

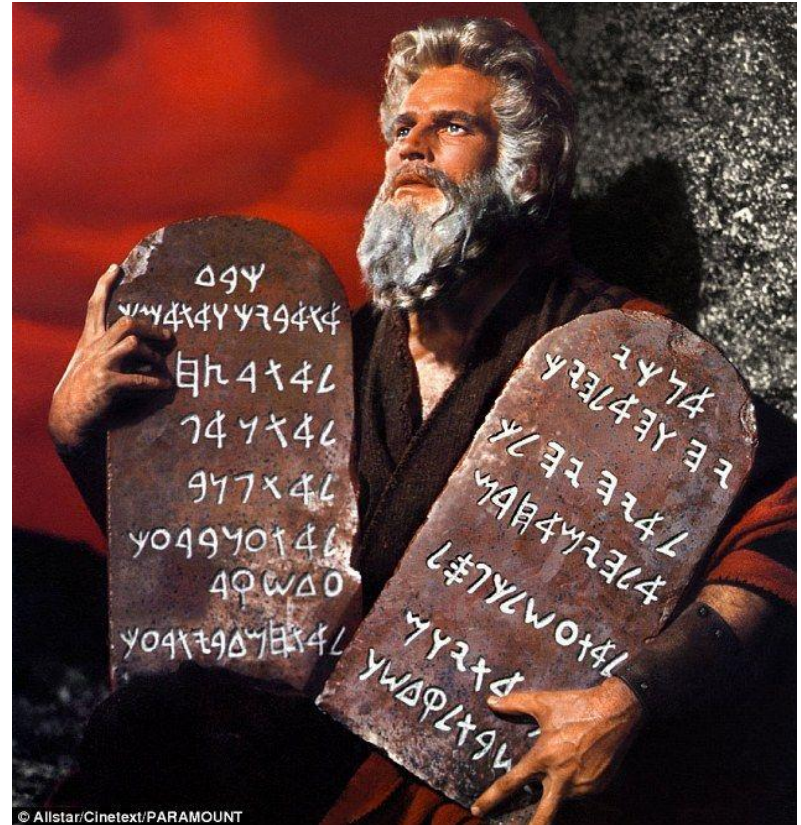
STIR SHAKEN – OPEN ISSUES

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My partial list ...

- IP Interconnection
 - Why Cant we solve this? Do we have to declare Interconnected SIP Title II?
 - The British declared the end of TDM/SS7 by 2025
 - We may hear from Canada about this
- Display ...
 - If RCD is coming, what do we need to do?
 - Interop testing .. We know experiments have been held
 - SIPIT?
- Enterprise Inbound and Outbound
 - What data gets passed across the AS and why
- Multihoming

My partial list ...

- Canonicalization of the Phone Number
 - Inconsistent E.164 presentation can result in verification failure.
- The endless problems with TCP vs UDP packet fragmentation
 - Where have we heard this before..
- 607 608 Call Blocking Error codes. FCC Petition for Reconsideration
- Diversion aka Call Forwarding.
- Improper attestation.
 - Add more granularity in attestation??

TDM Interconnection Kills STIR/SHAKEN

- My wild guesstimate is that 35% of all calls in the US will not be able to be validated. We just don't have any good data here.
- There may be perverse incentives to drop calls from SIP UA's to TDM.
- All IP at Interconnection can work for TDM centric networks.
- TDM > Media/Signaling GW > SBC SBC > Media/Signaling GW > TDM
- The SIP Forum / ATIS NNI Task Force published the first IP Interconnection Routing Report (2014):
 - https://www.sipforum.org/download/joint-atissip-forum-technical-report-ip-interconnection-routing-atis-1000062-sipforum_twg-6/?wpdmdl=2780