pbxnsip CDR Reporting (PBX-CDR)

Product Name: pbxnsip CDR Reporting (PBX-CDR)
Manufacturer: pbxnsip
Model Number: -

Availability: In Stock

A Call Detail Record (CDR) is recorded information generated by a PBX, which contains source and destination identities, initial connection time of the calls as well as the call termination time, billing information and other relevant fields.

Often, several fields are calculated at processing time after the CDR is generated, i.e. time duration is derived from the termination time of the call and the time the call was connected. The CDR format are generally different from one telecommunication company to another, however IP-based PBX company, such as pbxnsip IP PBX, are using Simple Object Access Protocol (SOAP) as a standard format for CDRs.

The pbxnsip CDR Tool is a pragmatic call detail record reporting and statistical tool, which retrieves CDRs from the pbxnsip PBX server via Simple Object Access Protocol (SOAP) interface, and stores the records into an external databaseMySQL database, "the most popular open source database". With the combined power of the CDR tool logic and MySQL database one can monitor traffic, phone usage, and create post-paid bills.

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

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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 foir 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 SDES.

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

Low rate Codec
PBX-LRC

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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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