

Outsourcing Home Network Authoritative Naming Service

draft-mgmt-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

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 believe we have addressed all received comments (Thank you for the feedbacks)

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

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

Any other comment?

Thank you for your attention