

Demilitarized Zone (DMZ) Settings on SPA8000 Analog Telephone Adapter

Objective

The Demilitarized Zone (DMZ) feature puts one network computer, usually one which provides services to users outside of the network and is therefore more vulnerable, in a subnetwork exposed to the Internet. This adds an additional layer of security to the local area network (LAN). The objective of this article is to explain the DMZ settings on the SPA8000 Analog Telephone Adapter.

Applicable Devices

- SPA8000 Analog Telephone Adapter

Software Version

- 6.1.12

Configuration of DMZ

Step 1. Log into the web configuration utility as an administrator or user and choose **Advanced > Network > Application**. The *Application* page opens:

The screenshot shows the 'Application' page in the SPA8000 web configuration utility. The page is divided into several sections:

- Port Forwarding Settings:** A table with columns for Enable, Service Name, Starting Port, Ending Port, Protocol, and Server IP Address. The table contains 14 rows of settings.
- DMZ Settings:** Includes 'Enable DMZ' set to 'yes' and 'DMZ Host IP Address' set to '192.168.1.2'.
- Miscellaneous Settings:** Includes 'Multicast Passthru' set to 'Disabled'.
- System Reserved Ports Range:** Includes 'Starting Port' set to '50000 (+10000)' and 'Num of Ports Reserved' set to '256'.

At the bottom of the page, there are two buttons: 'Undo All Changes' and 'Submit All Changes'.

Enable	Service Name	Starting Port	Ending Port	Protocol	Server IP Address
yes	sip2L1	5160	5160	Both	192.168.1.2
yes	sip2L2	5161	5161	Both	192.168.1.2
yes	tcp2	5160	5180	Both	192.168.1.2
yes	rtp2	17384	17482	Both	192.168.1.2
yes	sip3L1	5260	5260	Both	192.168.1.3
yes	sip3L2	5261	5261	Both	192.168.1.3
yes	tcp3	5260	5280	Both	192.168.1.3
yes	rtp3	18384	18482	Both	192.168.1.3
yes	sip4L1	5360	5360	Both	192.168.1.4
yes	sip4L2	5361	5361	Both	192.168.1.4
yes	tcp4	5360	5380	Both	192.168.1.4
yes	rtp4	19384	19482	Both	192.168.1.4

Step 2. Choose **Yes** from the Enable DMZ drop-down list to expose one host to the Internet

Note: Any host whose port is forwarded must have its DHCP client function disabled and should have a new static IP address assigned to it because DHCP may change the IP address.

Step 3. Enter the digits required to complete the host IP address in the DMZ Host IP Address field.

Step 4. Click **Submit All Changes** to save the settings.