NGSME9AVB



Configuration tool

Series V1

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Introduction

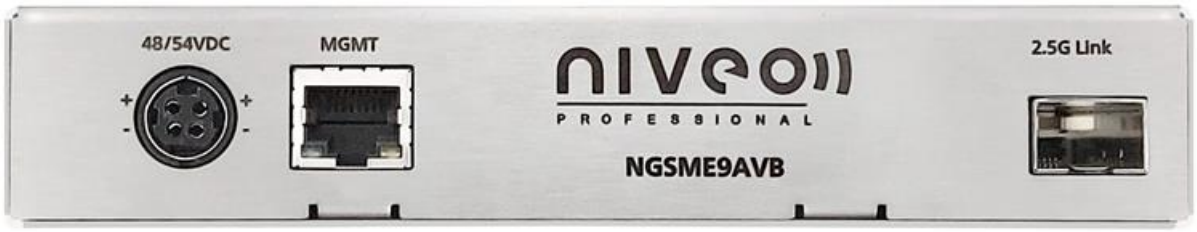
The Niveo Professional NGSME9AVB switch works without any additional settings for most AVB equipment. The product has standard 2 VLANS for both AVB and Dante networks.

To change the default settings, rename config_NGSME9AVB.exe to toolsNGSME9AVB.exe.
The original screenshots may still show the legacy tool name.

Configuration tool for Niveo Professional NGSME9AVB

The tool must run under Windows.

The notebook must be connected to the mgt port at the rear side of the switch and the notebook IP address must be set to 10.0.0.x (excluding 10.0.0.2).



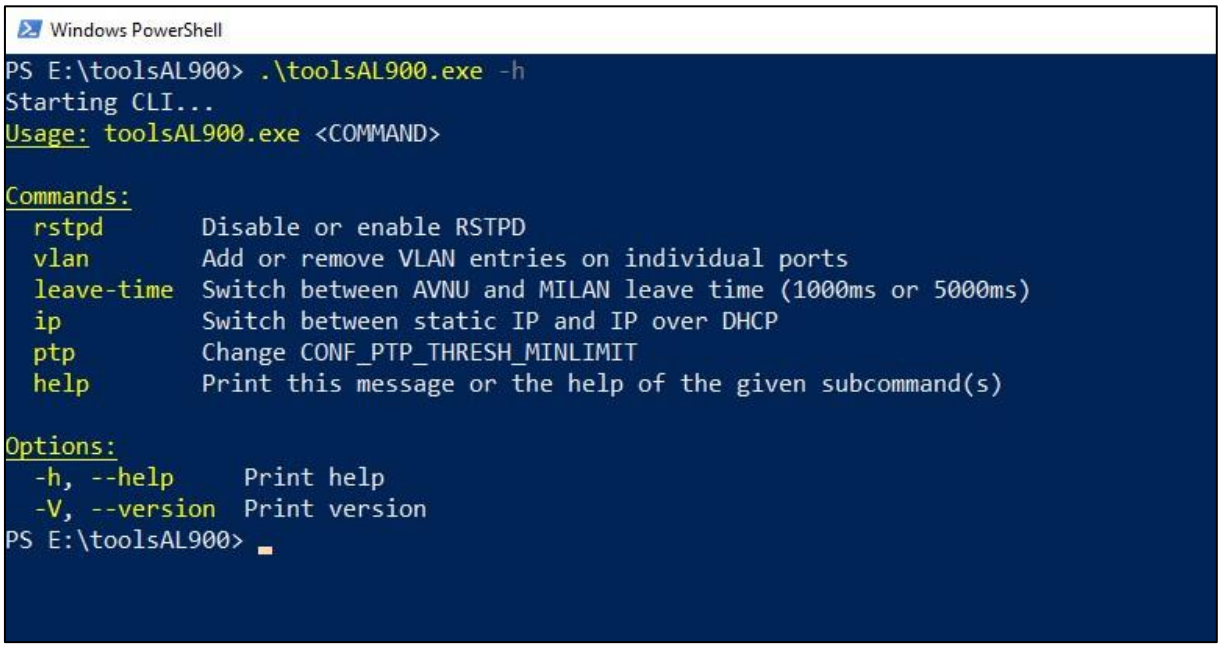
Mgt port uses 10.0.0.2 as fixed IP address. Avoid using the same IP address elsewhere in the network, the mgt port is connected to.

The Tool can be used in a Windows PowerShell or similar.

With Windows PowerShell:

Change to the folder containing toolsNGSME9AVB.exe.
To display all possible commands:

.\toolsNGSME9AVB.exe -h

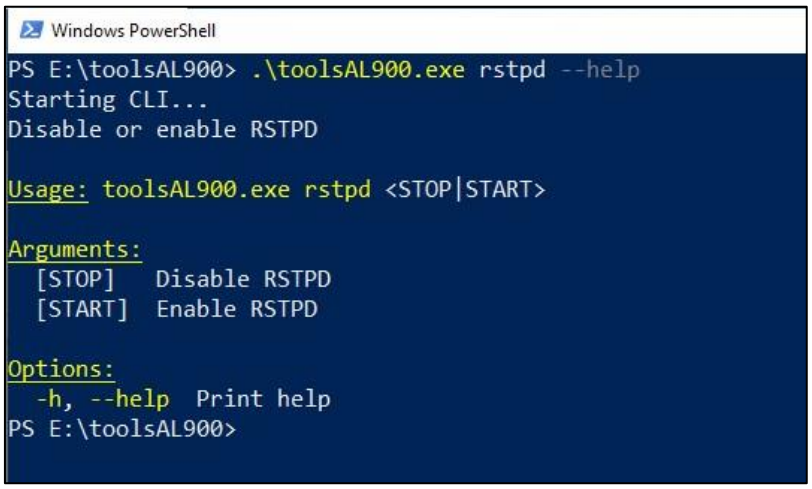


Overview of commands:

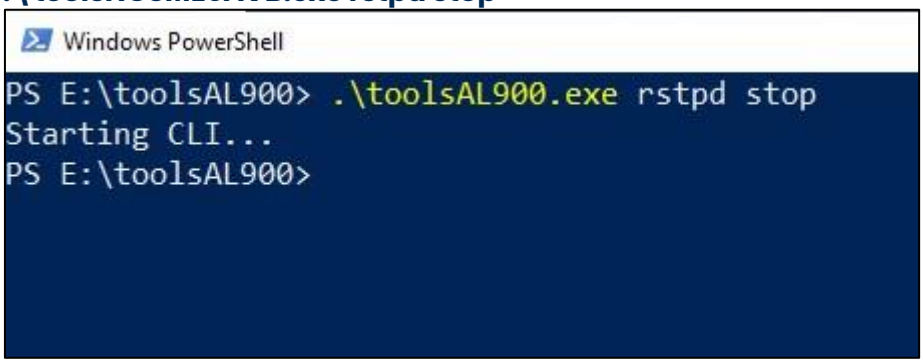
command	option	description
rstpd	stop	stops rstpd service until the next reboot
	start	starts rstpd service
vlan	add	adds VLAN with vlan_id to port
	remove	removes VLAN with vlan_id from port
leave-time	avnu	changes leave-time to be AVNU compliant (1000ms)
	milan	changes leave-time to be MILAN compliant (5000ms)
ip	stat	switches to static ip address on eth1
	dhcp	switches to dhcp on eth1 (default)
ptp	zero	sets ptp minlimit to 0ns
	default	sets ptp minlimit to default value

RSTP

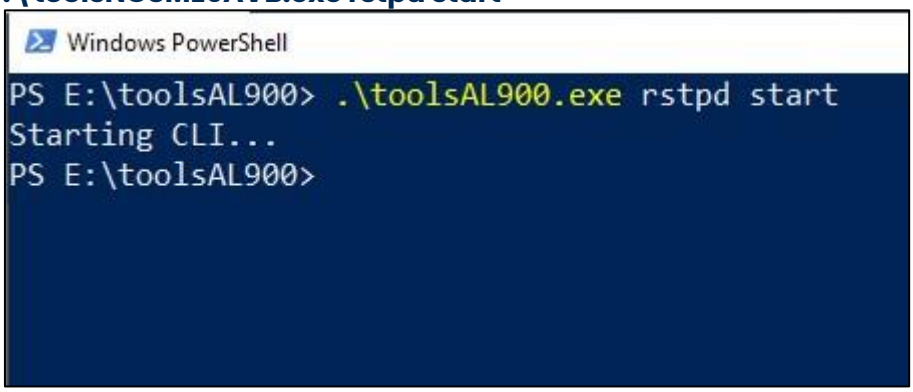
.\toolsNGSME9AVB.exe rstpd



.\toolsNGSME9AVB.exe rstpd stop

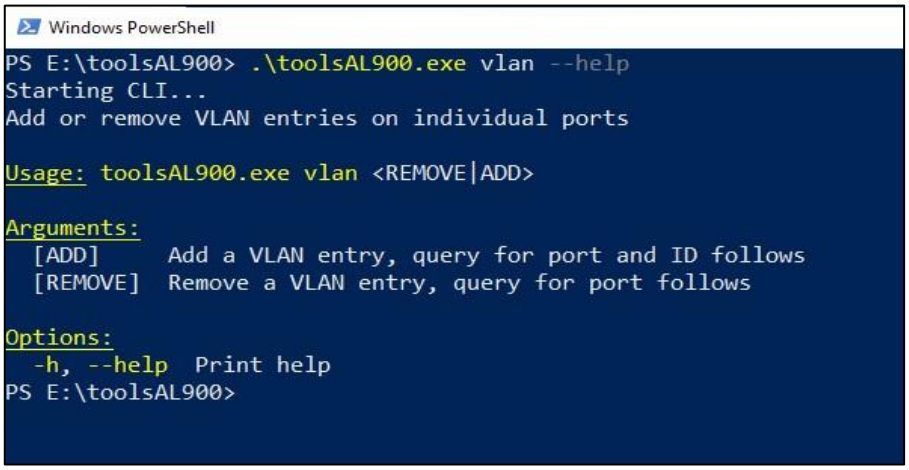


.\toolsNGSME9AVB.exe rstpd start

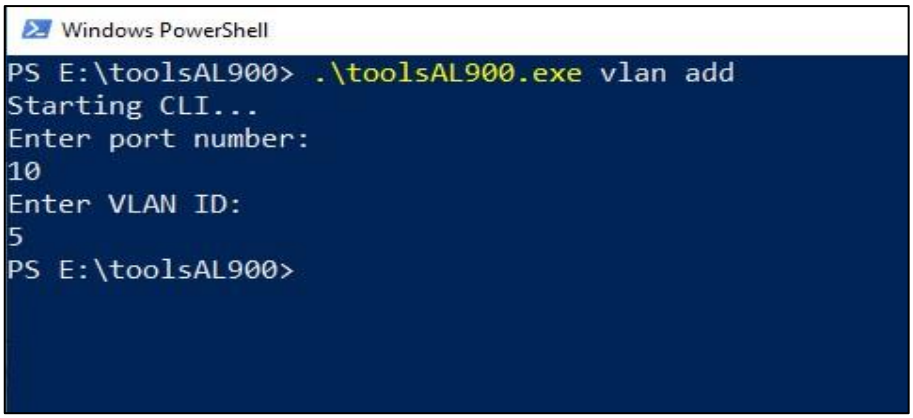


VLAN

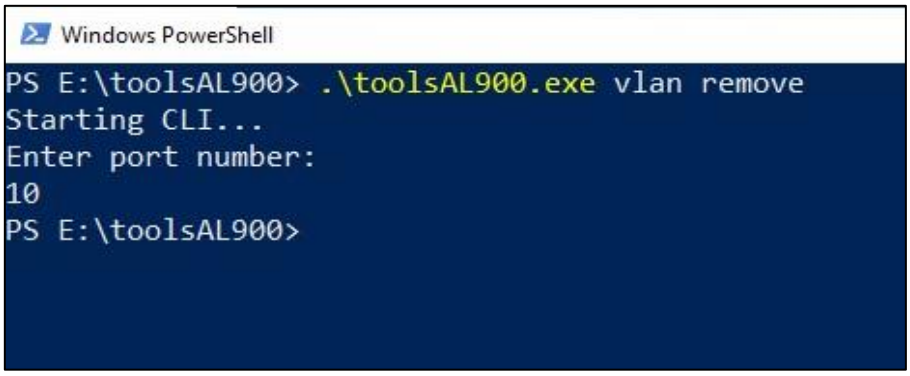
.\toolsNGSME9AVB.exe vlan



.\toolsNGSME9AVB.exe vlan add

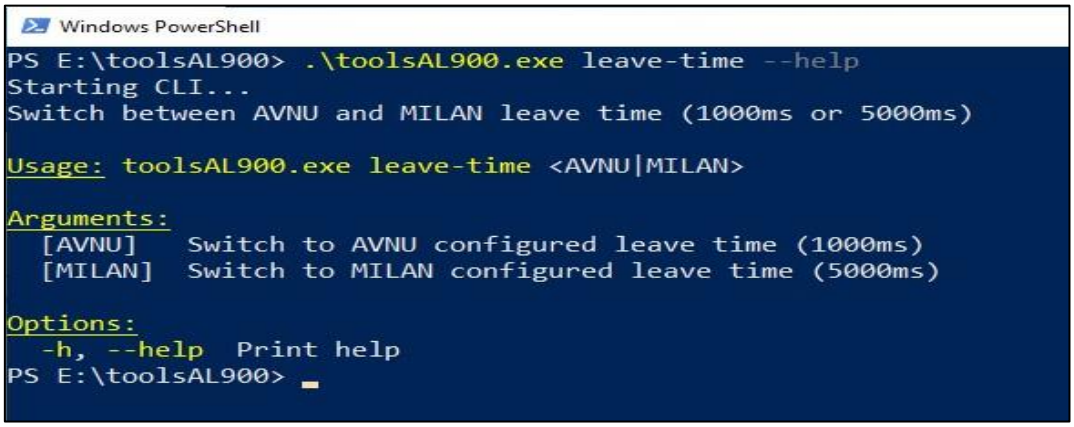


.\toolsNGSME9AVB.exe vlan remove

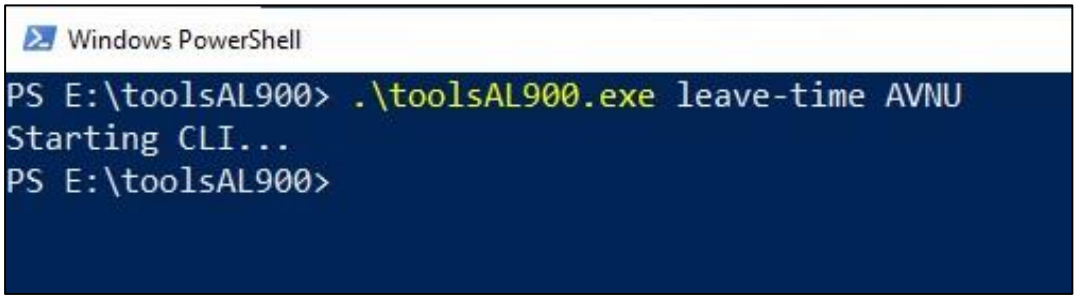


Leave-time

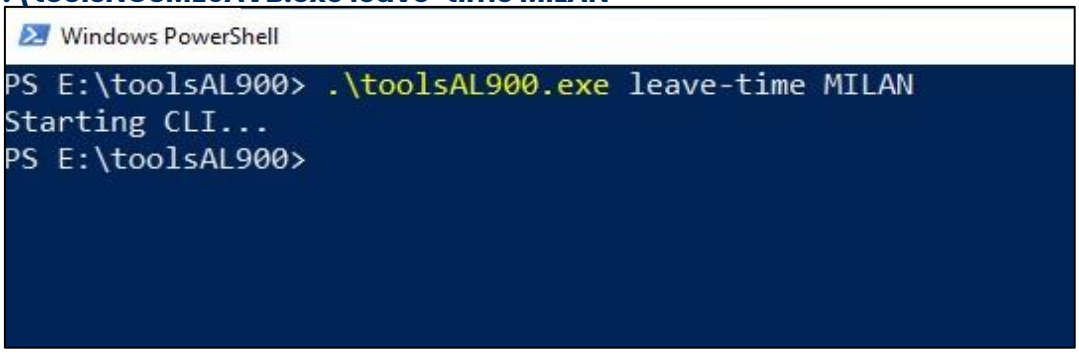
.\toolsNGSME9AVB.exe leave-time



.\toolsNGSME9AVB.exe leave-time AVNU

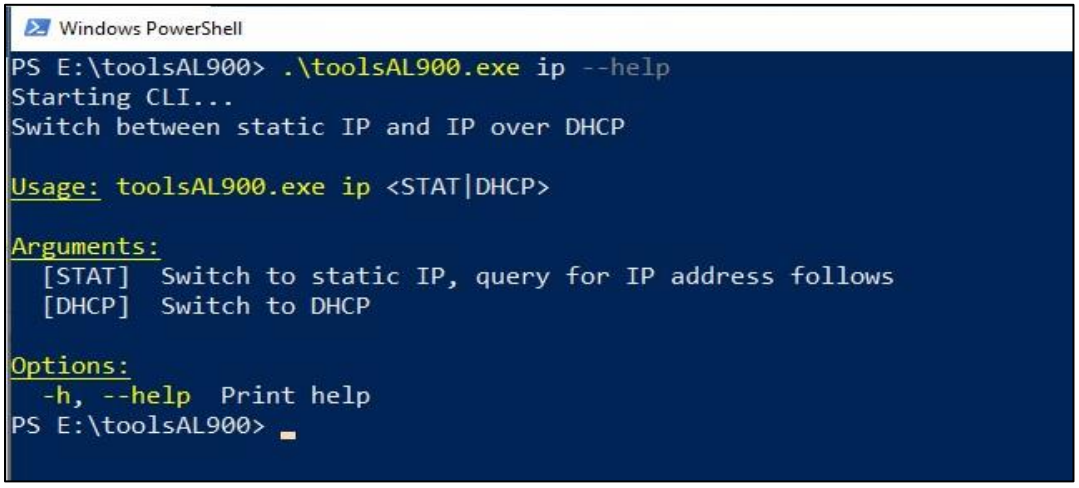


.\toolsNGSME9AVB.exe leave-time MILAN

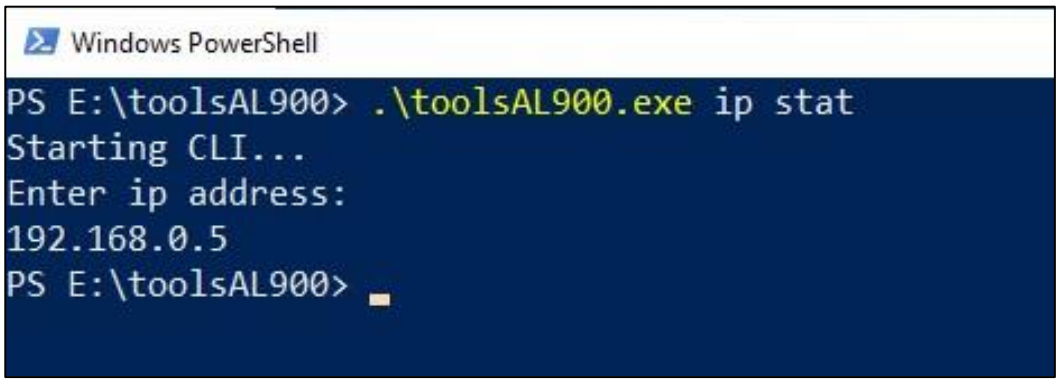


IP address

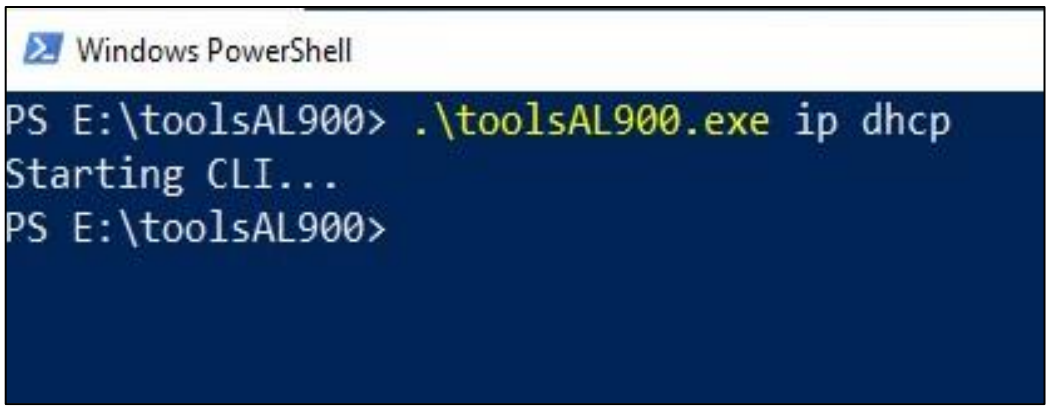
.\toolsNGSME9AVB.exe ip



.\toolsNGSME9AVB.exe ip stat

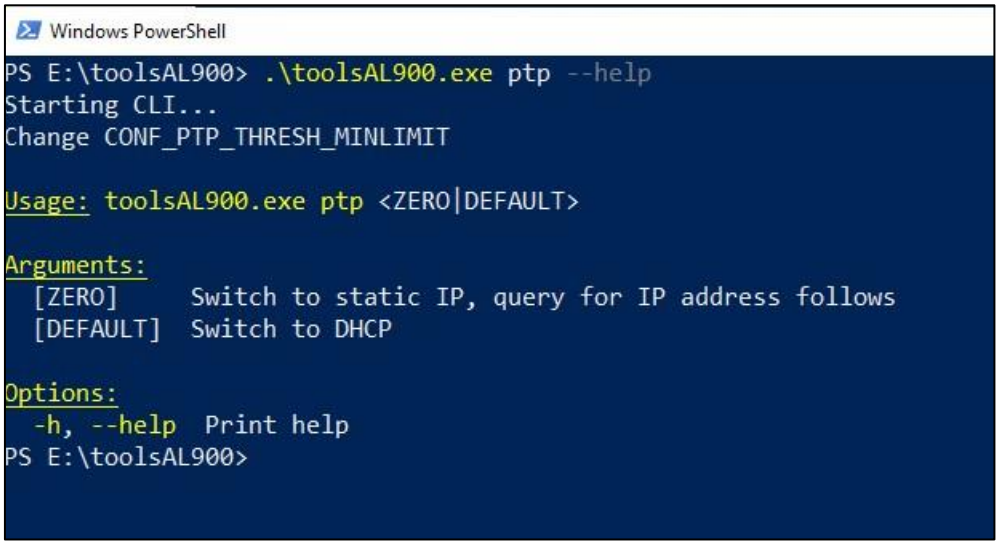


.\toolsNGSME9AVB.exe ip dhcp

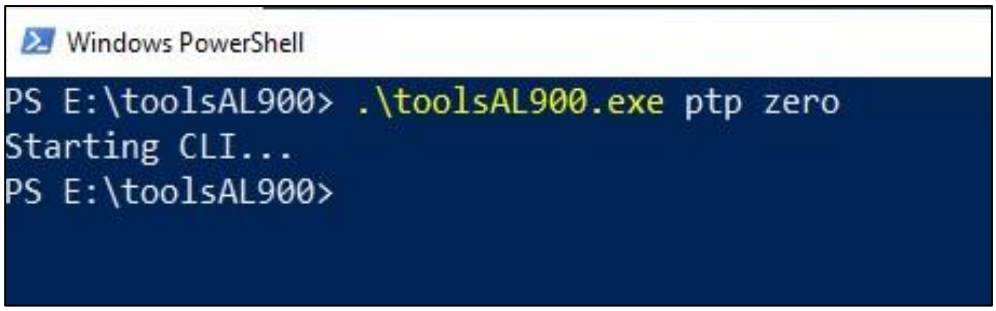


PTP minimum threshold

.\toolsNGSME9AVB.exe ptp



.\toolsNGSME9AVB.exe ptp zero



.\toolsNGSME9AVB.exe ptp default

