Port Forwarding Setting

Port forwarding, sometimes is called a Tunnel, which is a method used by SSH for Network Security Communications. Port forwarding is a behaviour of forwading a network port from a network node to another network node. With Port forwarding, an external user can reach a port on a private internal IP address(internal LAN) through an activated NAT router from external.

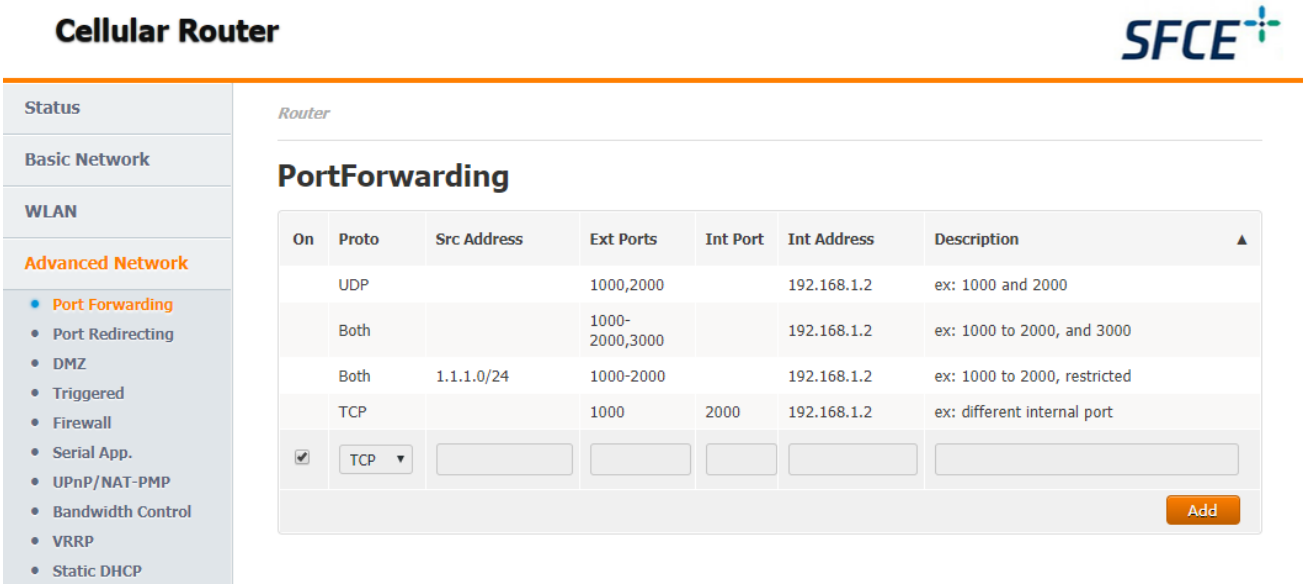


Figure 1 “Port forwarding GUI”

Settings	Instruction
Proto	Protocol, support TCP, UDP and Both
Src Address	Source Address, only forward the data from set IP Address range, such as, "1.2.3.4", "1.2.3.4 - 2.3.4.5", "1.2.3.0/24" or "me.example.com".
Ext Ports	External Port, incoming port from WAN, such as, "2345", "200,300", "200-300,400".
Int Port	Internal Port, when the internal port is different from the range of external port, Int Port is must be filled in, when it is the same, set to empty.
Int Address	Internal Address, IP Address from LAN.

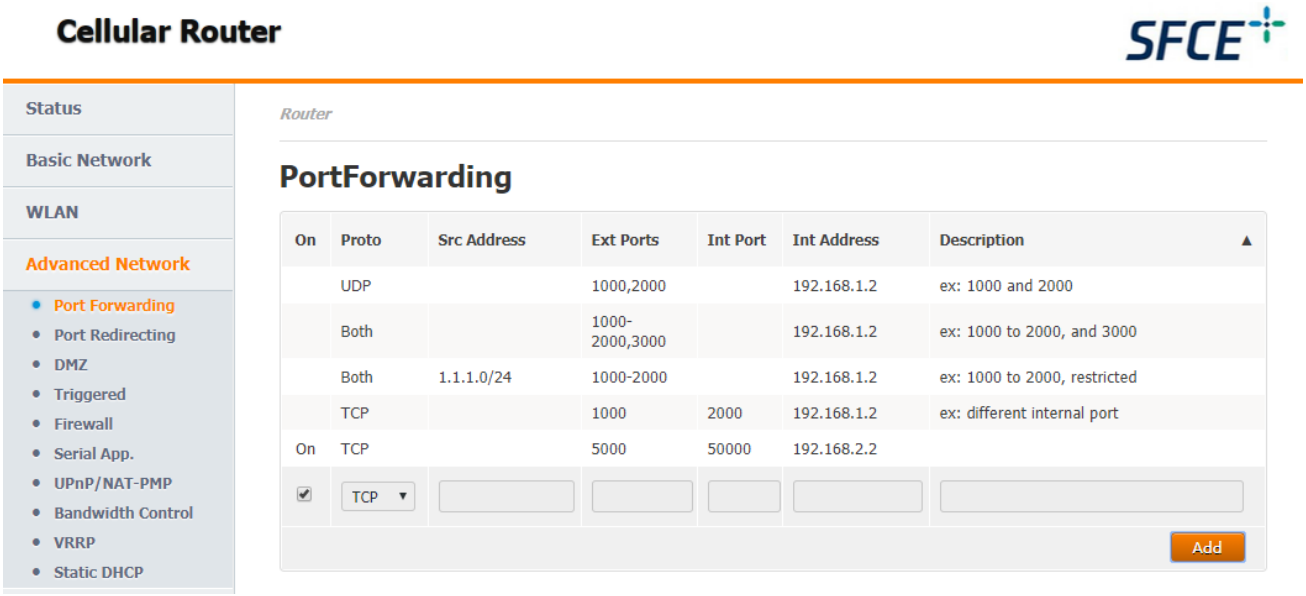
Table 1 “Setting instruction”

For example:

Step 1.

Access into the web GUI, and select “Advanced Network => Port Forwarding”, set the “Ext Ports” and “Int Port” to

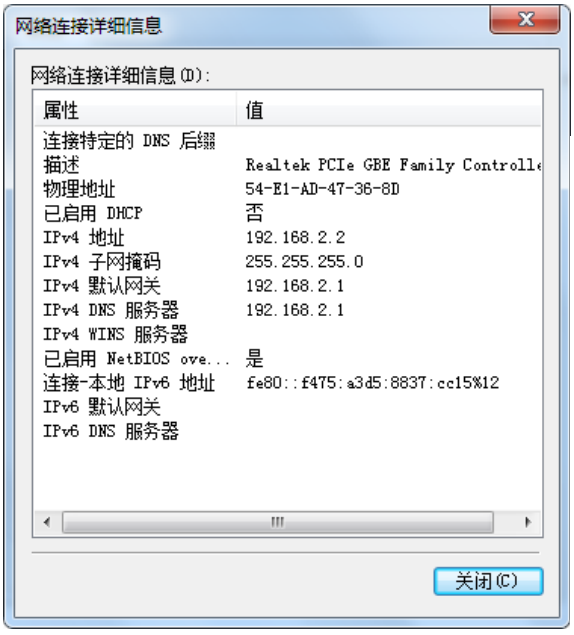
“5000”, “Int Address” to “192.168.2.2” and “Proto” to “TCP”

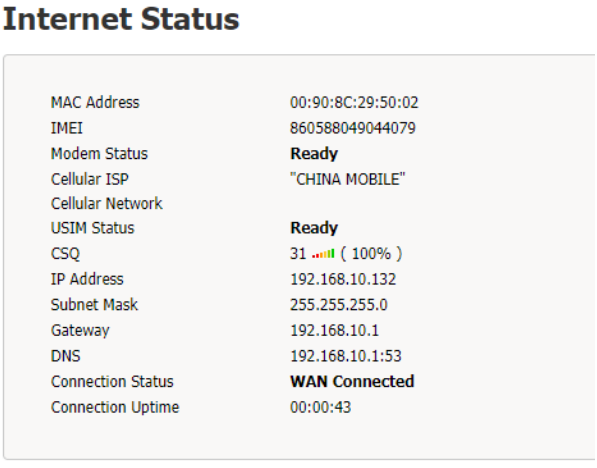


Step 2.

Local PC as Server uses internet from router which listen the IP address and 5000 port from Local PC.

The other side as Client connects the IP address and 5000 port of router via TCP protocol.





Step 3.

The Server and the Client can communicate and send messages to each other.

软件v1.2.5(...
sokit -- F1获取帮助
服务器
转发器
客户端
记事板
网络设置
服务器地址: 192.168.10.132
端口: 5000
TCP 连接
UDP 通道
数据0: 34567990987654
数据1:
数据2:
数据3:
收发记录: 接收 16 , 发送 14
09:44:27 MSG TCP socket error 7, Connection timed out
09:45:57 MSG TCP socket error 7, Connection timed out
09:47:29 MSG TCP connection to 192.168.10.132:5000 opened!
09:47:29 MSG TCP connection closed!
09:47:30 MSG TCP connection to 192.168.10.132:5000 opened!
09:49:49 DAT <--- <14> 34567990987654
09:50:02 DAT ---> <16> 7654487564565342
09:50:02 DAT ---> <16> 7654487564565342
sokit -- F1获取帮助
服务器
转发器
客户端
记事板
网络设置
TCP 地址: 192.168.2.2
端口: 5000
TCP 侦听
UDP 地址: 169.254.242.143
端口: 6000
UDP 侦听
当前连接
[TCP] 192.168.10.140:54158
全选
断开
数据1: 7654487564565342
数据2:
数据3:
发送
发送
发送
收发记录: 接收 14 , 发送 16
写入日志
清除
09:43:49 MSG start TCP server successfully!
09:47:00 MSG stop TCP server!
09:47:32 MSG start TCP server successfully!
09:47:36 MSG TCP socket error 1, The remote host closed the connection
09:49:56 DAT ---> [TCP] 192.168.10.140:54158 <14> 34567990987654
09:50:09 DAT <--- [TCP] 192.168.10.140:54158 <16> 7654487564565342
09:50:09 DAT <--- [TCP] 192.168.10.140:54158 <16> 7654487564565342