

IAX (Inter Asterisk eXchange) Protocol “Standardization” Status

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Quiz Question

When someone says,

“The source code is the documentation,”

It's an example of (select all that apply)

- a) Accuracy
- b) Irony
- c) Laziness
- d) Genius
- e) Guilt

Source: Peter Coffee, e-week 2/6/06

Problems

- There is no published IAX Specification
 - The code is the only reference
 - Subject to change
- Vendors reluctant to invest in products that aren't defined in a referencable manner
- Difficult to integrate with other standard mechanisms

Two Specs in Progress...

- IETF: Informational Document
IAX: Inter-Asterisk eXchange Version 2
*[http://www.ietf.org/
internet-drafts/draft-guy-iax-01.txt](http://www.ietf.org/internet-drafts/draft-guy-iax-01.txt)*
- IETF: Enum Working Group Document
IANA Registration for IAX Enumservice
draft-ietf-enum-iax-00

IAX Components

- IAX2 URI Registration
- Registration (OPTIONAL)
- Call Link Management
- Call Path Optimization (OPTIONAL)
- Mid-Call Behavior
- Call Tear Down
- Network Monitoring
- Digit Dialing (OPTIONAL)
- Firmware Download (OPTIONAL)
- Provisioning (OPTIONAL)
- Media Messages

ENUMSERVICE

Example IAX2 URIs

iax2:atlanta.com/alice

iax2:atlanta.com:4569/alice

iax2:atlanta.com:4570/alice?friends

iax2:192.0.2.4:4569/alice?friends

iax2:whitehouse.gov/12022561414

iax2:johnQ@whitehouse.gov/12022561414