

PBX 'Virtualization' is here with pbxnsip...

Many corporate IT technologies are undergoing virtualization including, servers and storage. Even today's workforce is becoming virtual. It was only a matter of time until the corporate PBX phone system became virtual as well. The pbxnsip Hosted Edition provides the best features of the traditional customer premise based PBX with the service provider based features of Centrex.

Now Class 5 features can be offered to many customers (multi tenant) on a single IP PBX platform that is hosted by the ITSP (Internet Telephony Service Provider) in their data center. The pbxnsip Hosted Edition provides an easy to grow platform for the ITSP starting off with a small number of hosted customers and easily scaling as more customers sign up for this type of hosted phone service.

Service Provider benefits of the pbxnsip Hosted Edition ...

- Unlimited extensions – thousands of extensions can be created on a single server
- Unlimited accounts - auto attendants, conference bridges, hunt groups, etc. are unique to each domain

- Unlimited domains/tenants – each customer is a domain using a Fully Qualified Domain Name (FQDN)
- Unlimited trunk support – these can be SIP trunks and VoIP gateway trunks
- Licensing based on the number of simultaneous calls which allows for the service provider to benefit from oversubscription
- Licenses can be purchased for 25, 50, 75, or 100 simultaneous calls
- As the business grows, simply build out the platform by adding more servers
- Your choice of Windows or Linux

Finally there is a feature- rich multi tenant solution that service providers can use to provide hosted VoIP accounts to small businesses. The award winning Hosted IP PBX product from pbxnsip offers all of the class 5 features one would expect in a softswitch and many more. The Hosted Edition licensing is based on simultaneous calls and not seats so the ITSP can over subscribe the service easily and then grow when the call volume is established. The time for the Virtualized PBX is now and it's easy to create with pbxnsip Hosted Edition ...

Alias	Domain	Users	Edit	Delete
acme.hostedpbx.com	acme.hostedpbx.com	7		
ajax.hostedpbx.com	ajax.hostedpbx.com	5		
dr-livingston.hostedpbx.com	dr-livingston.hostedpbx.com	7		
legal-law-firm.hostedpbx.com	legal-law-firm.hostedpbx.com	10		
localhost	localhost	7		
xyz.hostedpbx.com	xyz.hostedpbx.com	8		



Technical Specifications of the pbxnsip Hosted Edition

Main Features

- Unlimited extensions
- Unlimited accounts
- Unlimited domains/tenants
- Unlimited trunk support
- Licensing based on simultaneous calls
- License purchasing for 25—100 simultaneous calls

Accounts

- Auto Attendant
- Extensions
- Paging Groups
- Hunt Groups
- Agent Groups
- Outbound Call Authentication
- IVR Nodes
- Service Flags

Security Features

- TLS and SRTP support
- HTTPS web interface
- Secure provisioning
- Password and PIN per extension
- SSH access to the system

Mobility Support

- Call forking to cell phone
- Voicemail triggers call to cell phone
- Inbound call cell phone detection
- Camp on from cell phone
- Hot desking support

Call Supervision

- Call barge in
- Training mode
- Listen in
- Permission and license-based access

Plug and Play

- TFTP, HTTP and HTTPS support
- One-shot password provisioning
- Time zone provisioning
- PBX provisioning and configuration templates

Trunking

- B2BUA (IP-Gateway) architecture
- Registration and gateway trunks
- ENUM support
- CO-line emulation
- ANI number presentation
- DID routing
- Extension-based dial plans

MoH, Paging and Intercom

- Multiple MoH sources (RTP, File, audio input)
- Multiple audio paging output (audio output, RTP multicast)
- Intercom through star code

Auto Attendant

- Dual language support
- Prerecorded standard destinations
- Day/night mode, holidays
- Dial by name
- Anonymous call intercept
- Black and white list management
- Camp on

Conference Subsystem

- Conference mixer
- Instant conference
- Conference scheduler with Email invitation

Voicemail System

- Private and shared voicemail
- Voicemail notification through email
- Message Waiting Indication (MWI)
- Voicemail commenting
- Support for external voicemail system (e.g. Microsoft Exchange™)

Waiting Queues

- Up to ten announcements
- MoH mixing with announcements
- Agent recovery time
- Call pickup from queue
- Call escalation
- Day/night mode, holidays
- Web based queue status display

Hunt Groups

- Serial and parallel search
- Day/night mode, holidays
- Distinctive ringing
- Custom IVR recordings and routing decisions (IVR Node)

Call Redirection and Treatment

- Do not disturb
- Redirect on busy, timeout, always
- Multiple registrations per extension
- Call park, call pickup, call retrieve
- Star code-based transfer
- Last call return, redial
- Caller-ID blocking

Address Book

- Personal/domain level address book
- Address book import

Presence and Instant Messaging

- Presence agent for presence information
- Instant Messaging support
- Support for dialog state (BLF) System Management
- Loadable SSL/TLS certificate
- Performance monitoring and load protection
- SNMP agent
- CDR export through SOAP interface
- Build-in session border functionality for remote offices

Languages

- Multiple interface languages
- Multiple audio languages
- Multiple simultaneous time zones

Domain Information:

Primary Name:

Alias Names:

Maximum Number of Accounts:

Maximum Number of Extensions:

Maximum Number of Calls:

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