Scalable DNS-SD (SSD) Threats
(draft-otis-dnsssd-scalable-dns-sd-threats)

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What we covered

- Threats of publishing DNSSD names in Global DNS

- Possible Attacks on different services in DNSSD by the use of existing global DNS attacks

- ULA lack of support and threats of exposing DNS-SD to unwanted scopes
Changes to Draft

Additional editing needed to use a more accurate model of DNS, mDNS and other name resolution mechanisms as the basis for the threat analysis. The changes focuses on:

- Not publishing all DNS-SD names in Global DNS for Homenet

- Special Use Domains must exclude vulnerable services from global DNS Section 2.1.1: Clarification regarding .home namespace and unrestrained access for devices lacking necessary resources when exposed by DNS-SD in global DNS

- Service names and IP addresses can not be altered for devices not supporting DHCP w/ IPv6

- Terminology modified to better reflect the namespace