GSW
Business Tunnel

Example L05

Securely Remote Desktop to Work from Anywhere

Anywhere
Lion7
192.168.1.161
RDP

Channel Port 13389

GSW Business Tunnel

Internet

Channel Port 3389

Tunnel Port 22

Netgear N300
Router IP:
98.18.77.166

Work
Thomas
192.168.1.124
GSW SSH Server
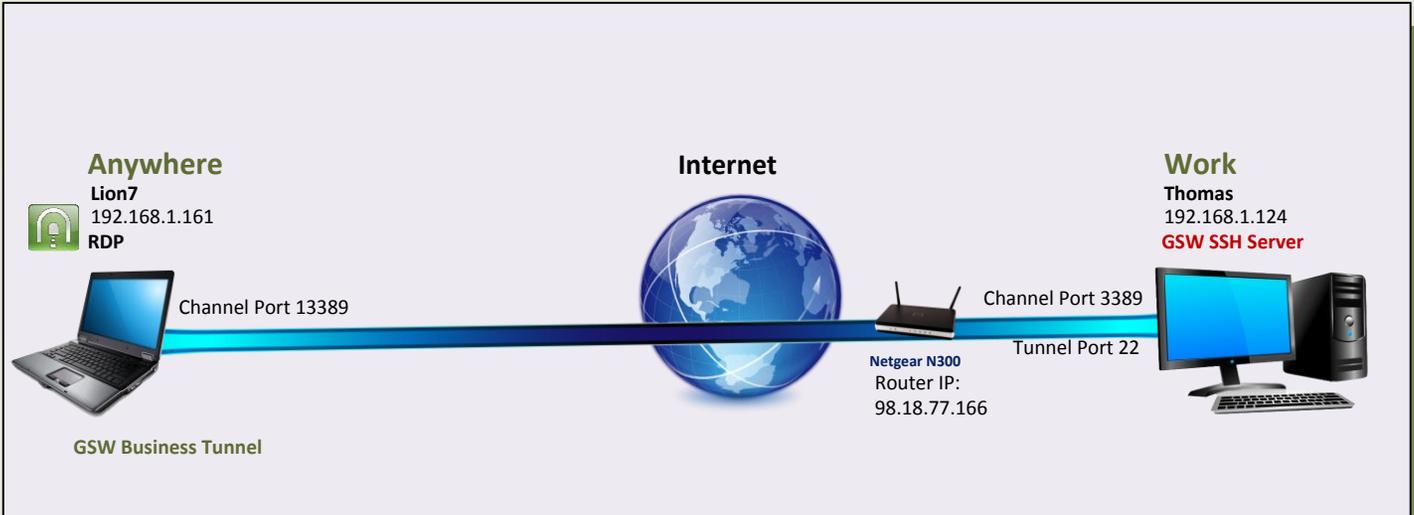
CASE: *Securely Remote Desktop to Work From Anywhere*
You are a traveling and want to Remote Desktop to your work computer. You can do this from anywhere using the GSW Business Tunnel.

Lion7 – GSW Business Tunnel Configuration

SSH Host and Authentication Settings

1. Set Address of SSH Server Host. In this case, the router is forwarded to the SSH Server Host, so we use the router IP Address

2. Set Authentication Requirements. In this case, Authentication consisted of: Logon name and a password.

Lion7 – RDP Channel Configuration

1. Select Local forwarding type.
2. Set the loopback address (127.0.0.1) as the local address.
3. Choose available port number to assign for local port. We selected 13389.
4. Fill in the remote address
5. The remote port is the RDP Port number (3389)

NetGear N300 Router – Port Forwarding Configuration

Your router will need to be configured to port forward to the SSH Server

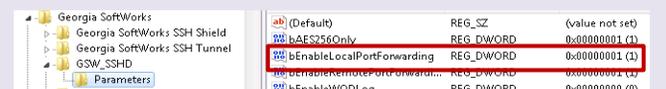| #	Service Name	External Start Port	External End Port	Internal Start Port	Internal End Port	Internal IP address
1						
	GSW SSH	22	22	22	22	192.168.1.124

Thomas – GSW SSH Server Configuration

Make sure local port forwarding is enabled on the SSH Server. With the GSW SSH Server, the setting is in the registry, as shown below.

x64 system:
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Georgia SoftWorks\GSW_SSHD\Parameters

x86 system:
HKEY_LOCAL_MACHINE\SOFTWARE\Georgia SoftWorks\GSW_SSHD\Parameters

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Lion7 – Remote Desktop Configuration

From Lion7, Open Remote Desktop (run mstsc from Start Orb)

Enter the address as shown using the loopback address and the local port number from the channel configuration

Click Connect – enter your credentials to log on

Note By using the GSW Business Tunnel, you can securely RDP without having to create certificates