## SIP: Affordable Convenience

An Update on SIP Applicability in 2003

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## SIP Refresher

- IETF's signaling protocol (RFC3261)
- Primary use: VoIP Signaling
- Other uses: Instant Messages and Presence
- Other possible uses: video conferencing, home appliances, games, etc.
- Technical properties: HTTP-like, textual, client-server protocol, using email-like addresses
- Gory details: tutorial tommorrow

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	Technical Status
IP Availability: SLAs	
<ul> <li>Industry averages for "Network Availability" SLAs are from 99.9% to 99.5% (an NRIC report)</li> </ul>	
<ul> <li>SLAs mostly exclude regular maintenance and always Acts of God</li> </ul>	
Residential IP access rarely with SLAs	
Availability (percent)	Actual Downtime (per year)
99.999	5 Minutes
99.9	9 Hours
99.5	1.8 Days
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