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DNSSD WG



# Scalable DNS-SD (SSD) Threats

## (draft-otis-dnssd-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

