

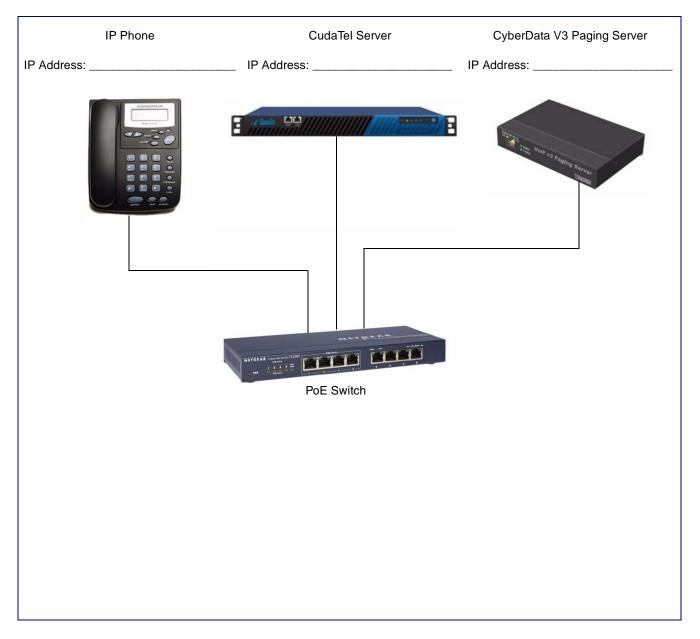


V3 Paging Server CudaTel Server Setup Guide

1.0 Setup Diagram

Figure 1 is a setup diagram for a single V3 Paging Server configuration. In this configuration, the V3 Paging Server acts as a standalone SIP telephony device.

Figure 1. Setup Diagram



2.0 Host Environment

Table 1. Host Environment Details

	Description		
Hardware Type			
Hardware Version			
Software Type			
Software Version			

3.0 Test Setup Equipment

Table 2. Test Setup Equipment

Equipment	Model	Version
V3 Paging Server		
Notes:		
IP (SIP) Phone		
Notes:		
PoE Switch		
Notes:		

4.0 Setup Procedure

This solution applies to The Cyberdata line of devices when connecting to Cudatel Communication Servers.

Note The Cyberdata line of devices are not currently provisioned by the Cudatel. They can, however, be configured to register to the Cudatel as a generic SIP device. This can be accomplished in a few steps.

4.1 From the CudaTel

- 1. Navigate to Extensions > People (Figure 2), and create a user account for the device. Barracuda recommends using a recognizable username (i.e. paging system1) and disabling voice-mail.
- 2. Scroll down to the section of the properties page labeled **Phones** and click **Add a Phone**. See Figure 2.
- 3. Select Generic SIP Device and click the button labeled Add Phone.
- 4. Click on the new phone on the **Properties** and select **Phone Information**.
- 5. Click on the extension number on the left side of the window.

Figure 2. Configuration Page

🗸 🖌 GUDATE	E III / III Contractor Configuration	
Extensions	(BACK x30040 - CyberData Paging Gateway Rename, Change Primary Extension,	Delete, Impersonate HELP
People	Contact Information Las	Groups The llst is empty
Inbound Call Queues Call Parking Extensions	There is no contact information associated with this person yet. Show this person in Contact Directory searches Apply	Join a Group
Multi-User Conferences Automated Attendants Unassigned Phones All Extensions	Voice Mail Disable Voice Mail Disable Voice Mail Disable Voice Mail Change PIN/Password Enter a new PIN (at least four digits) in both boxes. Change PIN/Password Uncernally Change PIN Do not serve Amalled voicemail Change Statistics	Call Recording Policy Record calls and save for days. Send to Email Address: Deperator Extension When the user dials "0". transfer to: Address: Ad
	Phones Add a Phone CyberData's SIP Device 1195 Secondary Numbers and Extensions Secondary numbers and extensions will be forwarded to the main extension (x30040). Add Number Secondary Extensions and Numbers Valid extension ranges: 30000-39998 Next Free Extension (*) Valid extension ranges: 30000-39998 Next Free Extension (*) Valid extension selected	

Extensions > People

Add a Phone

4.2 From the SIP Device/Client

- 1. Enter the IP address of the device into your web browser. Please refer to the product documentation for instructions on obtaining the device's IP address.
- 2. Log in to the device using the login and password. The default is admin/admin.
- 3. Click on the **SIP Config** navigation button on the left sidebar.
- 4. On the SIP Configuration page, check the box labeled Enable SIP Operation. See Figure 3.

Figure 3. SIP Configuration Page

Су	berData v3 Pagi	ng Server	
Home	SIP Configuration		
Device Config	Enable SIP operation: 🗹 (Registered with SIP Se	erver)	
SIP Config	SIP Server: Backup SIP Server 1:	10.0.1.17	
Nightringer	Backup SIP Server 2: Remote SIP Port: Local SIP Port:	5065	
Fault Detection	Outbound Proxy: Outbound Proxy Port:		
PGROUPs Config	SIP User ID: Authenticate ID:	201	
Event Config	Authenticate Password:		
Autoprovisioning	Register with a SIP Server: Re-registration Interval (in seconds):	360	
Update Firmware	Unregister on Reboot: Buffer SIP Calls:		
	Misc Settings RTP Port (even):	10500	
	* You need to reboot for changes to take effect Save Reboot		

- 5. Enter the IP address of the Cudatel server in the box labeled SIP Server.
- 6. Change the box labeled **Remote Port** to **5065**.
- 7. Enter the extension number in the box labeled **Sip User ID**.

- 8. Enter the Authorization ID in the box labeled Authenticate ID.
- 9. Enter the password in the box labeled Authenticate Password.
- 10. Click **Save**, and then click **Reboot** to activate settings.

The device will reboot and register to the Cudatel server.

4.3 Nightringer

Some devices support a nightringer extension. This is a separate extension from the default extension, which is used to provide overhead ring only. This extension will not be answered by the device.

- 1. Enter the IP address of the device into your web browser. Please refer to the product documentation for instructions on obtaining the device's IP address.
- 2. Log in to the device using the login and password. The default is admin/admin.
- 3. Click on the Nightringer navigation button found on the left sidebar.
- 4. Check the box labeled Enable Nightringer. See Figure 4.

Figure 4.	Nightringer	Configuration	Page
-----------	-------------	---------------	------

	Nightringer Configuration	
Home	Night inger configuration	
Device Config	Enable Nightringer: 🗹 (Registered with SIP Serv	ver)
Networking	Nightringer Settings	
Networking	SIP Server:	10.0.1.17
SIP Config	Remote SIP Port:	5065
	Local SIP Port:	
Nightringer	User ID:	300
Fault Detection	Authenticate ID:	300
T duit Detection	Authenticate Password:	
PGROUPs Config	2	
	Re-registration Interval (in seconds):	360
Audio Config		
Event Config	Relay rings to multicast: Multicast Address:	224.1.2.32
	Multicast Address: Multicast Port:	224.1.2.32
Autoprovisioning	Multicast Port:	2020
Undate Cimerce		
Update Firmware		

- 5. Enter the IP address of the Cudatel server in the box labeled **SIP Server**.
- 6. Change the box labeled **Remote Port** to **5065**.
- 7. Enter the extension number in the box labeled **Sip User ID**.
- 8. Enter the Authorization ID in the box labeled Authenticate ID.
- 9. Enter the password in the box labeled Authenticate Password.
- 10. Click **Save**, and then click **Reboot** to activate settings.