

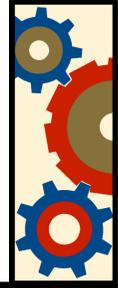


Reflector Attacks Using DNS Infrastructure

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ISC

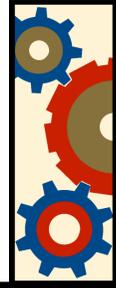
The short version



- Since Mazu just did such a great job, I get to hit delete a lot on my slides.
- So: what's left



ISC & non-ISC



- ISC
 - Changing default configuration to turn off recursion
 - Publish ISC technote on hints to configure ACLs
- Non ISC
 - Working on i-d documenting BCP on open resolvers



Keep in mind



- While DNS can give you a good amplification factor, non-amplified, spoofing attacks are a clear and present danger
 - Eg, use NTP, use authoritative DNS Real, ...
solution: BCP 38
 - Anti-spoofing BOF later today.

