

MAC Address Clone Configuration on SPA8000 Phone Adapter

Objective

A Media Access Control (MAC) address is a unique 12-digit code assigned to a network interface for identification. Your Internet Service Provider (ISP) assigns IP addresses based on the MAC address of the device connected to it. MAC Cloning means logically assigning the same MAC address to different devices. Sometimes a user registers the MAC address with their ISP provider, so that ISP provider assigns the same IP for the registered MAC address. If the user wants to use different devices with the same IP address, then they can use MAC Cloning to use the same registered MAC address for the other devices. The objective of this article is to explain the configuration of the MAC clone on the SPA8000 Analog Telephone Adapter.

Applicable Device

- SPA8000

Software Version

- 6.1.12

MAC Address Clone

Step 1. Log in to the web configuration utility and choose **Admin > Advanced > Network > WAN Status**. The *WAN Status* page opens:

Network		Voice	
Status	Wan Status	Lan Status	Application
			Trunk Status
			Admin Login basic advanced
Internet Connection Settings			
Connection Type:	Static IP		
Static IP Settings			
Static IP:	192.168.0.1	NetMask:	255.255.255.0
Gateway:	192.168.75.1		
PPPoE Settings			
PPPOE Login Name:		PPPOE Login Password:	
PPPOE Service Name:			
Optional Settings			
HostName:	SPA8000	Domain:	cisco.com
Primary DNS:	4.2.2.2	Secondary DNS:	192.168.75.1
MAC Clone Settings			
Enable MAC Clone Service:	yes	Cloned MAC Address:	
Remote Management			
Enable WAN Web Server:	yes	WAN Web Server Port:	80
VLAN Settings			
Enable VLAN:	no	VLAN ID:	1 [0x000-0xFFF]
Undo All Changes		Submit All Changes	

Under the MAC Clone Settings Area:

Step 3. Choose **yes** from the Enable MAC Clone Service drop-down list to enable MAC clone service.

Step 4. Enter the MAC address that the user wants to clone in the SPA8000 in the Cloned MAC Address field. This MAC address is the MAC address that is logically cloned to the SPA8000.

Step 5. Click **Submit All Changes** to save the configuration.