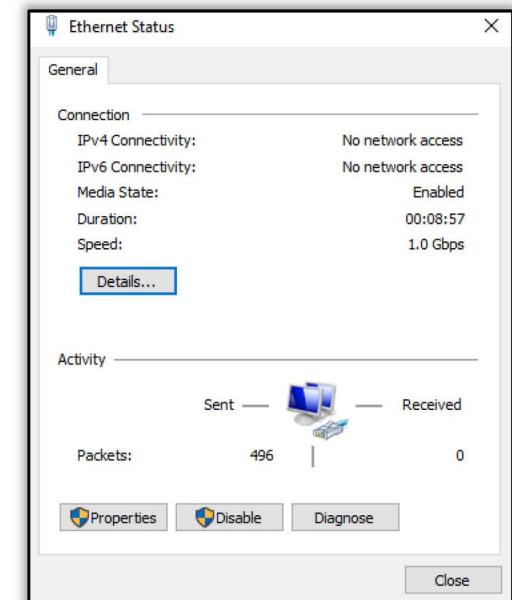
Username may require the domain in the format: DOMAIN\username

Verify P2P Success

Confirm 'writeshare' folder contains a similar set of files after a sample is run



When in doubt...confirm ethernet is connected and functioning!





Thank you

Technical Support | TechSupport@repligen.com

www.repligen.com

