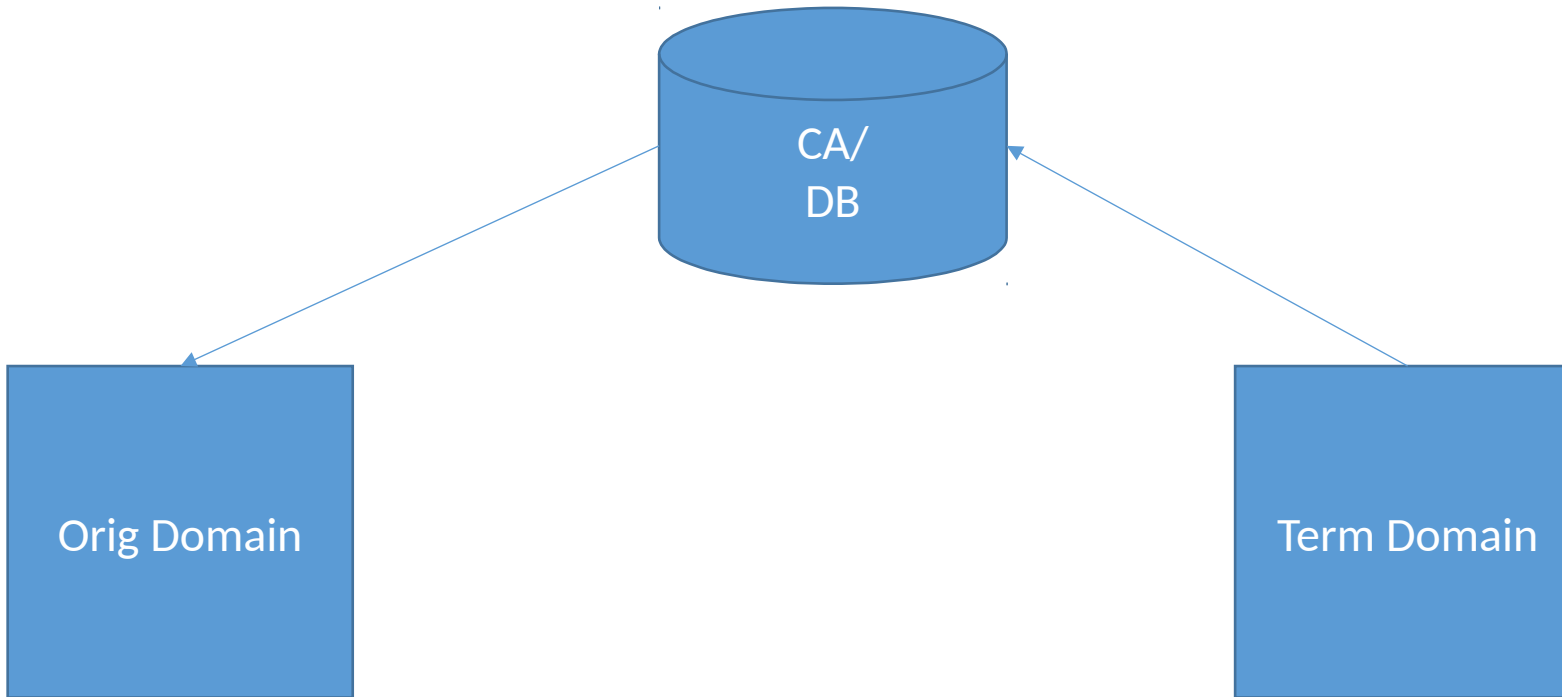


STIR Callback

draft-rosenberg-stir-callback-00

IETF 101

Problem Statement(s)

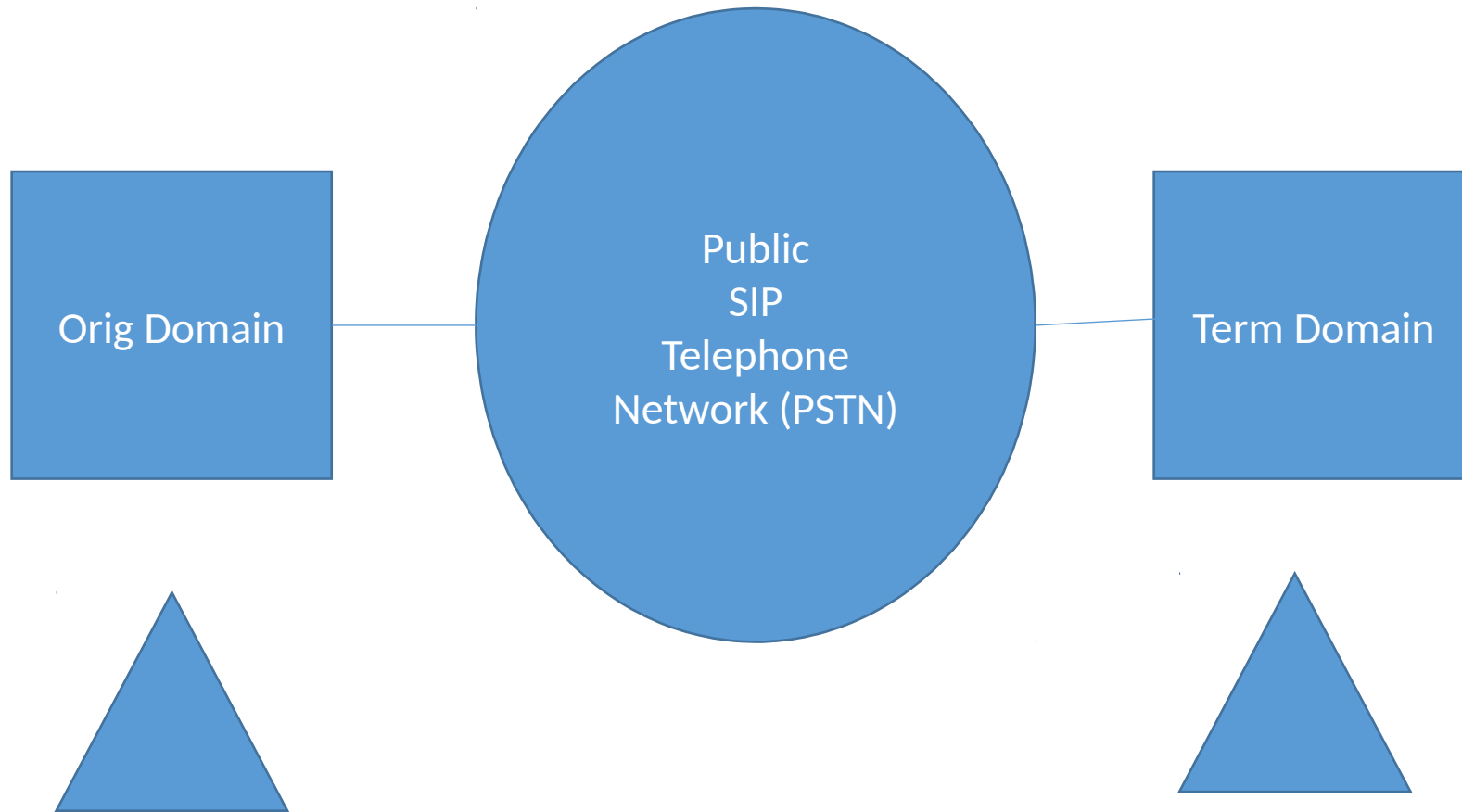


3 Party Dependency Problem

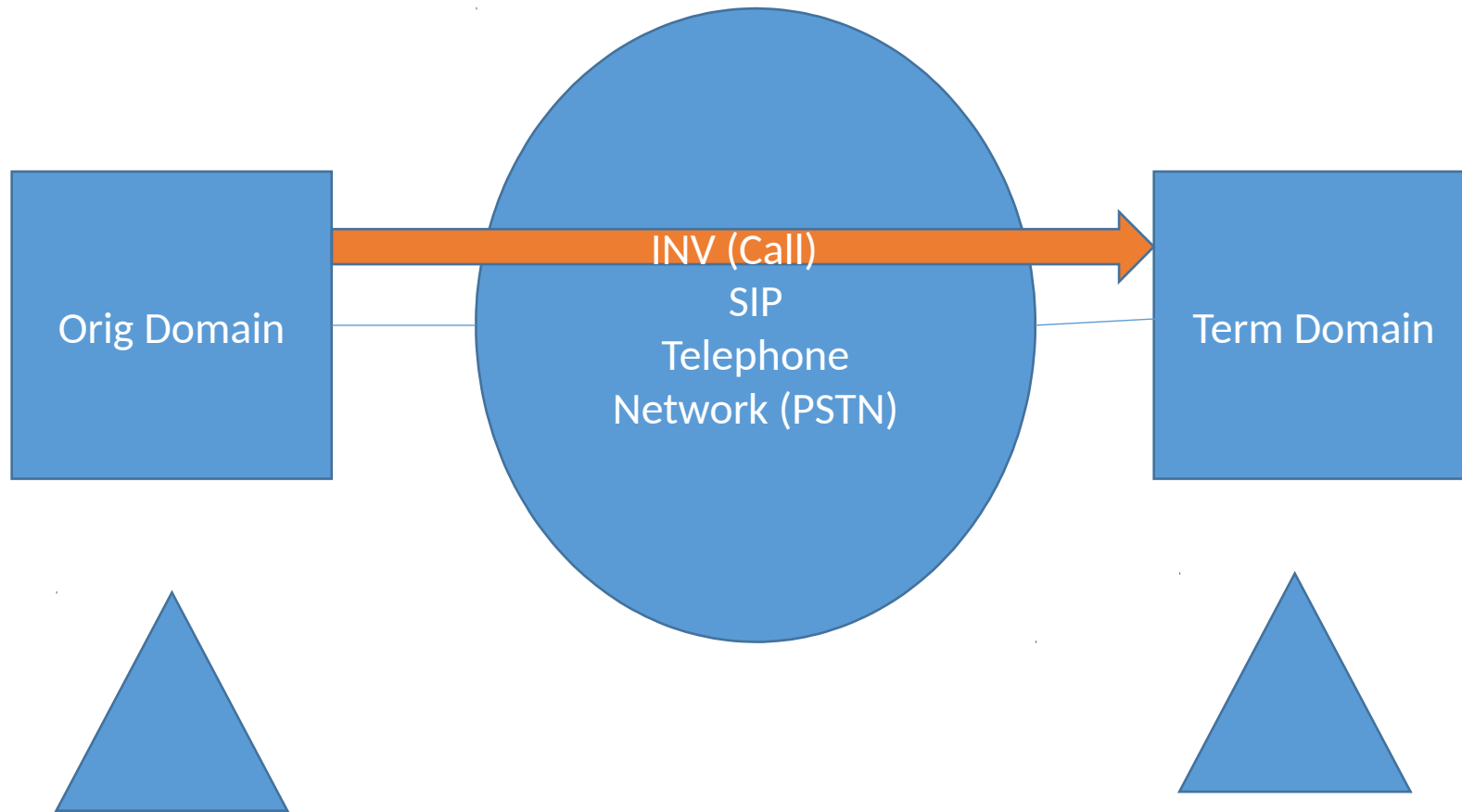
It's the Long Tail

- US CLECs – 3000ish of them
- International calls and providers
- B2B Calls

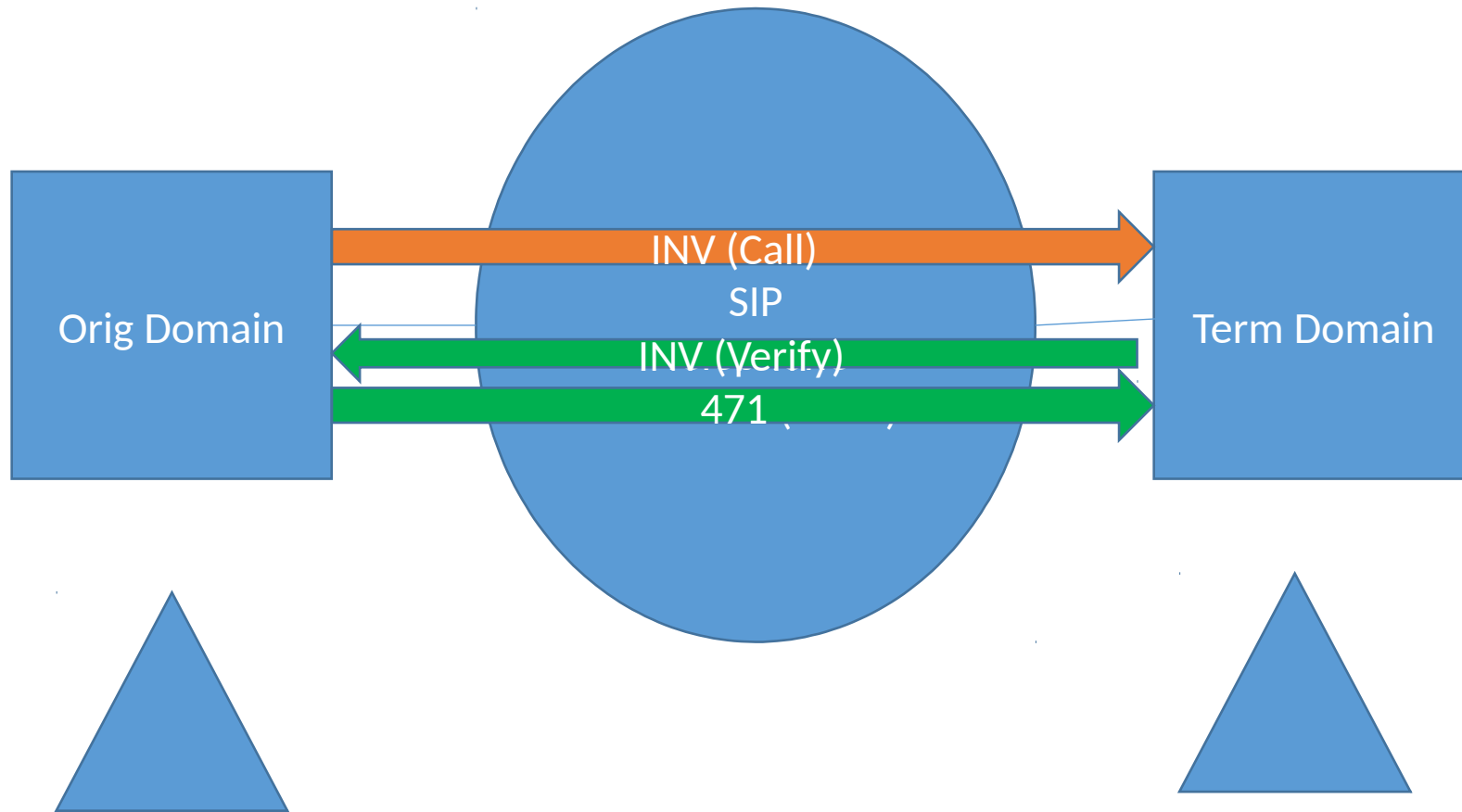
How does it work?



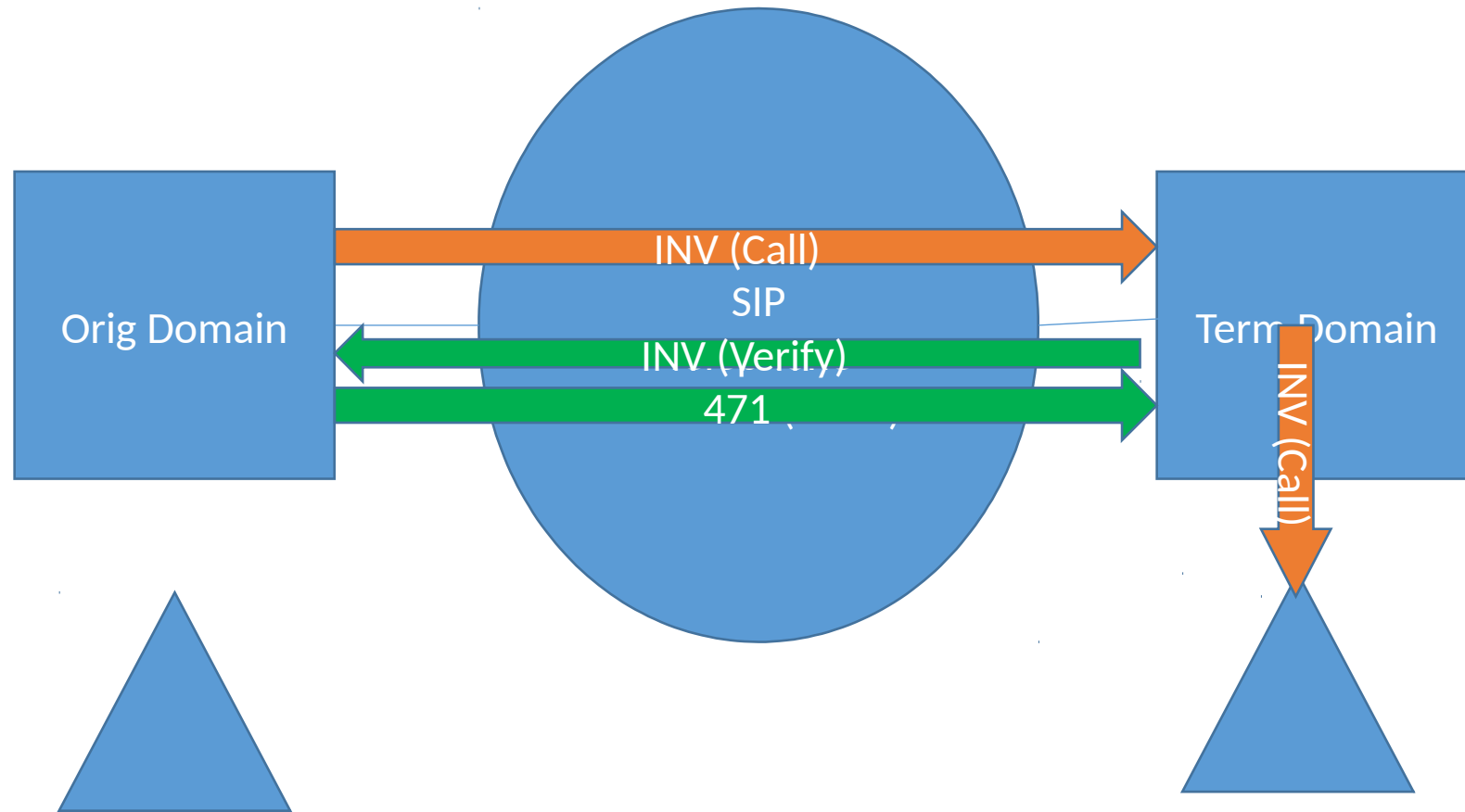
How does it work?



How does it work?



How does it work?



Complementing RFC8226

- Tool in the toolbox –
 - If the incoming INVITE has a certificate and number is valid – great! BUT –
 - if incoming INVITE doesn't have certificate for TN – verify
 - If incoming INVITE has a cert but its for an OCN and terminating carrier cannot verify TN is within carrier range – verify

Bootstrapping RFC8226

- FFS – terminating domain generate certificates attesting to number ownership and pass back to sender?