IPITOMY

SMARTER BUSINESS COMMUNICATIONS

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Branch Office Networking Guide

Branch Office

Branch Office is a powerful tool that is used to link up multiple PBX. By utilizing Branch Offices you are able to create direct extension dialing from one office location to another with a simple dialing prefix.

Configuring Router

The router should have a port forward for Port 4569 in order to allow the IAX protocol to pass from the WAN to the LAN IP of the PBX. If this is an IP1000 than all you need do is to make sure under Networking=>Security=>Firewall that "Allow Remote IAX clients" is checked. If you are performing the port forward than it should be set to allow both TCP and UDP traffic.

Configuring Office 1

1. Click on **Destinations** and **Branch Offices**. The Branch Offices page will appear.

2. Click on **Add Office**.

3. Give a unique **NAME** for the connection. It should be ONE WORD ONLY.

4. Type the External IP of the PBX for **HOST**.

5. Create a unique **DIALING PREFIX** for the extensions connected to the Office 1 PBX.

Edit Branch Office

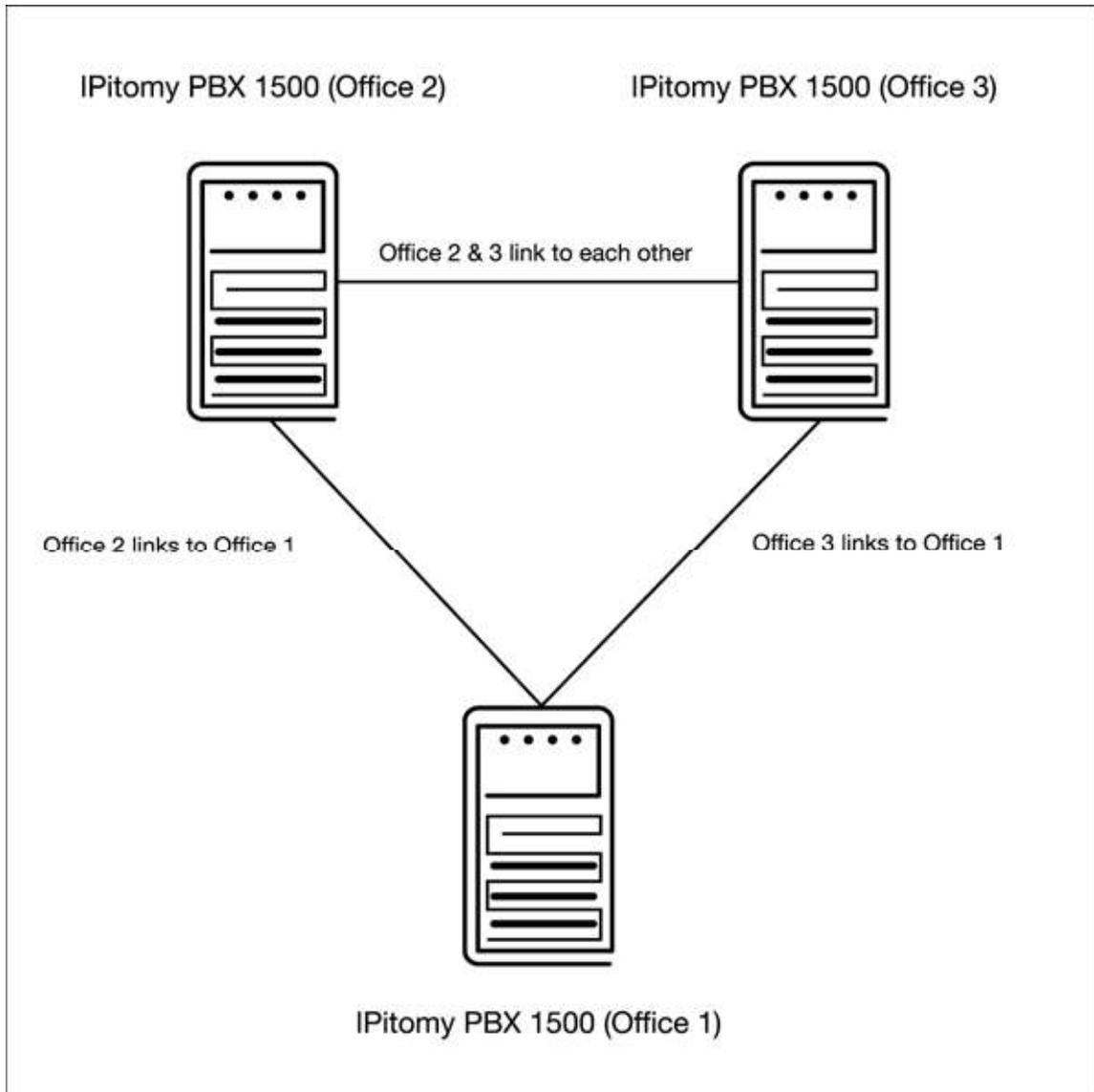|		
Name:	Sarasota	(one word only)
Host:	68.53.255.72	(dynamic or ip address)
Dial Prefix:	*12	
Password:	password	
Register:	No	
Enable Trunking:	Yes	
Qualify:	30000	

6. Give a unique **PASSWORD** for the connection.

7. Select No for **REGISTER**. (Note that registration is not required if host is known).

8. Select Yes to **Enable Trunking** to allow Office 2 to use Office 1's trunks for outbound routing.

9. Set **QUALIFY** at 0.

10. Click **Save Changes**

11. Click **Apply Changes**

Configuring Office 2

1. Click on **Destinations** and **Branch Offices**. The Branch Offices page will appear.

2. Click on **Add Office**.

3. **NAME** should match that given to the Office 1 PBX. The name should only contain alpha-numeric characters and no spaces. Again this is always ONE WORD ONLY.

4. **HOST** needs to be the external IP address or domain corresponding to the IP of the main office PBX.

5. Create a unique dialing prefix for the extensions connected to the Office 2 PBX.

6. **PASSWORD** needs to be the same as the one assigned in the Office 1 PBX.

7. Select No for **REGISTER**.

8. Select Yes to **Enable Trunking** to allow Office 1 to use Office 2's trunks for outbound routing.

9. Set **QUALIFY** at 0.

10. Click **Save Changes**

11. Click **Apply Changes**

To setup up multiple PBX's just follow the above pattern linking each PBX to each other and use a unique dialing prefix for each one.

IPitomy PBX 1500 (Office 2)   IPitomy PBX 1500 (Office 3)

Office 2 & 3 link to each other

Office 2 links to Office 1   Office 3 links to Office 1

IPitomy PBX 1500 (Office 1)

To place a call from one Branch Office to another just dial the prefix that was assigned to that locations PBX + the extension of the user trying to be reached at the other office. This same easy concept works for transferring calls from one Branch Office to another.

Branch Extensions

Branch Extensions can also be added to a branch office. These extensions are created through the add extension field at the bottom of the branch office edit page. Branch extensions can be dialed directly without a prefix, provided that these extensions are properly configured on the PBX for which the branch extensions are defined. Branch extensions will appear in call routing drop down lists throughout the system after they are created.

Configuring Office 2 with branch extensions

1. Click on **Destinations** and **Branch Offices**. The Branch Offices page will appear.

2. Click on the branch office connection for Office 1

3. Assuming Office 1 has extensions 100-110. Enter 100-110 in the field above the add button. You can also enter individual extension numbers. These numbers are checked against existing system extensions to insure conflicts are not created.

4. Click the **Add** button

5. **Apply Changes**

6. Verify dialing the new extensions from phones registered to Office 2.