

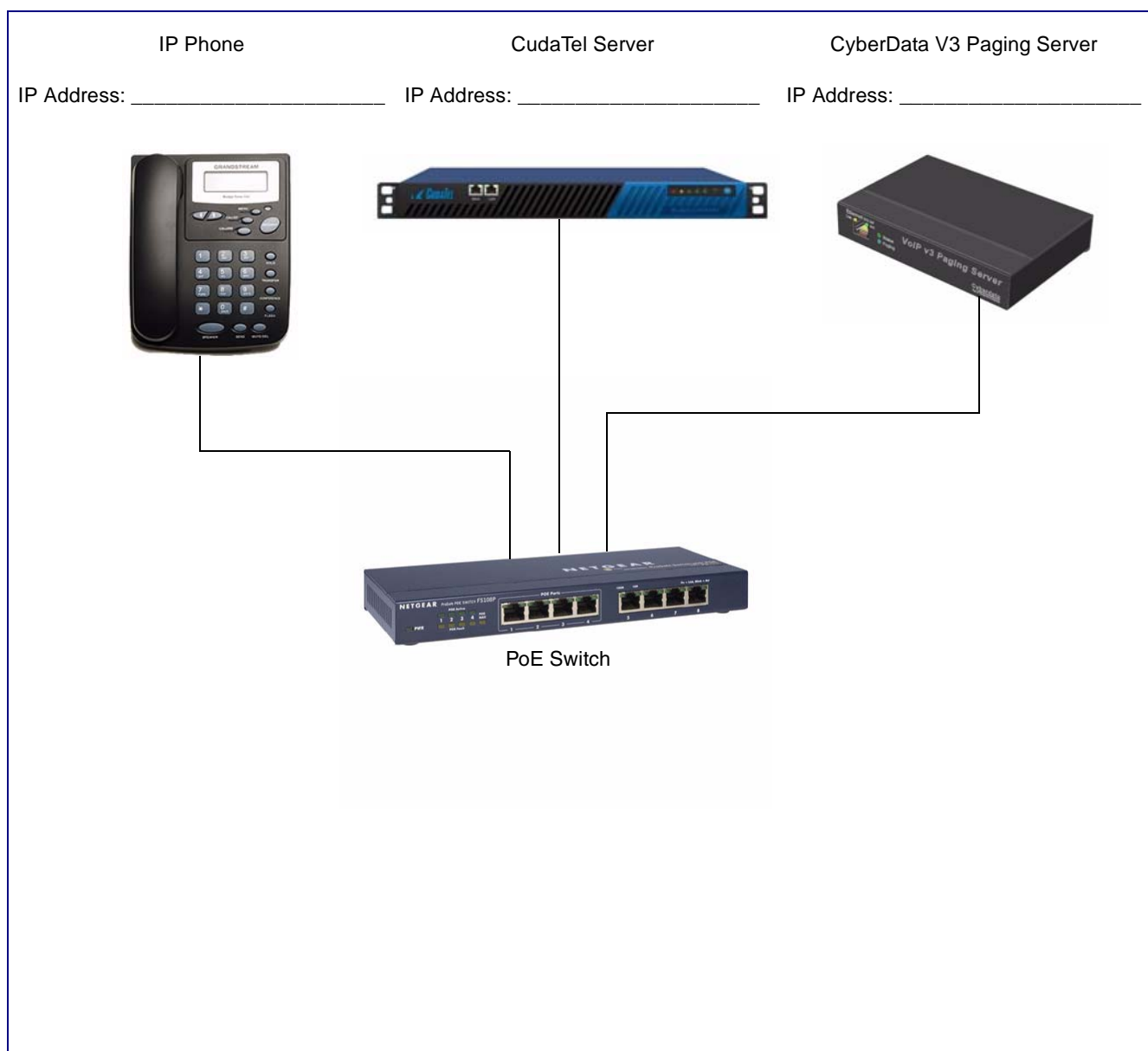


V3 Paging Server CudaTel Server Setup Guide

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:		
Notes:		
Notes:		
Notes:		

4.0 Setup Procedure

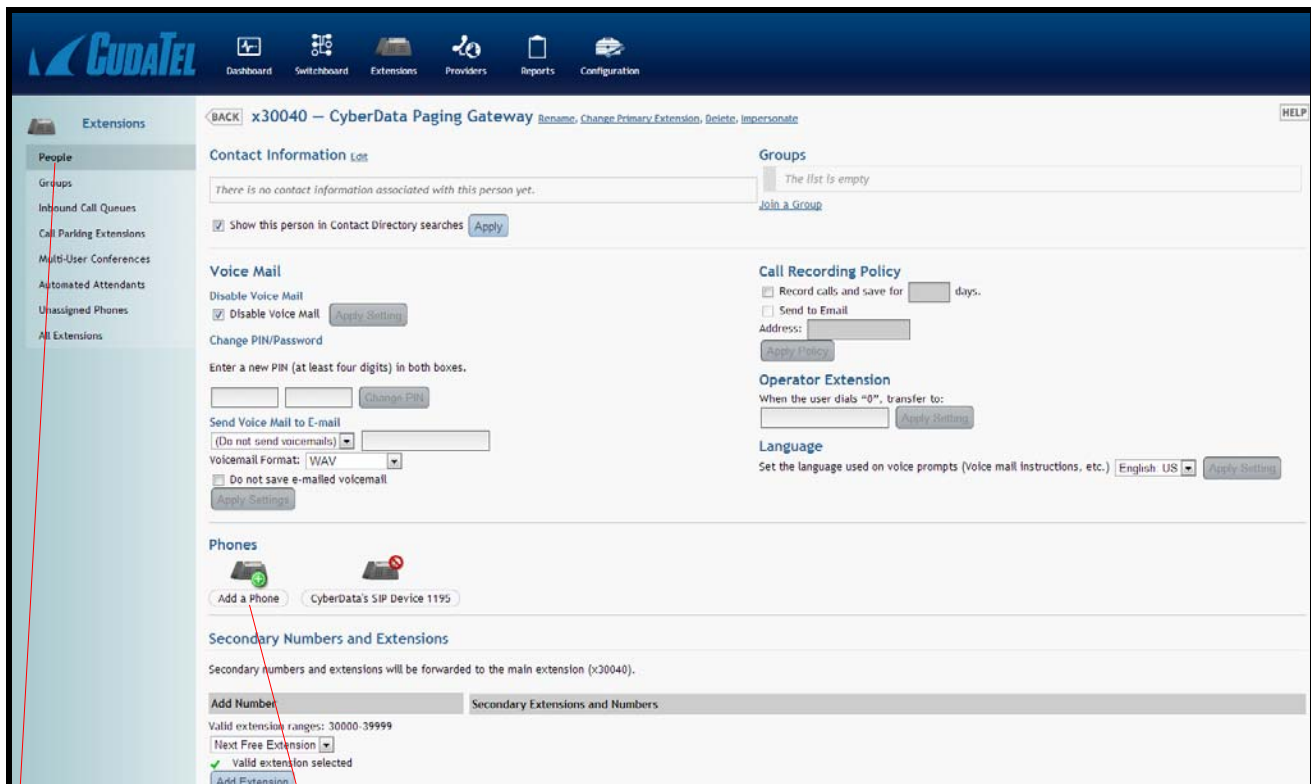
This solution applies to The Cyberdata line of devices when connecting to Cudatel Communication Servers.

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



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

CyberData v3 Paging Server

SIP Configuration

Enable SIP operation: (Registered with SIP Server)

SIP Settings

SIP Server: 10.0.1.17

Backup SIP Server 1:

Backup SIP Server 2:

Remote SIP Port: 5065

Local SIP Port: ----

Outbound Proxy:

Outbound Proxy Port: 0

SIP User ID: 201

Authenticate ID: 201

Authenticate Password:

Register with a SIP Server:

Re-registration Interval (in seconds): 360

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

CyberData v3 Paging Server

Home | **Nightringer Configuration**

Device Config | Enable Nightringer: (Registered with SIP Server)

Networking | Nightringer Settings

SIP Config | SIP Server: 10.0.1.17

Nightringer | Remote SIP Port: 5065

Fault Detection | Local SIP Port:

PGROUPS Config | User ID: 300

Audio Config | Authenticate ID: 300

Event Config | Authenticate Password:

Autoprovisioning | Re-registration Interval (in seconds): 360

Update Firmware | Relay rings to multicast:

Multicast Address: 224.1.2.32

Multicast Port: 2020

* 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.