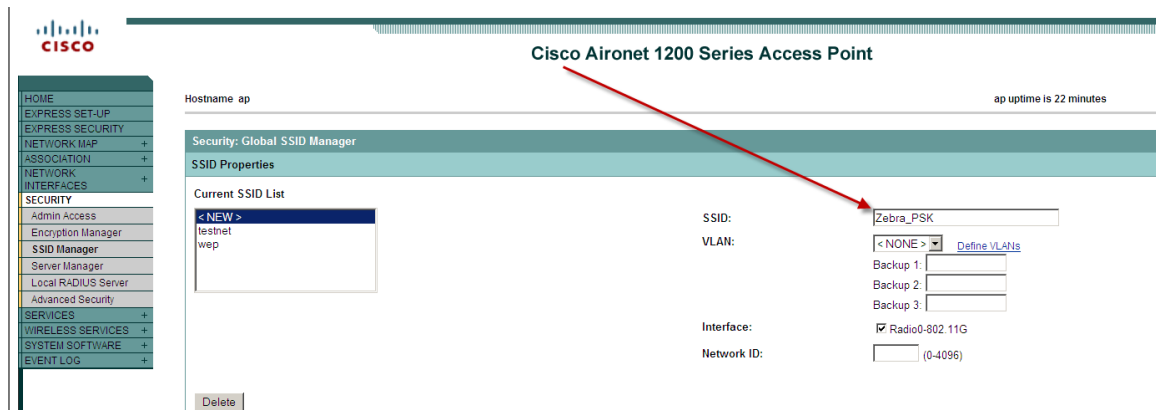


# Zebra Setup Utility, Zebra Mobile Printer, Cisco Access Point, WPA-PSK, WPA-2 PSK

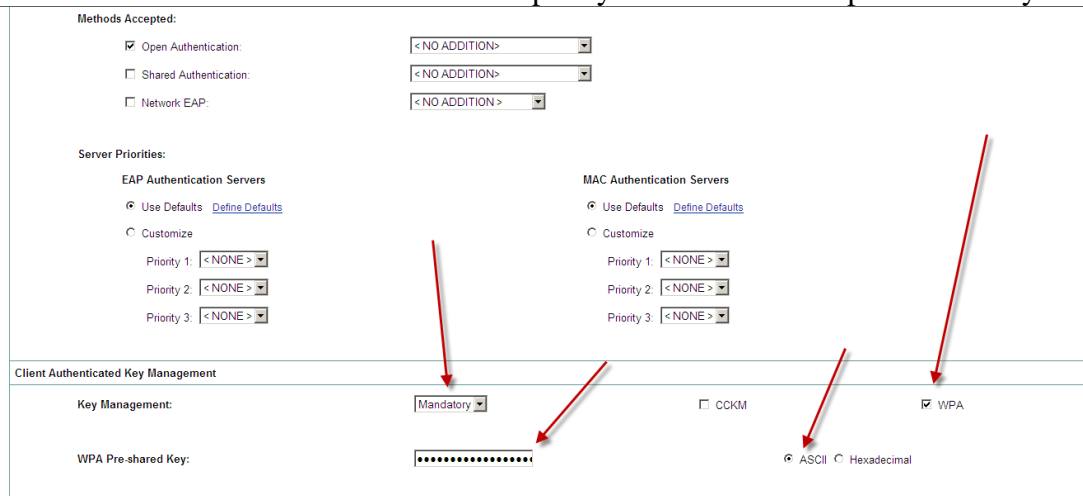
This document is meant as an illustration only. Questions on the setup of your Cisco Access Point should be directed to Cisco. It should be Cisco that is used to determine if the illustration below is appropriate for your environment.

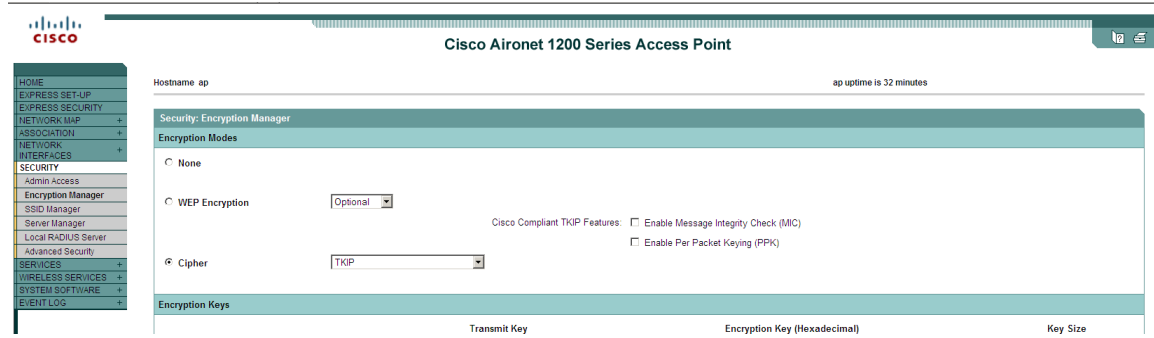
The first series of screenshots shows how a Cisco Access Point can be configured for WPA-PSK or WPA2-PSK

In this example the ESSID has been configured as “Zebra\_PSK” Please note that ESSID’s are case sensitive.

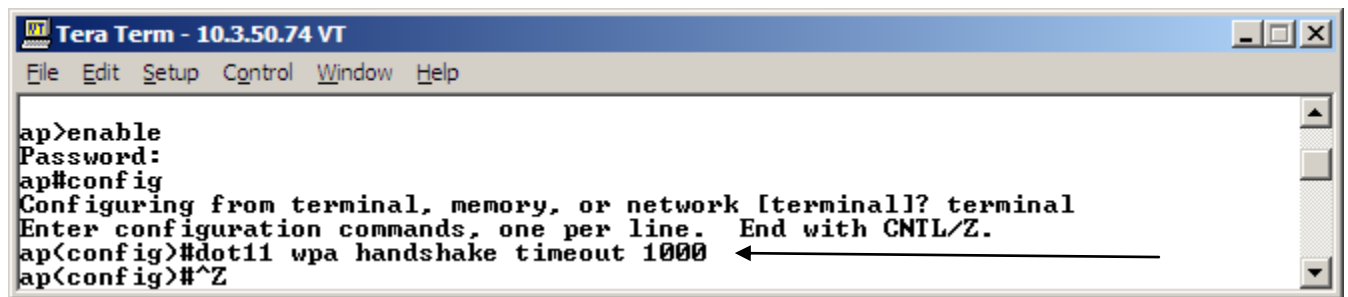


The next screenshot illustrates where one can specify WPA and enter a pre-shared key.

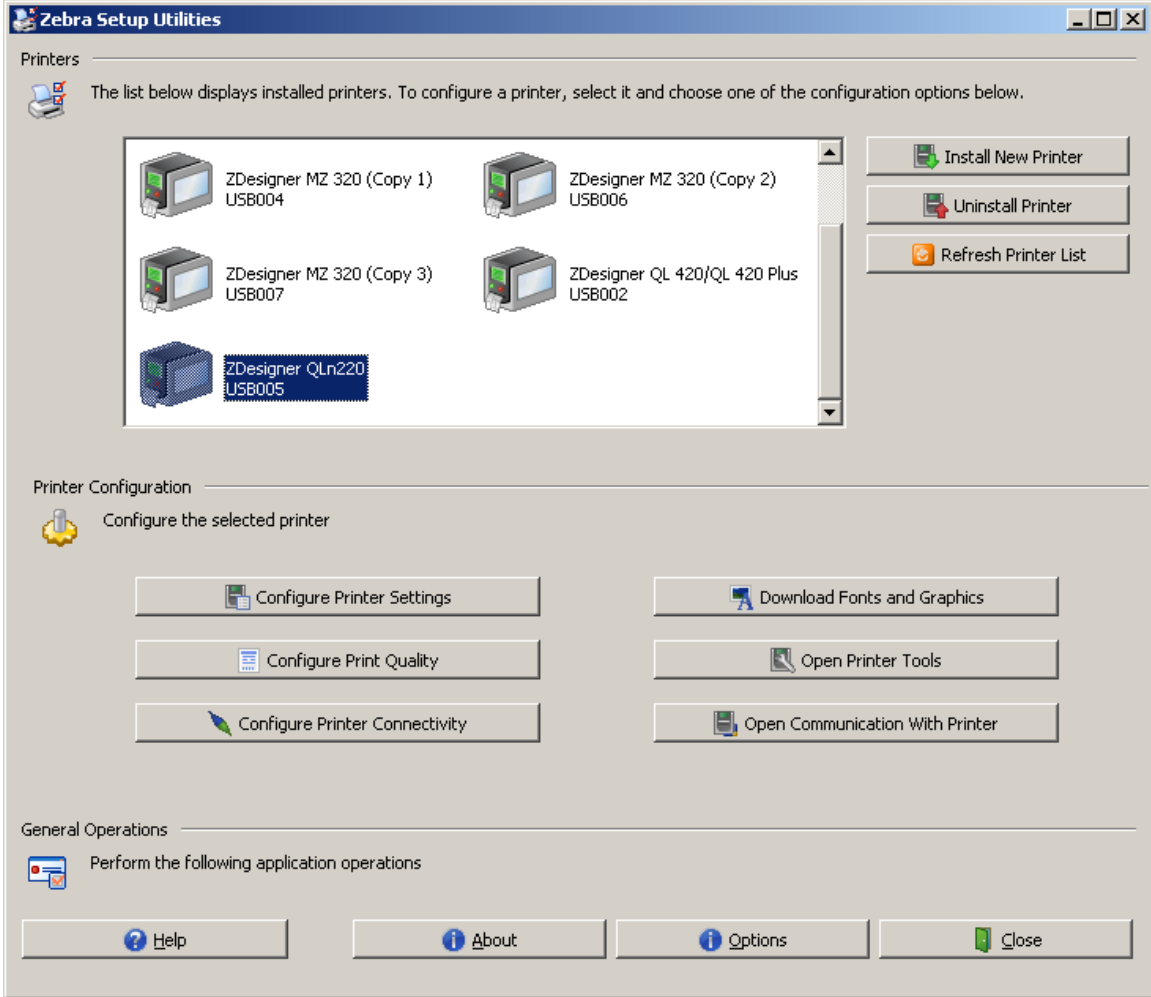


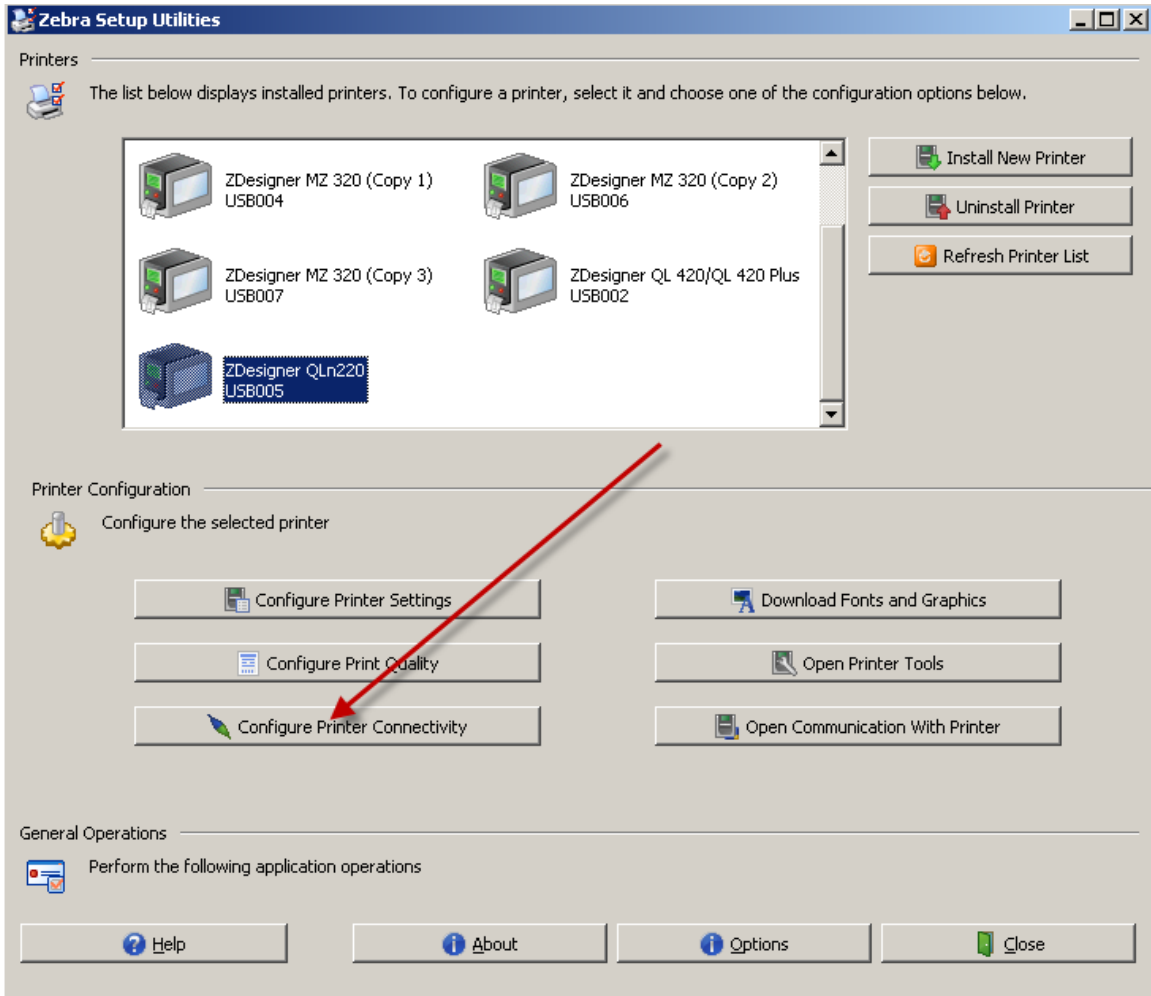


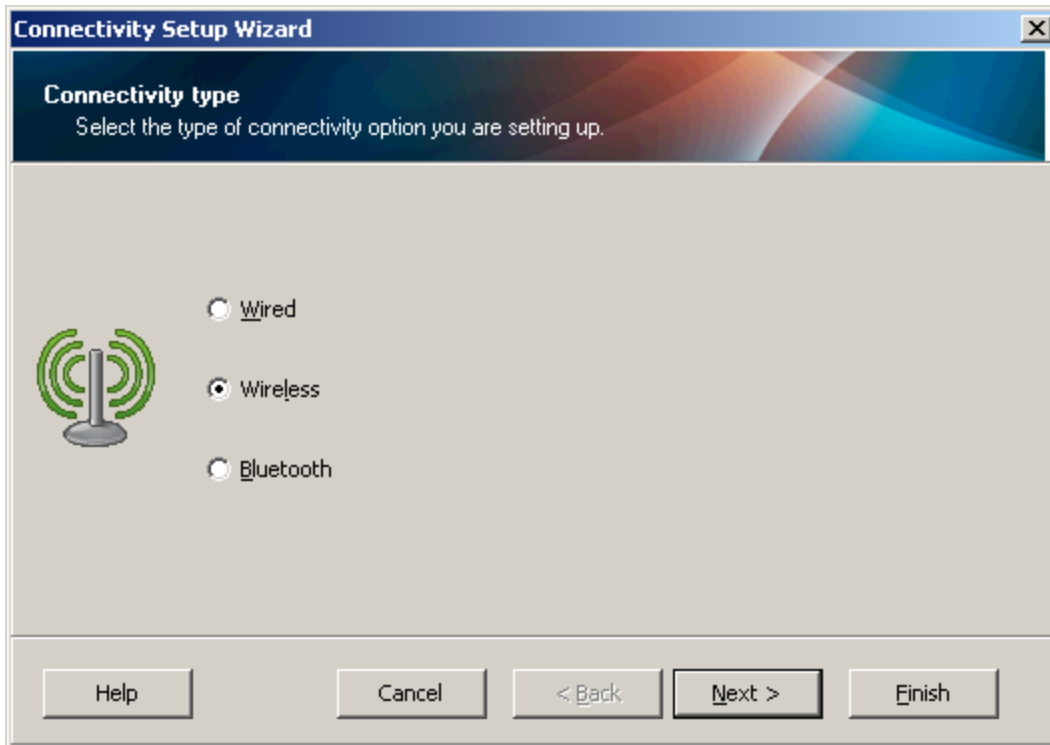
In this illustration, I have set the wpa handshake timeout to a value of 1000



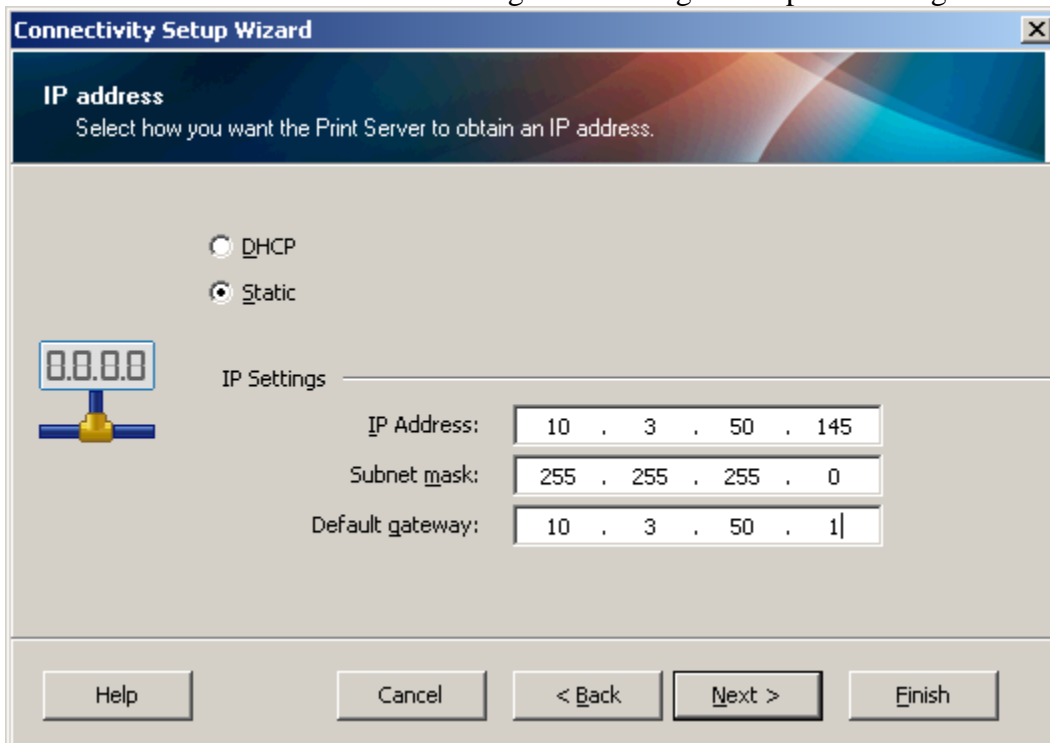
The screenshots below illustrate how one can utilize the Zebra Setup Utility to configure the mobile printer for WPA-PSK or WPA2-PSK







The screenshot below illustrates a configuration using static Ip addressing.



The screenshot below shows where the ESSID is entered and the security method is chosen.

**Connectivity Setup Wizard** [X]

**Wireless settings.**  
Define wireless settings.

Please enter your wireless settings below. Settings for selected security mode will be configured on the following page.

 ESSID:  Security mode:  Security username:  Security password:

All security options may not be available in your printer. Please refer to the Wireless Print Server and Wireless Plus Print Server User Guide for supported security protocols.


Since I have used an ASCII passphrase on my Cisco Access Point, I have chosen an ASCII passphrase to match that of the passphrase on the Cisco Access Point.

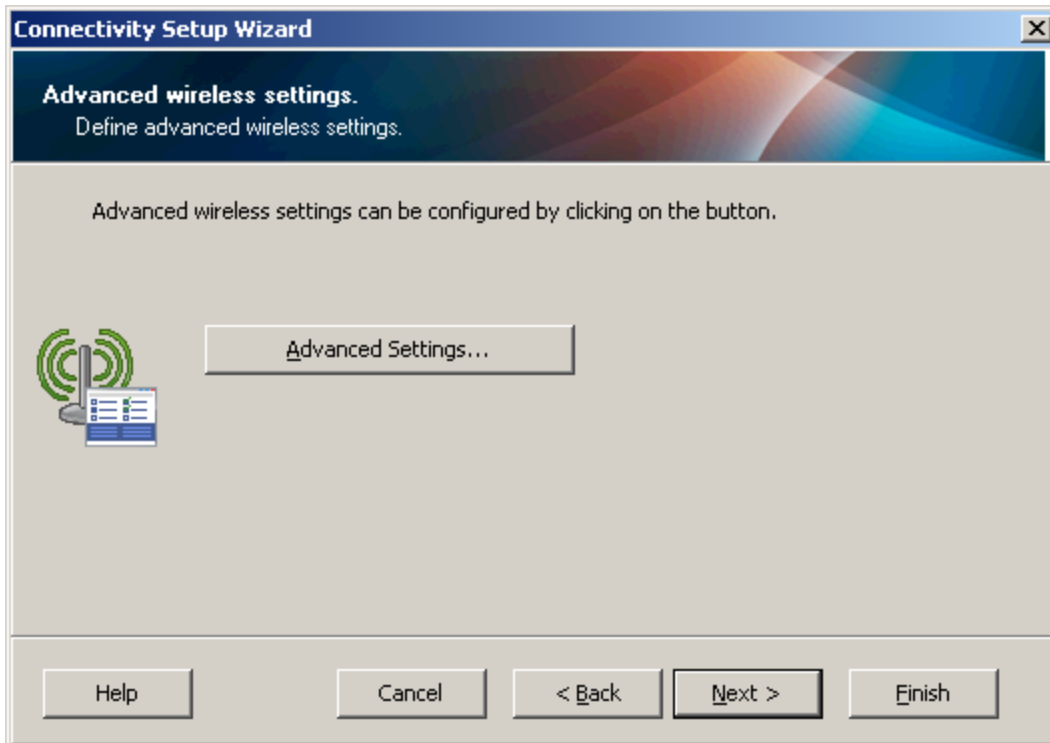
**Connectivity Setup Wizard** [X]

**Security settings.**  
Define detailed wireless security settings.

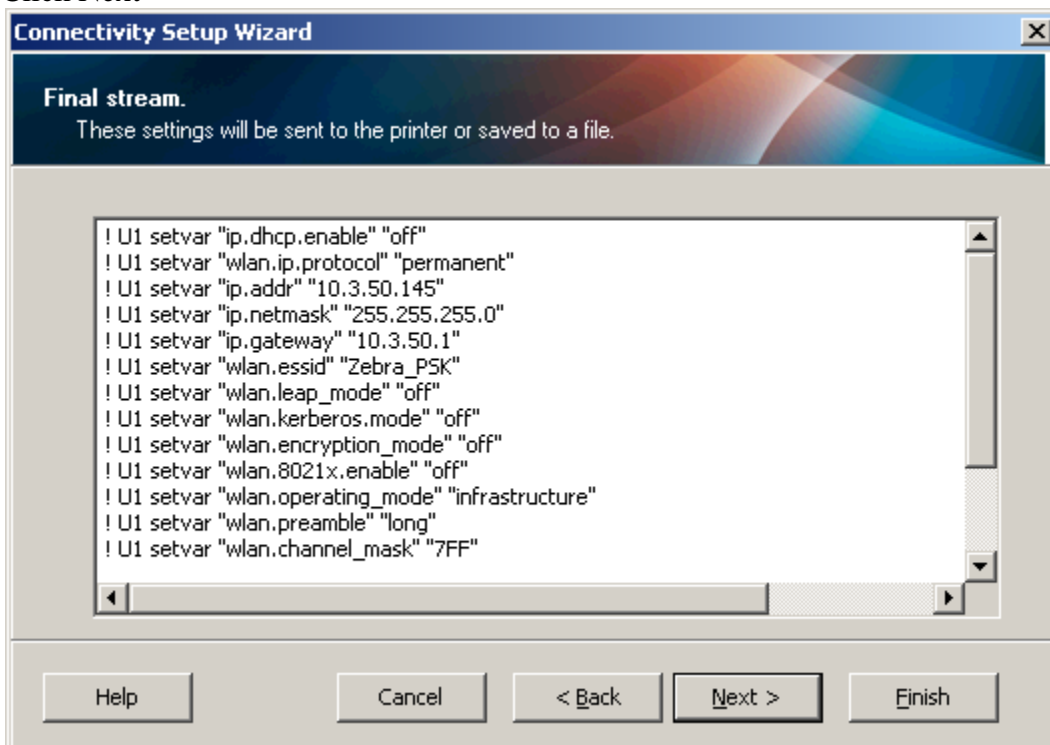
WPA Settings

PSK Type:  Hex  String  
PSK name:

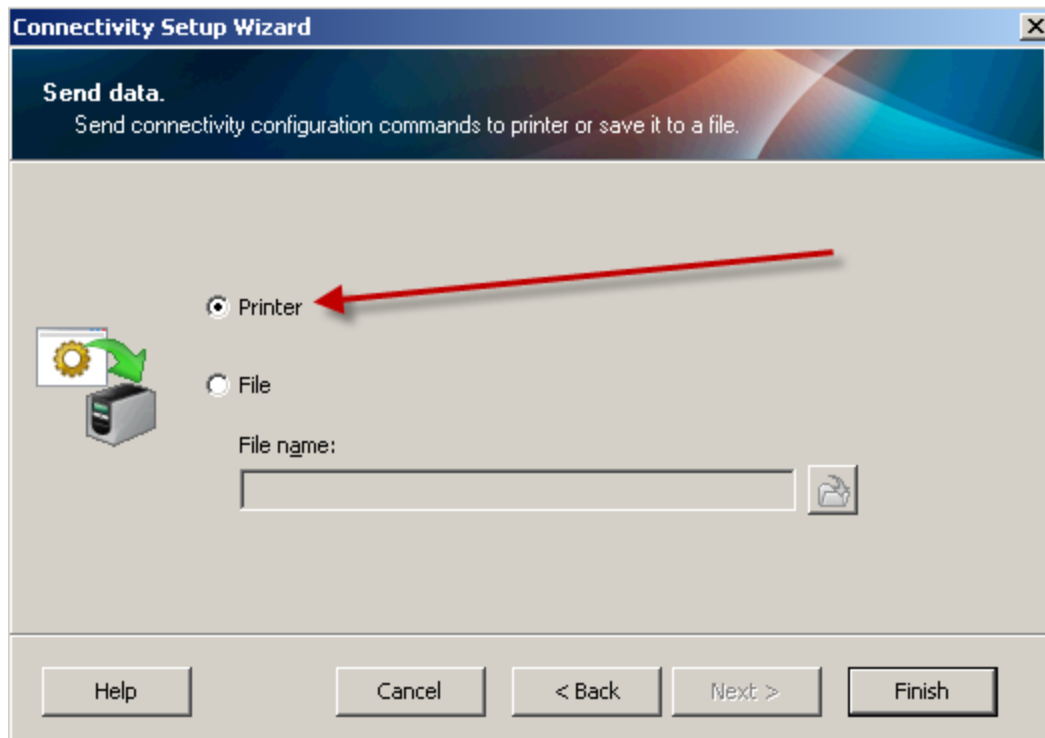




Click Next



The commands being sent to the printer are displayed in this window.



If you choose “Printer” as shown above, the commands that were generated will be sent to the printer and the printer will reboot.

The commands can be sent to a file if “File” is chosen.

The following screenshots show how the Cisco Access Point can be used to verify the connection has been successful.

**CISCO** Cisco Aironet 1200 Series Access Point ap uptime is 40 m

Hostname ap

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**Home: Summary Status**

[Association](#)

[Clients: 1](#) [Repeaters: 0](#)

[Network Identity](#)

IP Address: 10.3.50.74  
 MAC Address: 000c.309d.449e

[Network Interfaces](#)

Interface	MAC Address	Transmission Rate
<a href="#">FastEthernet0</a>	000c.309d.449e	100Mb/s
<a href="#">Radio0-802.11G</a>	0015.62db.0470	54.0Mb/s

[Event Log](#)

Time	Severity	Description
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**Cisco Aironet 1200 Series Access Point** ap uptime is 41 minutes

Hostname: ap

Association

Clients: 1      Repeaters: 0

View:  Client  Repeater Apply

Radio0-802.11G

SSID Zebra\_PSK:

Device Type	Name	IP Address	MAC Address	State	Parent	VLAN
unknown	NONE	10.3.50.145	0019.705b.4ef7	Associated	self	none

Refresh

**Cisco Aironet 1200 Series Access Point** ap uptime is 42 minutes

STATISTICS      PINGLINK TEST

Hostname: ap

Association: Station View: Client

Station Information and Status

MAC Address	0019.705b.4ef7	Name	NONE
IP Address	10.3.50.145	Class	unknown
Device	unknown	Software Version	NONE
CCX Version	NONE		
State	Associated	Parent	self
SSID		VLAN	
Hops To Infrastructure	1	Communication Over Interface	Radio0-802.11G
Clients Associated	0	Repeaters Associated	0
Key Mgmt type	WPA PSK	Encryption	TKIP
Current Rate (Mb/sec)	36.0	Capability	ShortHdr ShortSlot
Supported Rates(Mb/sec)			1.0, 2.0, 5.5, 11.0, 6.0, 9.0, 12.0, 18.0, 24.0, 36.0, 48.0, 54.0
Voice Rates(Mb/sec)	disabled	Association Id	1
Signal Strength (dBm)	-70	Connected For (sec)	212
Signal to Noise (dBm)	26	Activity TimeOut (sec)	60
Power-save	On	Last Activity (sec)	0
Apsd DIE AC(s)	NONE	Posture Token	
Session TimeOut (sec)	0	Reauthenticate In (sec)	Never