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Revision Date (6 months max):

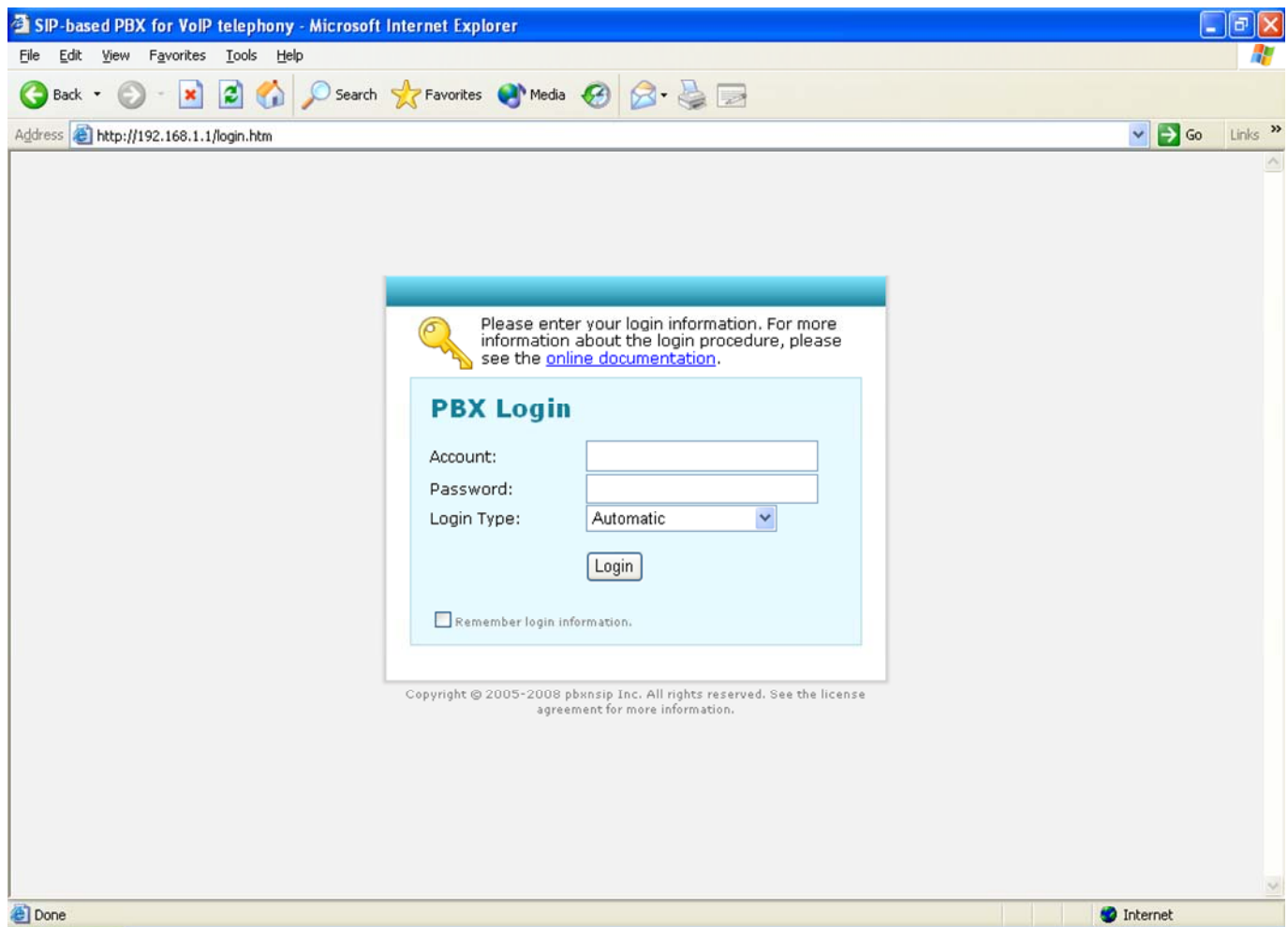
Topic / Issue: Configuring/Registering Extensions on PBXnSIP

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Registering extensions on PBXnSIP (software version) and on the CS410 (hardware platform).

Note: All provisioning on the CS410 is configured via the WAN interface not the LAN.

Enter in your network cards IP address that PBXnSIP is bound to into a web browser to bring up PBXnSIP's login page. Browse to 192.168.1.99 if configuring on the CS410.



The default login details are

Username: Admin

Password: Blank

This will bring up the PBXnSIP homepage; select Domains to enter into your localhost.

pbx Administration - Microsoft Internet Explorer


File Edit View Favorites Tools Help

Address http://192.168.1.1/reg_index.htm


pbxnsip Version 3

Settings Domains System Status


Set your PBX up!

 **Settings** determine the overall behavior of the PBX. You need to enter your license information in here before you can start to use the PBX. Demo codes are available on the [pbxnsip](#) web page.


* * *

 **Domains** are necessary to group your users. A domain is quite similar to your email domain, it may have alias names and you have a certain number of users in your domain. Domains can be addressed via DNS. You may assign administrative rights to users that have domain administration rights.

* * *

 The **System** pages give you access to settings that affect the PBX host. For example, you can change the settings for the PSTN gateway or change the IP address of the system.

* * *

 The **Status** is important for you when something is not working as expected or when you want to trace the activity of the PBX. Here you can see call traces and which calls are currently active. You can also access the logfile from here.

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System Administration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://192.168.1.1/reg_domains.htm



pbxnsip Version 3

Settings **Domains** System Status

List Create

Current Domains

This list shows the currently available domains on this system. Please note that setting up the domains on this system does not mean that you automatically set up the necessary DNS records. By clicking on the domain link button, you will move into domain mode. Please be careful clicking the delete button, because all domain data will be lost.

Alias	Domain	Users	Edit	Delete
localhost	localhost	16		

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Click on localhost in the Domain column to enter into the Managing (localhost) page.


Domain Administration [localhost] - Microsoft Internet Explorer

Address: http://192.168.1.1/dom_index.htm?gotodomain=1


pbxnsip Version 3

Settings Accounts Trunks Dial Plans Status Admin


Managing (localhost)

 Domain **Settings** are necessary to customize the behavior of the PBX in this domain. Here you can define how features are mapped to star codes.


* * *

 **Accounts** are anything that you can dial on your PBX. Accounts include Extensions, Auto Attendants, Conference Rooms. These numbers may be service numbers of the PBX as well as the numbers of your extensions. Extensions are accounts that are assigned to your users. They may include a mailbox and other features like do not disturb and redirection.


* * *

 **Trunks** are used to connect your PBX to the outside world. Trunks can be PSTN gateways in your network or they can be ITSP accounts that you signed up for. Trunks are also important for matching incoming calls.

* * *

 **Dial Plans** tell the PBX how to reach an outside number. Usually you will use a trunk to terminate outgoing calls. Each extension may have its own dial plan. With this technology, you can allow or restrict extensions from making calls to specific numbers.

* * *

 The **Status** shows you what is going on in the domain. You can see which calls are active and which calls took part in the domain. If you are logged in with system administration permissions, you may also access the system log from there.

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From here click on accounts.

































Domain Administration [localhost] - Microsoft Internet Explorer

Address: http://192.168.1.1/dom_accounts.htm

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Settings **Accounts** Trunks Dial Plans Status Admin

List Create

Account	Type (Name)	Status	Edit	Delete
40	Extension			
41	Extension			
42	Extension			
43	Extension			
44	Extension			
45	Extension			
46	Extension			
47	Extension			
48	Extension (48 48)			
49	Extension (49 49)			
70	Auto Attendant			
71	Conference			
72	Hunt Group			
73	Agent Group			
74	Paging			
79	Service Flag (Office Hours)	Set		

* User has administrative permissions for this domain

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Click on create to create a new user extension.

The screenshot shows a web browser window titled "Domain Administration [localhost] - Microsoft Internet Explorer". The address bar shows "http://192.168.1.1/dom_acclist.htm". The page header includes the "pbxnsip Version 3" logo and navigation tabs for "Settings", "Accounts", "Trunks", "Dial Plans", "Status", and "Admin". Below the header, there are "List" and "Create" buttons. The main content area is titled "Create New Accounts" and contains a tip: "Accounts are numbers that you can call on the PBX. Please select the account type that you would like to create. Tip: You may enter more than one name. If you use a space between the names, the PBX will set up several accounts for you. If you use a slash between the names, you will set up one account with different alias names. For example, '123/theo 124/fred' will set up two accounts, the first with the names 123 and theo and the second with the names 124 and fred." Below the tip is a form with the following fields: "Account Type:" (a dropdown menu currently showing "Extension"), "Dial Plan:" (a dropdown menu), and "Plug and Play:" (a dropdown menu). Below these fields is a table with 8 rows and 8 columns. The columns are labeled "Number", "First Name", "Last Name", "Pass.", "Web Pass.", "PIN", and "Email". The "Number" column contains the numbers 1 through 8. The other columns are empty text input fields. At the bottom of the browser window, the "Internet" icon is visible.

Domain Administration [localhost] - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media

Address http://192.168.1.1/dom_acclist.htm Go Links

pbxnsip Version 3

Settings Accounts Trunks Dial Plans Status Admin

List Create

Create New Accounts

Accounts are numbers that you can call on the PBX. Please select the account type that you would like to create.

Tip: You may enter more than one name. If you use a space between the names, the PBX will set up several accounts for you. If you use a slash between the names, you will set up one account with different alias names. For example, "123/theo 124/fred" will set up two accounts, the first with the names 123 and theo and the second with the names 124 and fred.

Account Type: Extension

Dial Plan: Domain Default

Plug and Play: Manual

	Number	First Name	Last Name	SIP Pass.	Web Pass.	PIN	Email
1	40			40			
2							
3							
4							
5							
6							
7							
8							

Internet

Enter in your extension number and user details. i.e. First name, Last name if required.
 Scroll down and select create.

This is all the Config required in PBXnSIP to create an extension. Once your IP phone has been configured to match the same extension details you should see the extension as registered in the extensions page.

Domain Administration [localhost] - Microsoft Internet Explorer

Address: http://192.168.1.1/dom_accounts.htm

pbxnsip Version 3

Settings Accounts Trunks Dial Plans Status Admin

List Create

Account	Type (Name)	Status	Edit	Delete
40	Extension	1 Regs (1)		
41	Extension			
42	Extension			
43	Extension			
44	Extension			
45	Extension			
46	Extension			
47	Extension			
48	Extension (48 48)			
49	Extension (49 49)			
70	Auto Attendant			
71	Conference			
72	Hunt Group			
73	Agent Group			
74	Paging			
79	Service Flag (Office Hours)	Set		

* User has administrative permissions for this domain

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Once the extension is created you can edit the extension to make changes as necessary.

Domain Administration [localhost] - Microsoft Internet Explorer

Address: http://192.168.1.1/dom_ext.htm?id=1

pbxnsip Version 3

Settings Accounts Trunks Dial Plans Status Admin

List Create General Redirection Mailbox Email Registration Permission

Editing Extension 40

Primary Name:

Alias Names:

Dial Plan:

ANI:

Send daily CDR report to:

First name (e.g. John):

Last name (e.g. Smith):

SIP Password:

SIP Password (repeat):

Web Password:

Web Password (repeat):

PIN (e.g. 1234):

PIN (repeat):

Timezone:

You can also view your system status, from the homepage click on Status.

The screenshot shows a web browser window titled "System Administration - Microsoft Internet Explorer". The address bar shows "http://192.168.1.1/reg_status.htm". The page content includes a navigation menu with "Settings", "Domains", "System", and "Status" (selected). Below the menu are sub-tabs for "General", "Logfile", "Call Log", and "Calls". The main heading is "System Status Overview".

Please use the information on this web page when you address the support.

Version:	3.0.0.2933 (Linux)
License Status:	Appliance Key
License Duration:	Permanent
Additional license information:	Extensions: 10/10 Accounts: 16/25
Working Directory:	/pbx
MAC Addresses:	001915683FA8 001915683FA9
Calls:	9/61 (CDR: 70) 0/0 Calls
SIP packet statistics:	Tx: 62988 Rx: 63212
Emails:	Successful sent: 0 Unsuccessful attempts: 0
Available file system space:	71%
Uptime:	23 19:52:34 (3509 4002368-0) WAV cache: 0
Media CPU Usage:	100%

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From here you can view your licensing details to see used/available Extensions and Accounts.