

.homenet.

Special Use Domain Name

draft-ietf-homenet-dot-00

What's the plan

- Redact .home from RFC7788 (*homenet-redact*)

"Thou shalt not use .home" (IETF chairs and ADs)



- Replace '.home' with '.homenet' in RFC7788 (*homenet-dot*)

'homenet' reserved as special use domain name (RFC6761)

Update RFC7788 to use '.homenet' as default.

The two documents will be processed together

Why do we need a default TLD already ?

- Need naming in the **absence of connectivity to the internet**
 - Cannot always rely on an ISP for dynamic and mandatory delegation.
- Need naming in the **absence of user configuration**
 - Cannot rely on an advanced user reserving one and configuring it
- Must be **user friendly**
 - Yes we would like users to not see them. But they will !
- Therefore, we need a **default value**
 - Or any vendor will just pick one... **ANY** one.

.homenet specifics (For RFC6761 Process)

- Name ending with '.homenet' **MUST refer to services that are only reachable from the home network.**
- Queries for such names **MUST NOT leave the administrative boundaries of the home network.**
- DNS servers and recursive resolvers **MUST NOT, *by default*, forward queries** for such names.
- DNS servers and recursive resolvers **MAY be configured to forward such queries or act as authoritative** for such names.

Configuration comes from HNCP.
Details on this configuration is in RFC7788.





**KEEP
CALM
AND
ARGUE
ON**