



# Asterisk Info

## User Guide

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## Overview

The Asterisk Info page gives you the ability to look at key things in Asterisk such as extension registration information or “BLF Hints” amongst other items and is usually used to debug issues. This is for advanced users who understand Asterisk.

## Logging In

- Log into the Asterisk Info module and you should see a screen like this.

### Asterisk (Ver. 1.8.18.0): Summary

Summary	
System uptime: 1 week, 8 hours, 53 minutes, 10 seconds Last reload: 1 hour, 15 minutes, 26 seconds	
Active SIP Channel(s): 12	Active IAX2 Channel(s): 0
Sip Registry: 2	IAX2 Registry: 1
Sip Peers: Online: 32 Online-Unmonitored: 0 Offline: 24 Offline-Unmonitored: 0	IAX2 Peers: Online: 0 Offline: 0 Unmonitored: 0

Refresh

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## Summary Report

- Summary will show us a snap shot of the following information:
  - **Uptime**- How long Asterisk has been up and running without a restart.
  - **Reload**- The last time a reload was done. A reload occurs when pressing the “Apply Configuration” button after making changes in the GUI.
  - **Active SIP Channels**- How many active SIP channels. Please note this does not mean active calls, as a single call can be 2 or more SIP channels.
  - **Active IAX2 Channels**- How many active IAX2 channels. Please note this does not mean active calls, as a single call can be 2 or more IAX2 channels.
  - **SIP Registry**- How many SIP connections Asterisk is registered to. This is usually only for SIP trunks because a phone registers to Asterisk, not Asterisk registering to the device.
  - **IAX2 Registry**- How many IAX2 connections Asterisk is registered to. This is usually only for IAX2 trunks because a phone registers to Asterisk, not Asterisk registering to the device.
  - **SIP Peers**- How many SIP peers are online and offline. A SIP peer is a extension or trunk.
  - **IAX2 Peers**- How many IAX2 peers are online and offline. A IAX2 peer is a extension or trunk.

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### Registries Report

- Registries will show you each connection that Asterisk is registered to. This is usually a trunk, as Asterisk registers to a trunk. This only shows what Asterisk is registered to, not what is registering to Asterisk. Please see "Peers" to see devices and trunks that are registered to Asterisk.

Sip Registry					
Host	dnsmgr	Username	Refresh	State	
proxy83.altavox.net:5060	N	pbx0513.101	105	Registered	
1 SIP registrations.					
Reg.Time Wed, 02 Jan 2013 17:12:59					
IAX2 Registry					
Host	dnsmgr	Username	Perceived	Refresh	State
0 IAX2 registrations.					
Jabber Connections					
No such command 'jabber show connections' (type 'core show help jabber show' for other possible commands)					

## Channels Report

- Here we will see any active channels. A channel is a single communication between 2 devices, such as from Asterisk to a phone or from a trunk to Asterisk. A typical call will show 2 channels. 1 From the trunk to Asterisk and 1 from Asterisk to the phone.

Active Channel(s)			
Channel	Location	State	Application (Data)
0 active channels			
0 active calls			
13715 calls processed			

## Peers Report

- Peers are devices or trunks that are registering and connecting to Asterisk. When viewing a peer, we get some useful information. The 3 pieces of information that should be of interest to you are:
  - **Name-** This is the **Extension number or name on the trunk.**
  - **Host-** This is the IP address the device or trunk is telling us how to reach it.
  - **Status-** Will show if the device is connected and, if so, how many milliseconds away from the PBX it is. The higher the number, the more problems you will have. Anything about 200ms will cause voice problems.

Sip Peers						
Name/username	Host	Dyn	Forcerport	ACL	Port	Status
2000	(Unspecified)	D	N	A	0	UNKNOWN
2001	(Unspecified)	D	N	A	0	UNKNOWN
2002	(Unspecified)	D	N	A	0	UNKNOWN
2003/shmz	91.205.155.156	D	N	A	5060	OK ( 178 ms )
2004	(Unspecified)	D	N	A	0	UNKNOWN
2005	(Unspecified)	D	N	A	0	UNKNOWN
2006	(Unspecified)	D	N	A	0	UNKNOWN
2007	(Unspecified)	D	N	A	0	UNKNOWN
2110/2110	67.240.182.128	D	N	A	59911	OK ( 39 ms )
2111	(Unspecified)	D	N	A	0	UNKNOWN
2112/2112	74.87.121.99	D	N	A	1027	OK ( 27 ms )
2200	(Unspecified)	D	N	A	0	UNKNOWN
2201/2201	(Unspecified)	D	N	A	0	UNKNOWN
2202	(Unspecified)	D	N	A	0	UNKNOWN
2203/2203	74.87.121.99	D	N	A	1027	OK ( 27 ms )
2204	(Unspecified)	D	N	A	0	UNKNOWN
2205	(Unspecified)	D	N	A	0	UNKNOWN
2206	(Unspecified)	D	N	A	0	UNKNOWN
2300	(Unspecified)	D	N	A	0	UNKNOWN
2301/2301	74.87.121.99	D	N	A	1027	OK ( 25 ms )
2302	(Unspecified)	D	N	A	0	UNKNOWN
2400	(Unspecified)	D	N	A	0	UNKNOWN
2401	(Unspecified)	D	N	A	0	UNKNOWN
2402/2402	(Unspecified)	D	N	A	0	UNKNOWN
2500/2500	75.88.1.247	D	N	A	34278	OK ( 447 ms )
2800	(Unspecified)	D	N	A	0	UNKNOWN
3366	(Unspecified)	D	N	A	0	UNKNOWN
4000/4000	66.185.103.113	D	N	A	5062	OK ( 176 ms )
4001/4001	64.203.210.199	D	N	A	5060	OK ( 87 ms )
4002/4002	74.87.121.99	D	N	A	1028	OK ( 30 ms )
4003/4003	74.87.121.99	D	N	A	1029	OK ( 30 ms )
4004	(Unspecified)	D	N	A	0	UNKNOWN
4005/4005	75.88.1.247	D	N	A	5060	OK ( 235 ms )

## SIP Info Report

- Sip Info combines the Registry and Peers report into 1 view, but only showing you the SIP Peers and Registries not IAX2.

Sip Registry						
Host	dnsmgr Username	Refresh	State	Reg.Time		
proxy83.altavox.net:5060 1 SIP registrations.	N pbx0513.101	105	Registered	Wed, 02 Jan 2013 17:12:59		

  

Sip Peers						
Name/username	Host	Dyn	Forcerport	ACL	Port	Status
2000	(Unspecified)	D	N	A	0	UNKNOWN
2001	(Unspecified)	D	N	A	0	UNKNOWN
2002	(Unspecified)	D	N	A	0	UNKNOWN
2003/shmz	91.205.155.156	D	N	A	5060	OK ( 178 ms )
2004	(Unspecified)	D	N	A	0	UNKNOWN
2005	(Unspecified)	D	N	A	0	UNKNOWN
2006	(Unspecified)	D	N	A	0	UNKNOWN

## IAX Info Report

- IAX Info combines the Registry and Peers reports into 1 view, but only showing you the IAX2 Peers and Registries not SIP.

IAX2 Registry					
Host	dnsmgr	Username	Perceived	Refresh	State
0 IAX2 registrations.					

  

IAX2 Peers					
Name/Username	Host	Mask	Port	Status	
0 iax2 peers [0 online, 0 offline, 0 unmonitored]					

## Conferences Report

- Conferences will show you any active conference calls on your system.

**MeetMe Conference Info**

---

No active MeetMe conferences.

**Conference Bridge Info**

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No such command 'confbridge list' (type 'core show help confbridge list' for other possible commands)

## Subscription Report

- Subscriptions will show you a list of all hints that are created on your system. A hint is what you subscribe a BLF button on your phone to. A good example might be having a BLF button to use 101, so anytime user 101 is on a call the button will be red. Here we can see all the hints and how many users (watchers) are subscribed to any single hint.

**Subscribe/Notify**

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```
-- Registered Asterisk Dial Plan Hints ==
*452112*4600@ext-queues      : Custom:QUEUE2112*460  State:Idle           Watchers  0
*452112*4602@ext-queues      : Custom:QUEUE2112*460  State:Idle           Watchers  0
*452006*4500@ext-queues      : Custom:QUEUE2006*450  State:Idle           Watchers  0
*454051*4500@ext-queues      : Custom:QUEUE4051*450  State:Idle           Watchers  0
*452006*4501@ext-queues      : Custom:QUEUE2006*450  State:Idle           Watchers  0
*454051*4501@ext-queues      : Custom:QUEUE4051*450  State:Idle           Watchers  0
*452203*4500@ext-queues      : Custom:QUEUE2203*450  State:Idle           Watchers  0
*452203*4501@ext-queues      : Custom:QUEUE2203*450  State:Idle           Watchers  0
*452002*4600@ext-queues      : Custom:QUEUE2002*460  State:Idle           Watchers  0
*452205*4602@ext-queues      : Custom:QUEUE2205*460  State:Idle           Watchers  0
*452400*4612@ext-queues      : Custom:QUEUE2400*461  State:Idle           Watchers  0
*452002*4602@ext-queues      : Custom:QUEUE2002*460  State:Idle           Watchers  0
*452205*4600@ext-queues      : Custom:QUEUE2205*460  State:Idle           Watchers  0
*452400*4610@ext-queues      : Custom:QUEUE2400*461  State:Idle           Watchers  0
*452400*4611@ext-queues      : Custom:QUEUE2400*461  State:Idle           Watchers  0
      *842500@ext-local        : Custom:SIP/2500       State:Unavailable    Watchers  0
      *212800@ext-findmefollow : Custom:FOLLOWME2800   State:Idle           Watchers  0
*452800*4611@ext-queues      : Custom:QUEUE2800*461  State:Idle           Watchers  0
*452800*4610@ext-queues      : Custom:QUEUE2800*461  State:Idle           Watchers  0
```

## Voicemail Users Report

- At a glance we can see all the voicemail boxes that are created and how many new voicemails each user has.

Voicemail Users				
Context	Mbox	User	Zone	NewMsg
default	3000	Emergency VM		0
default	3001	(General VM)		75
default	3002	(Accounting-VM)		26
default	3003	(Sales VM)		27
default	3004	(Support VM)		5
default	3005	(FreePBX Support)		0
default	4000	Clifford Wagner		10
default	4008	Robert Keller		9
default	4006	Luke Duquaine		1
default	4004	Moshe Brevda		2

## Queues Report

- The Queues report will show us each queue we have setup and some quick realtime stats, such as:
  - Waiting callers
  - Logged in members and their current state
    - Paused or not
    - In use or not in use

Queues Info
4612 has 0 calls (max unlimited) in 'ringall' strategy (0s holdtime, 0s talktime), W:0, A:0, SL:0.0% within 30s Members: Preston McNair (Local/4001@from-queue/n) (paused) (Not in use) has taken no calls yet Preston McNair Bria (Local/2400@from-queue/n) (Not in use) has taken no calls yet No Callers
4610 has 0 calls (max unlimited) in 'rrmemory' strategy (0s holdtime, 0s talktime), W:0, C:0, A:0, SL:0.0% within 60s Members: Tony Lewis (Local/4002@from-queue/n) (Not in use) has taken no calls yet Tony Lewis M3 (Local/2203@from-queue/n) (Not in use) has taken no calls yet Bryan Walters (Local/4003@from-queue/n) (Not in use) has taken no calls yet No Callers





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