

# How we got here

*“The joy of PBX reachability”*

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*Somewhere on the Internet*

# How we got here

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- Two models of reachability
  - RFC 3263 for domains
  - RFC 3261 REGISTER for UAs
- Small SIP-PBXes are somewhere in the middle
  - Trust relationship with SP more like a UA than domain
  - Dynamic IP addresses assigned to SIP-PBXes
- Could have been deployed with 3263, but weren't
  - ... with DYN-DNS, but weren't
- Could have registered every line, but didn't
  - ... for a variety of reasons, some of them good 😊

# Where we are now

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- Everyone (mis-)uses REGISTER
  - “Implicit Registration”
  - Register one AOR and other AORs are also registered
- Everyone uses REGISTER in different ways
  - ETSI/3GPP defined one set of procedures
  - SIP-PBX vendors implement a variety of procedures
- SIPconnect 1.1 would like to “do the right thing”
  - Timeline concerns
  - Will anyone change their deployed implementations?
- MARTINI chartered with short timeline
  - And without selecting a solution in the charter