LABWORKS LIMS v6.8

Firewall configuration and Testing Windows Server 2012

LABWORKS

LABWORKS Firewall Configuration and Testing Windows Server 2012

Applicationspec.xml configures the destination server for Authentication and other services.

Set the PLATFORM_SERVER_PATH as the host id of the server where LWLicenseService/LWDataServices are installed.

On the server make sure the ports for Labworks services are open.

Authentication, 10001, 10003, 10005

Other services, 9003, 8081, 8083, 9005, 9007

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Labworks Properties

General	Programs and Services	Remote Computers
Protocols and Ports	Scope	Advanced	Local Principals	Remote Users

Protocols and ports

Protocol type: TCP

Protocol number: 6

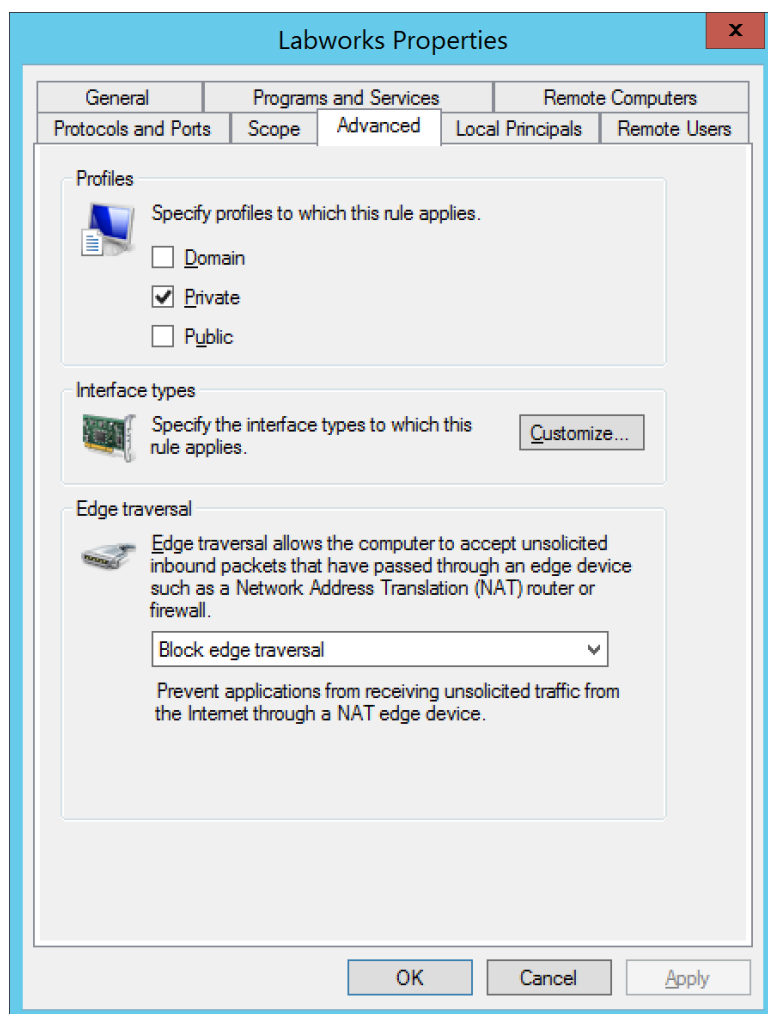Local port: Specific Ports

10005, 10001, 10003

Example: 80, 443, 5000-5010

Remote port: All Ports

Example: 80, 443, 5000-5010

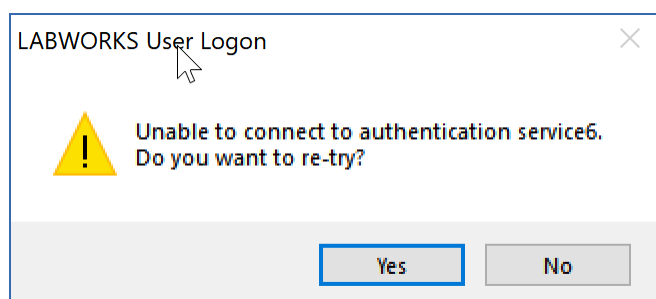Internet Control Message Protocol (ICMP) settings: Customize...
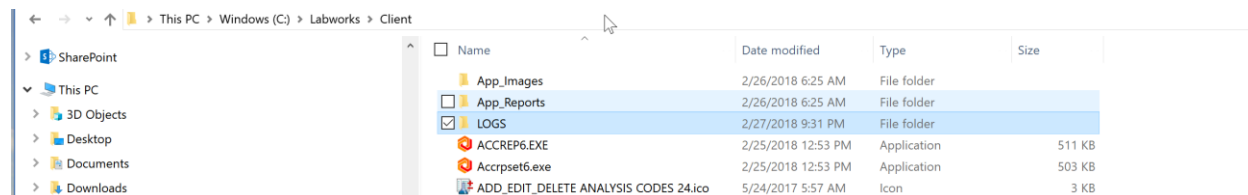
OK   Cancel   Apply

Testing the connection.
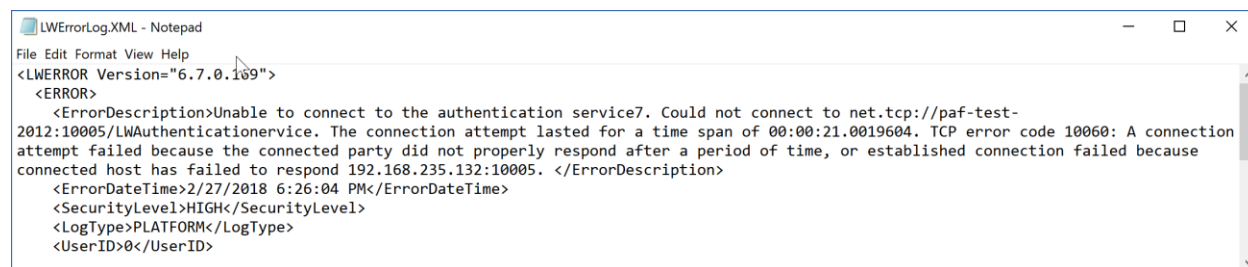
Run the program LWDesktop_Dotnet.exe

If the login prompt doesn't display, then wait 60 seconds for the application to time out and prompt to re-connect.

The c:\labworks\client\logs folder will contain the error message.

Example Error message

This example error message was created by locking down the port on the firewall. The same message is generated when the services aren't running.

When configuration and firewall is correct, valid connections are as follows

Showing Connections.

NetStat -a -b

TCP   192.168.235.132:10001 PAF-DEV03:59030   ESTABLISHED
[LWLicenseServices64.exe]
 TCP   192.168.235.132:10003 PAF-DEV03:59031   ESTABLISHED
[LWLicenseServices64.exe]
 TCP   192.168.235.132:10005 PAF-DEV03:59029   ESTABLISHED
[LWLicenseServices64.exe]