

SIP
PROXY ROUTER

MEDIA SERVER
PBX

Integrate
Interconnect
Innovate



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it doesn't mean is not yet possible

it is about how to make it easier

INTEGRATE




- log formatting
 - common prefix for easy correlation
 - callid, cseq, ...
 - troubleshooting
 - unit testing
- user profile and database structure (there are views but ...)
 - authentication (plain text, md5 ha1, ha1b, sha256 ...)
 - user location
 - presence

INTERCONNECT



- ad-hoc and realtime propagation of information (e.g., via headers)
 - in the forwarded/generated request/response
- examples
 - retransmission timeouts
 - next hop address (route)
 - location/presence states

INNOVATE

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- do not wait specs for others (IETF, ITU, ETSI, ...)
 - xfs model
 - collaborate to define new features, services
 - amend or go around existing specs
 - avoid useless roundtrips
 - allow dynamically new server nodes
 - auth - api key (shared secret between server apps)

INNOVATE



- optimization for mobile and iot
 - client app devs wanted here
 - get rid of “not needed” headers
 - fetch data from server app
- security and privacy
- auto-provisioning of end points/cpe
- federation and open peering

YOUR TURN



???

Thank you!