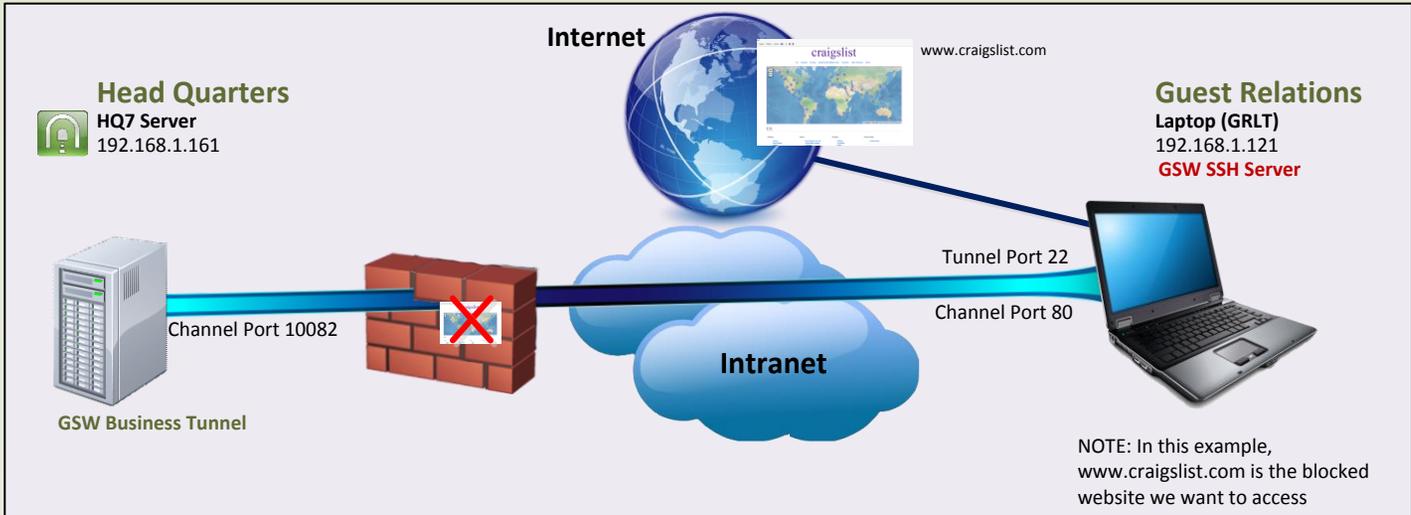




Securely Access Blocked Website from Headquarters via Computer on Company Intranet



Case:

Access to www.craigslis.com is blocked by the company proxy filter in Headquarters. However, the company has some older office furniture for sale on craigslis. The facilities manager wants to view the ad. He knows that the training laptop on the company intranet in the guest relations building has access to the internet and is running the GSW SSH Server.

The HQ7 (running the GSW Business Tunnel) creates a tunnel to the Guest Relations Laptop (GRLT) which is running the GSW SSH Server and has access to www.craigslis.com

HQ7 – 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 10082.
4. Fill in the host address of the blocked website as the remote address.
5. Use 80 for the Remote Port

HQ7 – GSW Business Tunnel Configuration

SSH Host and Authentication Settings

1. Set Address of SSH Server Host.
2. Set Authentication Requirements. In this case, Authentication consisted of: Logon name and a password.

GRLT – 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

Georgia SoftWorks	(Default)	REG_SZ	(value not set)
Georgia SoftWorks SSH Shield	bAES256Only	REG_DWORD	0x00000001 (1)
Georgia SoftWorks SSH Tunnel	bEnableLocalPortForwarding	REG_DWORD	0x00000001 (1)
GSW_SSHD	bEnableRemotePortForwarding	REG_DWORD	0x00000001 (1)
Parameters	bEnableWMI	REG_DWORD	0x00000000 (0)

HQ7 – Browser Configuration

1. Open browser and enter URL http://127.0.0.1:10082 (from the channel configuration)
2. Browse www.craigslis.com



*Note: This example works as long as the links and objects on the website have relative addresses