Minutes 030410

Walt: Welcome, glad to be a part of this group. Any plans we come up with should have a broad focus, include H.323, SIP, telepresence, etc

Bob: Had not previously heard about focus on telepresence

Walt: Telecoms have used SS7, doesn't work for us. Tyler Johnson did GDS, focused on H.323 and GK, good at time but didn't scale to VoIP. Options that come to mind, some companies do arbitrage services, VoIP SPs subscribe, call request goes out and looks for that info, returns URI of site to connect to. Another solution straight peering. Another solution for Internet2 community to have central redirect proxy where all calls would be routed to most appropriate device. Another option is IMS, which Cisco has been working with lately, IMS layers on top of SIP, wireless companies are going that direction. ENUM is another solution, used successfully in Europe.

Bob: Simon sent email with interesting idea

Ben: Summarized email, gnuGK/ENUM/etc

Walt: seems h.323 centric. Maybe we could have Simon on to explain what it can and can't do

MikePSU: We use similar to that at PSU

Bob: At Commons at OSU we were using gnugk for such reasons

Walt: Cascading. Still uses concept of cascading domains?

Bob: We'll need to ask Simon

Mike: Has traditional 323 neighbor and zone functionality. We'd want them to use DNS lookup instead of 323 lookup.

Walt: Gatekeepers were designed for 323 world. I believe 323 will be going away soon in favor of SIP. Doesn't make sense to have 323 for video and SIP for everything else.

Bob: still lots of 323. Anything we do has to be backwards compatible.

MikePSU: Agree with Bob. SIP is coming but 323 will be around for a while

Walt: is 323 and SIP functionality different in VC units?

MikePSU: the data sharing isn't fully baked

Walt: isn't data sharing a parallel protocol?

MikePSU: for SIP it's ❓ data floor control

Walt: so we should make a list of features we want to support across all platforms. Ex if I have a 323 room system I want people to dial into that, if I have a telepresence system I want people to dial into that

Mike LaHaye: Makes sense to me. At the end of the day I'd want to come up with a single dialing plan that we could present to the community that they could use on any kind of system they are on. I agree the 323 will be around for a long time and a flag day to move everyone to SIP is unrealistic

Walt: I agree. Was trying to say that we want to make sure we aren't creating something H.323 centric. Some methods don't scale one. Closed network to closed network with dial plan conflicts. Want to make sure you're using a global system. If you have IPs with DNS then you have URIs. With GDS there was push to not do E164 since telcos control the numbers. I think this is a consideration but not the consideration. If you have DNS and URI with central repository, map E164 to E164 and to get IP addresses.

MikePSU: We're internet centric. View phone numbers as legacy devices. For IP to IP we don't want to use telephone numbers. We have IPs and DNS and want to use that

Mike LaHaye: I'm still struggling with options available for dial plan that unified all these systems vs the decisions we'd have to make that would be limiting to make migration

Walt: why don't i work with ben to draft up options, then have guests to talk about each option.

Bob: in last meeting someone knowledagble about ENUM said someone in industry made it impossible to do ENUM in US

Walt: what were they saying? all it takes is SRV records

Mike LaHaye: maybe carriers tried to sabotage it

Walt: never slowed us down before. ENUM is E.164 parsed backwards

Ben: let's come up with list

Walt: ENUM, arbitrage, E.164, GDS, simon, IMS

Bob: should post to list and explain what each one means

Walt: have explanation for each one, how org A connects to org B

Ben: anything else for the list? no

Walt: IMS, cisco has some proprietary stuff, we should talk to cisco about that. SIP is straight redirect, IMS does internal call routing, understands devices, makes signaling connections, encoding has to be same, call setup says where are devices what are they and how do you get to them. Cell companies do something like this

Ben: will set up wiki. what order?

Walt: do IMS last, builds on the rest

Thanks everyone!