

Recent SAP Storms

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Global Research NOC at Indiana University

Joint Techs Workshop

July 2008

Lincoln, Nebraska

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- Background - what is SAP and why/how do people use it?
- Bad things that can happen -- and did!
- The easy way to protect your network.
- The less easy problems we can't easily fix.
- Is there a long-term grand plan?
- How do I get more information?

So what is to be done?

- Fix miniSAPserver code -- <check!>
- Introduce a cleaner, simpler, better written SAP/SDP server -- <check! Frank Fulchiero is beta'ing one right now, which he sponsored Joe Huber to write: "EasySAPAnnouncer">.
- Fix your routers! Get rid of "sap listen"!
- What about forgetting this ASM and SAP stuff altogether - how about SSM?
- How about the WIDE proposal? "Channel Reflector: Multicast Channel Announcement System" (Hitoshi Asaeda). <http://www.sfc.wide.ad.jp/~asaeda/talk/2007f-I2-Asaeda.pdf>
- Some other looser peer-to-peer solution?
- Whether ASM or SSM, should Internet2 be some sort of central repositary, like a wiki or web page, or some other multicast session announcement mechanism?