SQL Server Remote Connection Setup Guide

Step 1: Logging into the Router

1. Open a web browser and type the default gateway address (e.g., 192.168.1.1).

2. Enter your router's login credentials. These are usually on a sticker on the router or in its manual

(e.g., Username: admin, Password: password).

Step 2: Accessing Port Forwarding Settings

1. Navigate to the 'Port Forwarding' or 'Applications and Gaming' section in your router.

2. Click on 'Add New Port Forwarding' or similar option.

Step 3: Configuring Port Forwarding

1. Fill in the following details:

   - Application Name: SQL Server

   - Protocol: TCP

   - Internal IP Address: 192.168.178.150 (or the IP of your SQL server)

   - Internal Port: 1433

   - External Port: 1433

2. Save the settings.

Step 4: Testing the Connection

1. Update your program's connection string with the public IP of your router.

2. Use SQL Server Management Studio or a similar tool to test the connection using the public IP

and port 1433.

3. If the connection fails, verify:

   - Port Forwarding configuration

   - Firewall settings on the SQL Server

   - Router and network settings.

Final Note:

Ensure that your SQL Server is configured to allow remote connections and that firewall rules are

properly set up on both the server and the router.