# Outsourcing Home Network Authoritative Naming Service

draft-mglt-homenet-front-end-naming-delegation-04.txt

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## Scope of the Document

End Users need to publish on the Internet a Homenet Zone

- Have services in their home networks
- Want to reach these service from the Internet
- Want to use names instead of IP addresses

Homenet devices are not designed to host the Authoritative Service

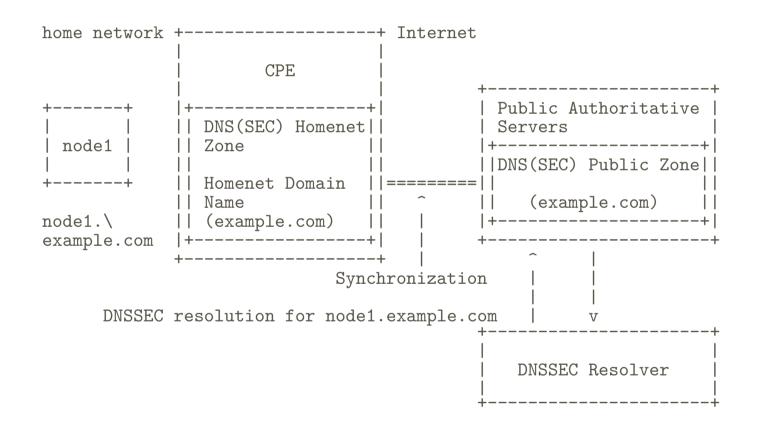
Subject to resource exhaustion attacks

The document exposes how to outsource the Authoritative Service to a third party

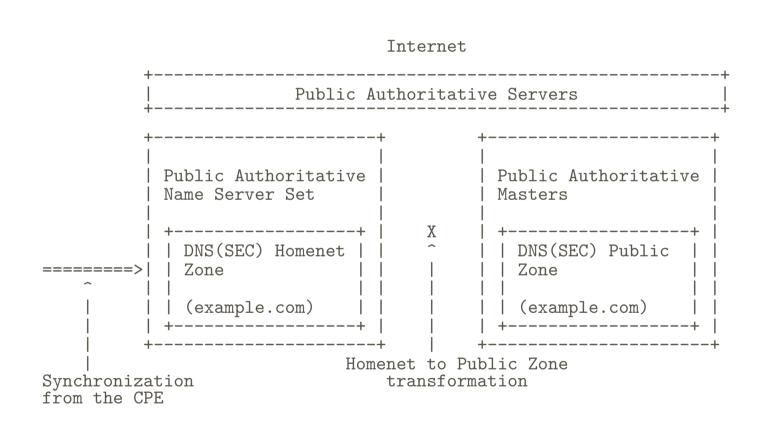
- It is an informational document
- It recommends to use a Master / Slave architecture
- Re-use existing protocols
- Defines terminology

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## Architecture Description



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## Change log

Current version clarified the text and addresses the following issues:

- Outsourcing DNSSEC Zone.
  - Expose why it is recommended for the CPE to sign the Zone
- Secure Delegation
  - Expose how secure delegation could be set
- DNS Views
  - Recommend not using them
- Reverse Zone
  - Expose the reverse zone particularity.

#### Next

I beleive we have addressed all received comments (Thank you for the feed backs)

A last comment suggested to be more generic and not use the term CPE:

- Should we keep the term CPE and explicitely mention it is an example
- s/CPE/Internet Homenet Authoritative Server/
- other opinion?

Any other comment?

Thank you for your attention