



Product Name: pbxnsip Domain (PBX-DOM)

Manufacturer: pbxnsip

Model Number: -

Availability: In Stock

Before you can start to use the PBX, you must set up at least one domain. By default, the PBX will create a domain called "localhost" for you.

A domain is like an email domain. It groups a number of users. These users are able to call each other without going through a trunk. Additional features like call pickup can be configured and might have additional restrictions. If you can, you should set up your DNS accordingly, so that uses from other domains can find the group by standard DNS name resolution.

You may have several names for a domain (domain alias). One of these names will be the "primary" (canonical) name for the domain. The PBX will use that name whenever it has to generate a name for the domain.

In the profession version of the product, domains may have a limited number of accounts. This feature is necessary for hosted environments, where you want to make sure that customers are not using more accounts than you have sold to them.

The domain that has the name "localhost" (or an alias name "localhost") has a special function. It will match all requests that cannot be matched to a domain name in the domain list. This makes it possible to run the PBX on changing IP addresses without changing the name of the domain and significantly simplifies the setup of the PBX in environments where only one domain is needed.

It is recommended that the domain "localhost" should not be deleted, since it is there for convenience. If you have another named domain other than "localhost", it is useful to use the pbx's IP address as an alias name for that domain, so that the pbx will recognize the IP-phones that you may have setup, particularly to a specific domain, instead of localhost. This is helpful for breaking down a company's departments, such as Technical Support, Billing, Payable, Executive team, into domains.

Domain names may be IP version 4 addresses. Especially when you cannot change DNS, you might want to assign such a name to a domain. However, you must be sure that the host is always running on that IP address, if you are assigning IP addresses by DHCP you have to be careful with this method.

You may mix IPv4 names with DNS addresses. You may also later rename the domain names and reassign the primary domain name.

pbxnsip Components

pbxnsip Component\*

Order Code

Description

Domain

PBX-DOM

An instance of the PBX with defined extensions, trunks, auto attendant etc.

Extension\*\*

PBX-EXT

A device that registers the PBX e.g. IP phone, softphone, etc.

Auto Attendant

PBX-AA

An extension that automatically answers calls and facilitates call transfers

Calling Card

PBX-CC

An account that makes it possible to place outbound calls from the PBX.

Hunt Group

PBX-HG

A grouping of extensions set up to receive calls in order if a line is busy.

Paging Account\*

PBX-PA

A one-way audio communication from one caller to a large group of listeners.

IVR Node

PBX-IVR

An account that allows a telephone caller, to select an option from the menu.

Agent Group

PBX-AG

A queue for incoming calls that allows fair dispatch to a list of agents.

Conference Room

PBX-CR

A PBX account acting as a simple conference for multiple participants.

Trunk

PBX-TRK

A connection used to interface with devices that are not registered with the PBX.

Recording

PBX-REC

An option of the PBX that allows for inbound and outbound call recording.

CDR Reporting

PBX-CDR

An option of the PBX that allows for Call Detail Records to be used for billing.

SIPS Security

PBX-SEC

A security option of the PBX that secures calls using TLS, SRTP, and SDP.

Co-Lines

PBX-CO

CO-Lines are associated with trunks, Each trunk may have several CO-Lines.

Low rate Codec

PBX-LRC

A voice comprehension algorithm that compresses voice audio down to 8Kb/sec.

\*What is an Account?

We are using the term account to be any of the following: Auto Attendant, Conference, Hunt Group, Agent Group, Calling Card, Paging, Service Flag, and IVR Node. The customer can choose to configure the PBXs accounts so as to meet their needs. You cannot create accounts beyond the number you are licensed for.

\*\*What is an Extension?

An extension is a special account type that has a phone and a mailbox associated with it. An extension can have multiple phones connected to it with the same extension number.

\*The pbxnsip components above can be added to the base bundles found on pbxnsip Software IP PBX Section

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