

Twin WAN Router Setup Tutorials

By WINS International LLC, dba XiNCOM – Client Care Center

Basic Configuration Guide – Multi-DMZ

Setting up a networking device or server in Multi-DMZ

You can setup a host device or computer server in DMZ by using the Twin WAN device's **Multi-DMZ** menu. When setting up a designated host device or computer through DMZ, direct access is permitted to and from the host without any interference from the router's firewall. This permits easy connectivity from remote users or networks such as the Internet to access all networking ports from the DMZ host.

It is recommended you use the Multi-DMZ function of the Twin WAN device when you need unrestricted access to the device in the network DMZ.

Setting up for DMZ

Log into your Twin WAN device. In the navigation bar of the console interface, click on **Advanced Setup** and select the **Multi DMZ** sub-menu. The **Multi DMZ** console will display the list of parameters to set a DMZ profile for any networking device or computer behind the Twin WAN device. This page will change depending on your connection types configured for your Twin WAN device. Follow the steps below to setup a DMZ host on your network:

For Static IP Connection Type (up to 16 static IP address are supported per WAN port)

1. Indicate a new name for your DMZ profile in the *Name* input field.
2. Input a public IP address you want the DMZ host device or server to use in the *Public IP (WAN)* field. This IP address must be allocated to you by your ISP.
3. Input the LAN IP address of the DMZ host device or server in the *Private IP (LAN)* field. It is recommended that the IP address used in this field is a fixed or reserved IP address. (See the *Host IP* section in the *User Guide* for details on reserving an IP address)
4. In the *Access Group* menu field, select NONE. Setting your DMZ host to NONE will permit un-restricted access from the host device or server. If desired, you can apply any existing access group profile to your DMZ host device or server.
5. Select the direction from which traffic will flow through the DMZ device or server:

DMZ

A DMZ (demilitarized zone) is a computer host or small network inserted as a "neutral zone" between a company's private network and the outside public network. (www.searchwebservices.com)

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Outgoing, Incoming, and Both. Selecting *Outgoing* will only use the IP address of the DMZ when traffic is going out to the web. Selecting *Incoming* will receive traffic on that IP address (the DMZ will still use the WAN 1 or WAN 2 IP address when going out to the web). When selecting *Both*, the DMZ device or server will utilize the IP address when going out to the web as well as receiving the incoming connections (example: Remote Desktop).

6. Click the *Submit* button at the bottom to activate the DMZ device or server.

For Dynamic IP Connection Type (only 1 IP address are supported per WAN port)

1. Indicate a new name for your DMZ profile in the *Name* input field.
2. Select the WAN port you want the DMZ host device or server from the WAN drop-down menu.
3. For *Session*, select DHCP if the IP address on this WAN port is dynamically assigned. You can only select assign one (1) Private (LAN) IP address to each port.
4. Indicate the LAN IP address of the DMZ host device or server in the *Private IP (LAN)* field. It is recommended that the IP address used in this field is a fixed or reserved IP address. *(See the Host IP section in the User Guide for details on reserving an IP address)*
5. In the *Access Group* menu field, select NONE. Setting your DMZ host to NONE will permit un-restricted access from the host device or server. If desired, you can apply any existing access group profile to your DMZ host device or server.
6. Select the direction from which traffic will flow through the DMZ device or server: Outgoing, Incoming, and Both. Selecting *Outgoing* will only use the IP address of the DMZ when traffic is going out to the web. Selecting *Incoming* will receive traffic on that IP address (the DMZ will still use the WAN 1 or WAN 2 IP address when going out to the web). When selecting *Both*, the DMZ device or server will utilize the IP address when going out to the web as well as receiving the incoming connections (example: Remote Desktop).
7. Click the *Submit* button at the bottom to activate the DMZ device or server.

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For a PPPoE IP Connection Type (only 8 IP address are supported per WAN port)

1. Indicate a new name for your DMZ profile in the *Name* input field.
2. Select the WAN port you want the DMZ host device or server from the WAN drop-down menu.
3. For *Session*, select the appropriate session type for your DMZ device or server: DHCP or Session 1-8. (*Sessions 1-8 are configured in Advanced Port>Advanced PPPoE*)
4. Indicate the LAN IP address of the DMZ host device or server in the *Private IP (LAN)* field. It is recommended that the IP address used in this field is a fixed or reserved IP address. (*See the Host IP section in the User Guide for details on reserving an IP address*)
5. In the *Access Group* menu field, select NONE. Setting your DMZ host to NONE will permit un-restricted access from the host device or server. If desired, you can apply any existing access group profile to your DMZ host device or server.
6. Select the direction from which traffic will flow through the DMZ device or server: Outgoing, Incoming, and Both. Selecting *Outgoing* will only use the IP address of the DMZ when traffic is going out to the web. Selecting *Incoming* will receive traffic on that IP address (the DMZ will still use the WAN 1 or WAN 2 IP address when going out to the web). When selecting *Both*, the DMZ device or server will utilize the IP address when going out to the web as well as receiving the incoming connections (example: Remote Desktop).
7. Click the *Submit* button at the bottom to activate the DMZ device or server.

Your DMZ devices or servers are now complete.