SIP Resources

Other resource lists on SIP

The InteropLabs 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 University'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 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/nn106700-060204.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 North America: http://www.enum.org/

SIP RFCs and drafts

The SIP RFCs and related Internet drafts are available at several sites. 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://www.freeworlddialup.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:

The SIP vendor forum, including good product listings: http://www.sipforum.com/

SIP Products: http://www.iptel.org/info/products/

Vendors appearing in the VoIP: Wireless and Security booth

Aruba Networks	www.arubanetworks.com
AudioCodes	www.audiocodes.com
Avaya	www.avaya.com
Belkin	www.belkin.com
Check Point	www.checkpoint.com
Cisco Systems	www.cisco.com
Counterpath	www.counterpath.com
D-Link	www.dlink.com
Extreme Networks	www.extremenetworks.com
Extricom	www.extricom.com
Fortinet	www.fortinet.com
InterWorking Labs	www.iwl.com
Grandstream	www.grandstream.com
HP	www.hp.com
Ingate	www.ingate.com
Juniper Networks	www.juniper.net
Motorola	www.motorola.com
Network Physics	www.networkphysics.com
NuFone	www.nufone.net
pbxnsip	www.pbxnsip.com
snom	www.snom.com
SJ Labs	www.sjlabs.com
SpectraLink/Polycom	www.spectralink.com www.polycom.com
Trapeze Networks	www.trapezenetworks.com
VeriWave	www.veriwave.com
WildPackets	www.wildpackets.com

With assistance from:

American Power Conversion	www.apc.com
Avocent	www.avocent.com
Digium	www.digium.com
IPSwitch	www.ipswitch.com
OpenSER	www.openser.org
VMWare	www.vmware.com