SIP Resources

Other Resource Lists on SIP
The iLabs team has some additional resources available at Opus One's web page (including copies of all these white papers) at `http://www.opus1.com/sip/`

Columbia's Computer Science department maintains an extensive list of SIP resources at `http://www.cs.columbia.edu/sip/`

General overviews of what SIP is all about
The iptel.org 180+ page SIP tutorial is outstanding: `http://www.iptel.org/sip/`
A bit more market-oriented and nearly as long:
`http://voip.internet2.edu/meetings/slides/200310/SIP_Express_Router.pdf`

A short technical introduction: `http://iptel.org/ser/doc/sip_intro/sip_introduction.html`
A short non-technical introduction: `http://www.sipcenter.com/aboutsip/whatissip.html`

White paper on the SIP value proposition over telephony, "SIP and the new network communications model" (from Nortel Networks):
`http://www.nortelnetworks.com/products/01/succession/es/succession_csemx/doclib/nn1067
00-060204.pdf`

Internet2 SIP Initiative
The Internet2 SIP.edu initiative seeks to promote the convergence of voice and email identities, grow SIP reachability within Internet2, and encourage experimentation with new enterprise SIP services. A lot of SIP is "happening" there (`http://voip.internet2.edu/SIP.edu/`) and some of the information is especially appropriate to very large deployments.

Initiative Overview: `http://voip.internet2.edu/SIP.edu/docs/sip.edu-whitepaper1.pdf`
SIP.edu in a Nutshell: `http://voip.internet2.edu/SIP.edu/talks/20031014-sip.edu.pdf`

How SIP uses DNS
ENUM (see our white paper on "ENUM") helps to link SIP VoIP networks with the PSTN using DNS. Most enterprises will want to integrate their SIP networks with DNS to facilitate interoperability and mixing of devices and servers. The SIP.edu project has a good tutorial on how to use DNS to locate SIP services within a network at
`http://mit.edu/sip/sip.edu/dns.shtml`

The ENUM Forum (`http://www.enumf.org/`) is an industry group concerned with ENUM and its use internationally. ENUM.ORG is the home of ENUM in the US (North America, really):
`http://www.enum.org/`

SIP RFCS And Drafts
The SIP RFCs and related Internet drafts are available at several sites. An especially nicely organized set is at: `http://www.iptel.org/ietf/`.

The IETF SIP Working Group has its homepage at `http://www.ietf.org/html.charters/sip-charter.html` while a frequently-updated working group information page is at
`http://www.softarmor.com/sipwg/`

Do It Yourself Help

"IP Telephony Cookbook" is a great reference on deploying VoIP: http://tinyurl.com/2botj

Free World Dialup is an international, free, SIP network: http://fwd.pulver.com/

Brix Networks provides a free, self-service, VoIP quality testing portal---
http://TestYourVoIP.com---that enables users to independently measure the quality of their
VoIP connections.

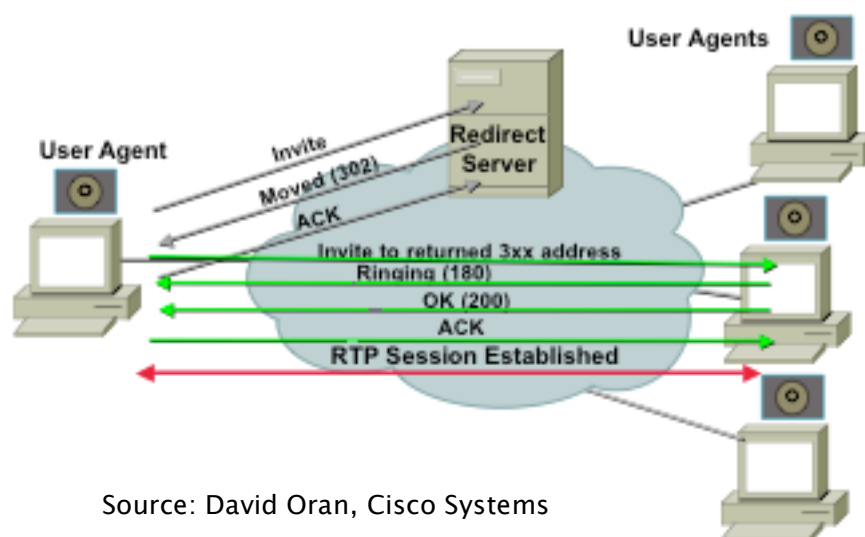## Commercial SIP and Vendor Forums

Center for commercial SIP development: http://www.sipcenter.com/
The SIP vendor forum, including good product listings: http://www.sipforum.com/
SIP Products: http://www.iptel.org/info/products/

Vendors appearing in the iLabs *Voice Over IP Using SIP* booth

3COM	www.3com.com	Juniper Networks	www.juniper.net
Avaya	www.avaya.com	Leadtek Research	www.leadtek.com
AzaTel	www.azatel.com	Multi–Tech Systems	www.multitech.com
Check Point	www.checkpoint.com	Nortel Networks	www.nortel.com
Cisco Systems, Inc.	www.cisco.com	NuFone Network	www.nufone.net
ClearSight Networks	www.clearsight.com	Pangean Tech.	www.pangeantech.com
Digium	www.digium.com	Pingtel	www.pingtel.com
Grandstream	www.grandstream.com	Sipura Technology	www.sipura.com
InnoMedia	www.innomedia.com	UTStarcom, Inc.	www.utstar.com
Intertex	www.intertex.se	VeriSign	www.verisign.com
ipDialog, Inc.	www.ipdialog.com	WildPackets, Inc.	www.wildpackets.com
iptel.org Services	www.iptel.org	XTen Networks	www.xten.com
		ZyXEL	www.zyxel.com

Source: David Oran, Cisco Systems