# **Appendix C**

# Accessing a Network Printer via a Web Browser

## Introduction

If the ZXP Series 1 Card Printer is connected to a local Ethernet network, it can be accessed via a Web Browser. This section describes how to access the printer's web page using a computer connected to the network.

### **Procedure**

- Step 1. Start your Web Browser.
- **Step 2.** In the browser address bar, enter the IP address of the ZXP Series 1 Card Printer connected to the local Ethernet network. You can get the IP address by checking the printer configuration; see *Viewing Printer Information* on page 20 for details.
- **Step 3.** When the *Device Status* screen appears, click on the Network Settings tab (arrow below).

1 Carlos				-	BR-F 330
					W He
Status		Device St	atus		
			Device Status	System	n Status
	USB Device Information				[Refresh]
System	USB Device	Manufacturer Name	USB Speed	Connected PC	Duration (HA(SEC)
Information	SDI010 Smart Card Reader	SCM Microsystems Inc.	Full Speed	Not Connected	-
	ZXP31	ZEBRA	Full Speed	Not Connected	-
	Printer Information				
	Printer Name		Ra	w Port No.	
	ZNP31		91	00	

Important • For the next step, the *User name* = admin; and the *Password* = 1234.

**Step 4.** When the Windows Security dialog box appears, type the *User name* (admin) and *Password* (1234); and click on the OK button.

Vindows Securit	, <b>—</b> ×
The server 10.1	.25.20 at ZBR-ESB00 requires a username and password.
Warning: This sent in an inse connection).	server is requesting that your usemarne and password be cure manner (basic authentication without a secure
	User name
	Remember my credentials
	UK Cancel

**Step 5.** Select the desired option tab in the left-land column:

#### Status:

Device Status

ALLE.				z	BR-PS300
Zebra					@ Help
Statue		Device St	atus		
			Device Status	System	n Status
abreads faitings	USB Device Information				[Refresh]
System	USB Device	Manufacturer Name	USB Speed	Connected PC	Duration
Information	SDI010 Smart Card Reader	SCM Microsystems Inc.	Full Speed	Not Connected	-
	ZXP31	ZEBRA	Full Speed	Not Connected	2
	Printer Information				
	Printer Name		Ra	w Port No.	
	and M		210	~	
					-

Device Status Tab shows the network-connected USB Device Information and Printer Network Configuration Information.

- USB Device: Displays the internal USB device name of the printer detected. When an internal USB device name cannot be detected, it will be displayed as ProductID (PID[0xXXXX]).
- Manufacturer Name: Displays the internal manufacturer name of the printer detected when connected from the USB device. When printer name cannot be detected, it will be displayed as VendorID (VID[0xXXXX]).

System Status



Host Name

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- Displays the HostName of the printer.
- IP Address Displays the printer IP address.
- Subnet Mask Displays the printer subnet mask.
  - Default Gateway Displays the printer default gateway.
- DHCP/BOOTP Server Displays the IP address of a DHCP/BOOTP server when an IP address of the printer is assigned by the DHCP/ BOOTP server.
  - Lease Time (sec.) Displays the lease time when an IP address of the printer assigned by the DHCP BOOTP server.
  - mDNS Service Name Displays the current mDNS Service Name of the printer.
- mDNS Domain Name Displays the current mDNS Domain Name of the printer.
  - LAN Interface Displays the Link status of the printer.
- Primary WINS Server Displays the IP address of a WINS Primary Server of the printer.
- Secondary WINS Server Displays the IP address of a WINS Secondary Server of the printer.
- NetBIOS Scope ID Displays the Scope ID of the printer.

#### **Network Settings:**

Network Settings

obra				
				@ Help
tue C		Network	c Settings	
			Network Settings	Security
Tentings	liem	Value	Instruction	
term	Host Name	ZBR47543A	15 letters[max.]	
sation	DHCP/BOOTP	ENABLE .	Select one	
	IP Address	0.0.0.0	IP address	
	Subnet Mask	0000	IP address	
	Default Gateway	0.0.0.0	IP address	
	Network PnP	ENABLE -	Select one	
	mDNS	ENABLE -	Select one	
	mDNS Service Name	ZBR47543A	63 letters[max.]	
	LAN Interface	AUTO *	Select one	
	Primary WINS Server	0.0.0.0	IP address	
	Secondary WINS Server	0.0.0.0	IP address	
	NetBIOS Scope ID		223 letters[max.]	

•	Host Name	Configure the Host Name of the printer. The name set here is used with WINS and Utility, etc. The name must be different from those of other network devices.
•	DHCP/BOOTP	Enable/Disable the function to get the IP address from the DHCP/BOOTP server when the printer is turned on. To get the IP address of this printer from the DHCP/BOOTP server, the DHCP/BOOTP service must be turned on.
•	IP Address	Configure the IP address on this printer. The value must be configured in the format of a four-part series of numbers separated by decimal points, such as xxx.xxx.xxx.
•	Subnet Mask	Configure the subnet mask on the printer. The value must be configured in the format of a four-part series of numbers separated by decimal points, such as xxx.xxx.xxx.
•	Default Gateway	Configure the gateway IP address on this printer. The value must be configured in the format of a four-part series of numbers separated by decimal points, such as xxx.xxx.xxx. The gateway must be in the network where this printer exists.

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Network PnP Enable/Disable the Network PnP function	tion.
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- mDNS Enable/Disable the mDNS function (Apple Bonjour function).
  - mDNS Service Name Configure the mDNS Service Name of this printer. This name is displayed when the printer is searched in the network using the Apple Bonjour function. The name must be unique within the network.
- LAN Interface Configure the physical network type. AUTO is recommended. If the Link LED on the hub is not turned on when you turn on this printer, change the network type to the network type of the hub.
  - Primary WINS ServerAssign the WINS server's address (primary). The WINS<br/>server will resolve the IP address from the host name.<br/>Therefore you can use a hostname instead of the IP<br/>address when communicating via TCP/IP.
- Secondary WINS Server
  Assign the WINS server's address (secondary). The WINS server will resolve the IP address from the host name. Therefore you can use a hostname instead of the IP address when communicating via TCP/IP.
  NetBIOS Scope ID
  The NetBIOS Scope ID defines the computer group that
  - IOS Scope IDThe NetBIOS Scope ID defines the computer group that<br/>recognized the registered host name. All computers which<br/>have the same Scope ID can recognize each other.

#### Security

<b>E.</b>				ZBR-PS300
Zebra				() Help
Status	(	Se	curity	
100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100			Network Settings	Security
and Branings	Item	Value	Instruction	
System formation	IP Filter Mode	DENY ·	Select one	
	Item	Start Address	End Address	
	Filter#0	0.0.0.0	0.0.0.0	
	Filter #1	0.0.0.0	0.0.0.0	
	Filter #2	0.0.0.0	0.0.0.0	
	Filter #3	0.0.0.0	0.0.0.0	
	Submit Reset			

•	IP Filter Mode	Configure the IP filter operations. Available options are ALLOW and DENY. If you select ALLOW, only the data from the configured IP address range can be accepted. If you select DENY, the data from the configured IP address range cannot be accepted.
•	Start Address (Filter#0-#3)	Configure the start address of the IP filter. The value must be configured in the format of a four-part series of numbers separated by decimal points, such as xxx.xxx.xxx.xxx.
•	End Address (Filter#0-#3)	Configure the end address of the IP filter. The value must be configured in the format of a four-part series of numbers separated by decimal points, such as xxx.xxx.xxx.xxx.

#### **System Information:**

System Information

(COL)					ZBR-PS300
Zebra					Help
Statue		Syst	em Information		
	System Information	Passweed	Reset	Log	Update
and tarting.	Item		Contents		
	MAC Address		00:80:92:47:54:3A		
System	Finnware Version		1.0.2		
	URL		Zebra Technologies		
				_	

MAC Address

Displays the MAC address of this printer.

- Firmware Version
- URL

Displays the firmware version of this printer.

Jumps to the Global Site of Zebra Technologies. You can view FAQ and get latest software from Zebra Technologies' Web site at <u>http://www.zebra.com</u>.

Password

1994 B					ZBR-PS300
Zebra					@ Help
Status	(	P	assword		
	System Information	Passweed	Reset	Log	Update
	ltem	Value	Instruction		
System	New Password		7 lettersimax	(Password)	
efformation	Re-enter New Password				
	S.Arel Reed				
	[Sdott] Reed				
Ļ	Schott Renet				

- New Password Configure the administrator password in ASCII characters (up to 7 characters). This is used as the authentication password for configuration changes via the Web page.
- Re-enter New Password Re-enter the new password.

Reset



• Reboot

Reboot this printer by clicking Start.

• Reset to Factory Default

Reset this printer to factory default settings, and reboot by clicking Start.

Log

106.							<b>ZBR-PS300</b>
Zebra							() Help
Status	(			Log			
	Syst	em Information	Passweed		Reset	Log	Update
and Raisings	1.00 1						10.6.11
	All Logs	Except		INP Danina			[ Accresit ]
System	00.00.10	Host not used		VP11			10.1.25.30
formation	00:00:10	Fortured		TYPU			10 1 25 20
	00-00-10	LISB Connect		XP11			None
	00:00:07	USB Connect	-	Childin Smart C	and Reader		None

•	Time	Displays the time when a PC is connected to or
		disconnected from a networked USB device. The time
		displayed will be the elapsed time since this printer is
		turned on.

- Event Displays the PC event history. (Connect/Disconnect)
  - USB Device Displays the USB device that is used.
- Connected PC Displays the IP address of a PC that is connected to a USB device.

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Update

Zebra	ZBR-PS3					
					@ Help	
Statue	Update					
and familing	System Information	Password	Reset	Log	Update	
	Firmware File					
Sormation				DIOW	150	
	Submit Reset					
	Submt Reset			6		
	Submit Reset					

- Firmware File Update the firmware. Specify the file path for the firmware to be updated. Note that this update is the ZBR-PS300 firmware, not the Printer firmware.
- **Step 6.** When done, close the browser by clicking on the red X-button in the upper-right corner of the browser screen.