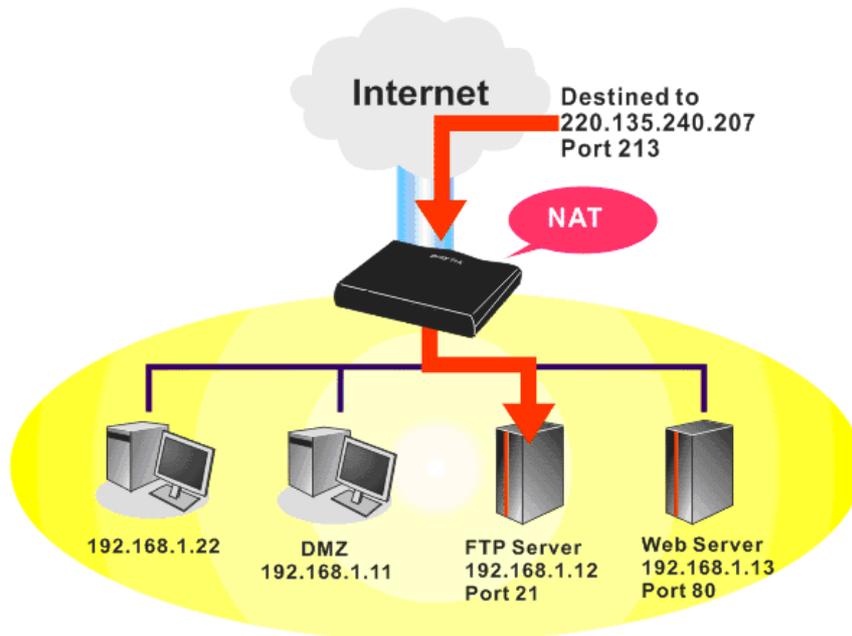


## How to set Port Redirection?

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Port Redirection is usually set up for server related service inside the local network (LAN), such as web servers, FTP servers, E-mail servers etc. Most of the case, you need a public IP address for each server and this public IP address/domain name are recognized by all users. If the server is actually located inside the LAN, and we wish that the network can be well protected by NAT of the router, we can use this function to make the servers to be identified by private IP address/port.



The function of Port Redirection is to forward all access request with public IP address from external users to the mapping private IP address/port of the server. Internet hosts can use the WAN IP address to access internal network services. By using Port Redirection, dissimilarly from open ports, you can forward a different port to the port of your internal Server/PC. It is quite convenient while more than one internal server needs to use the same port.

For example, if there are 5 PCs with IP 192.168.1.10/11/12/13/14 in a LAN and we want to use remote desktop to control these PCs, set the Port Redirections for these 5 PCs as the following:

Below, Vigor2920 series is chosen for explaining how to set Port Redirection.

1. Access into the WUI of Vigor2920.
2. Open NAT>>Port Redirection.

NAT >> Port Redirection

Port Redirection | [Set to Factory Default](#) |

Index	Service Name	Public Port	Private IP	Status
1.				x
2.				x
3.				x
4.				x
5.				x
6.				x
7.				x
8.				x
9.				x
10.				x

<< [1-10](#) | [11-20](#) >> [Next](#) >>

- Click Index 1. Check **Enable**. Type **RDP** as the service name; choose **TCP** as the protocol; type 11000 and 3389 for **Public Port** and **Private Port**; then type 192.168.1.1 as **Private IP**. Last, click **OK** to save the configuration.

NAT >> Port Redirection

Index No. 1

Enable

Mode: Single

Service Name: RDP

Protocol: TCP

WAN IP: 1.All

Public Port: 11000

Private IP: 192.168.1.11

Private Port: 3389

**Note:** In "Range" Mode the End IP will be calculated automatically once the Public Port and Start IP have been entered.

OK Clear Cancel

The above settings indicate that packets transmitted via WAN IP with public port 11000 will be redirected to private IP with private port (192.168.1.11:3389).

4. Next, click Index 2 – Index 5 to enter the corresponding settings. When you finish all the configuration, you will see the screen as the following graphic.

**NAT >> Port Redirection**

**Port Redirection** | [Set to Factory Default](#) |

Index	Service Name	Public Port	Private IP	Status
<u>1.</u>	RDP	11000	192.168.1.10	v
<u>2.</u>	RDP	12000	192.168.1.11	v
<u>3.</u>	RDP	13000	192.168.1.12	v
<u>4.</u>	RDP	14000	192.168.1.13	v
<u>5.</u>	RDP	15000	192.168.1.14	v

