

IPv6 Home Network Naming Delegation

draft-mgmt-homenet-front-end-naming-delegation-02.txt

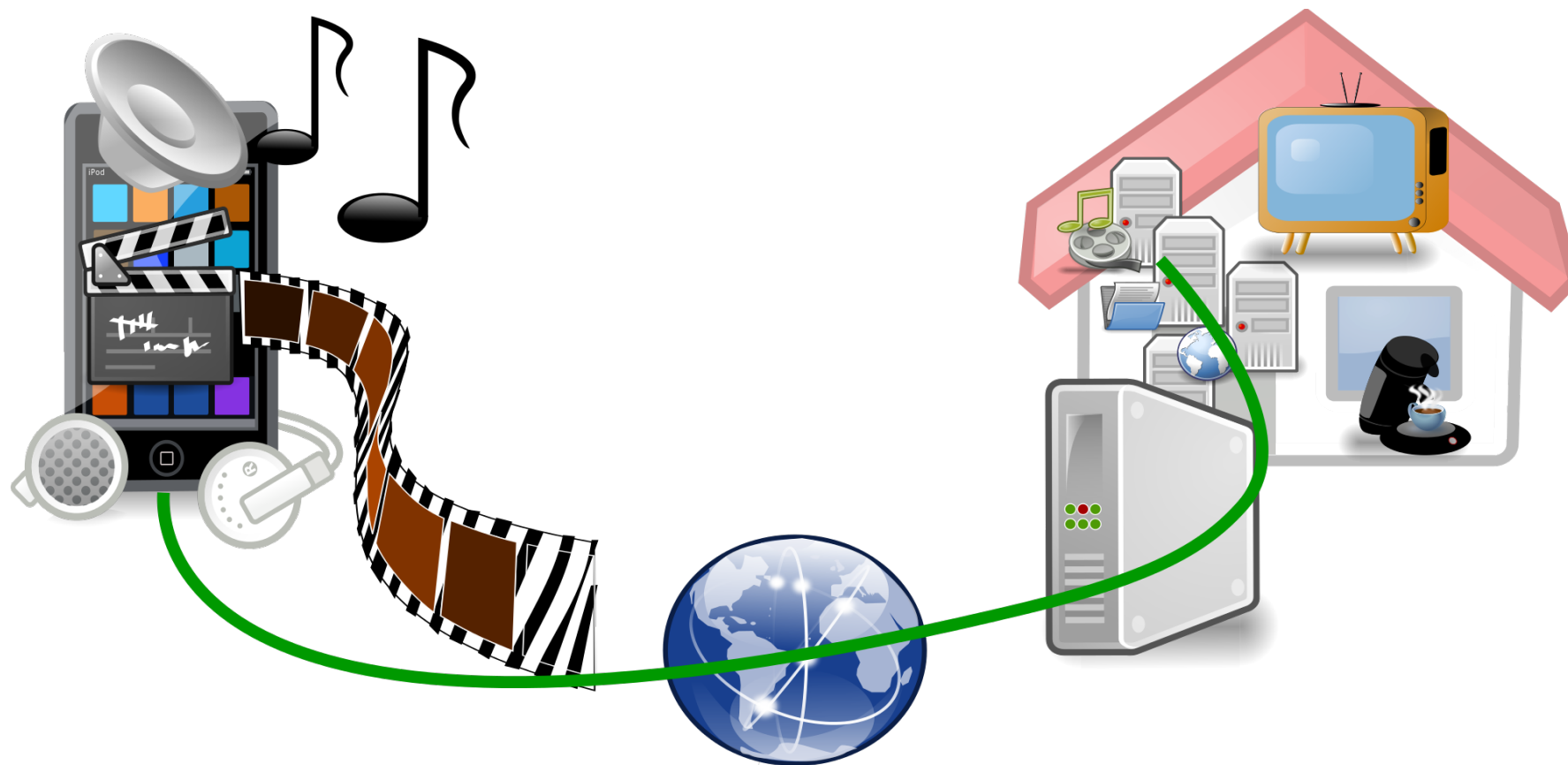
D. Migault, W. Cloetens, C. Griffiths, R. Weber

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Problem Statement



Problem Statement

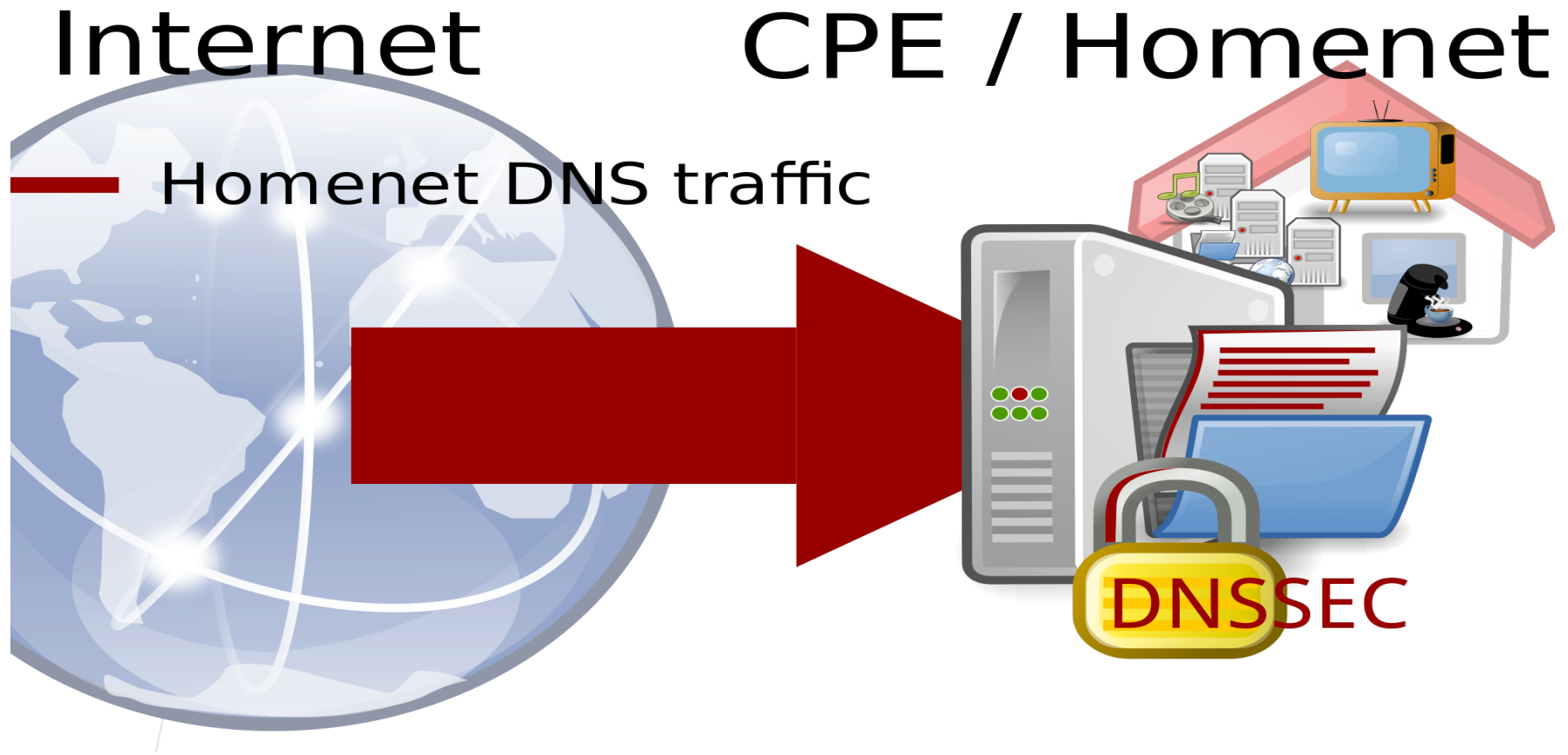
People wants to access their home services home device using names

- CPE are legitimate candidate to manage names within the Home Network

However,

- CPE hardware is not designed to:
 - ▶ Host DNS(SEC) services on the Internet
 - ▶ Proceed to heavy DNSSEC operations like zone signing
- CPE are usually managed by end user
 - ▶ That MAY not be likely to manage DNSSEC zones (key roll over, ...)

Public Authoritative Server



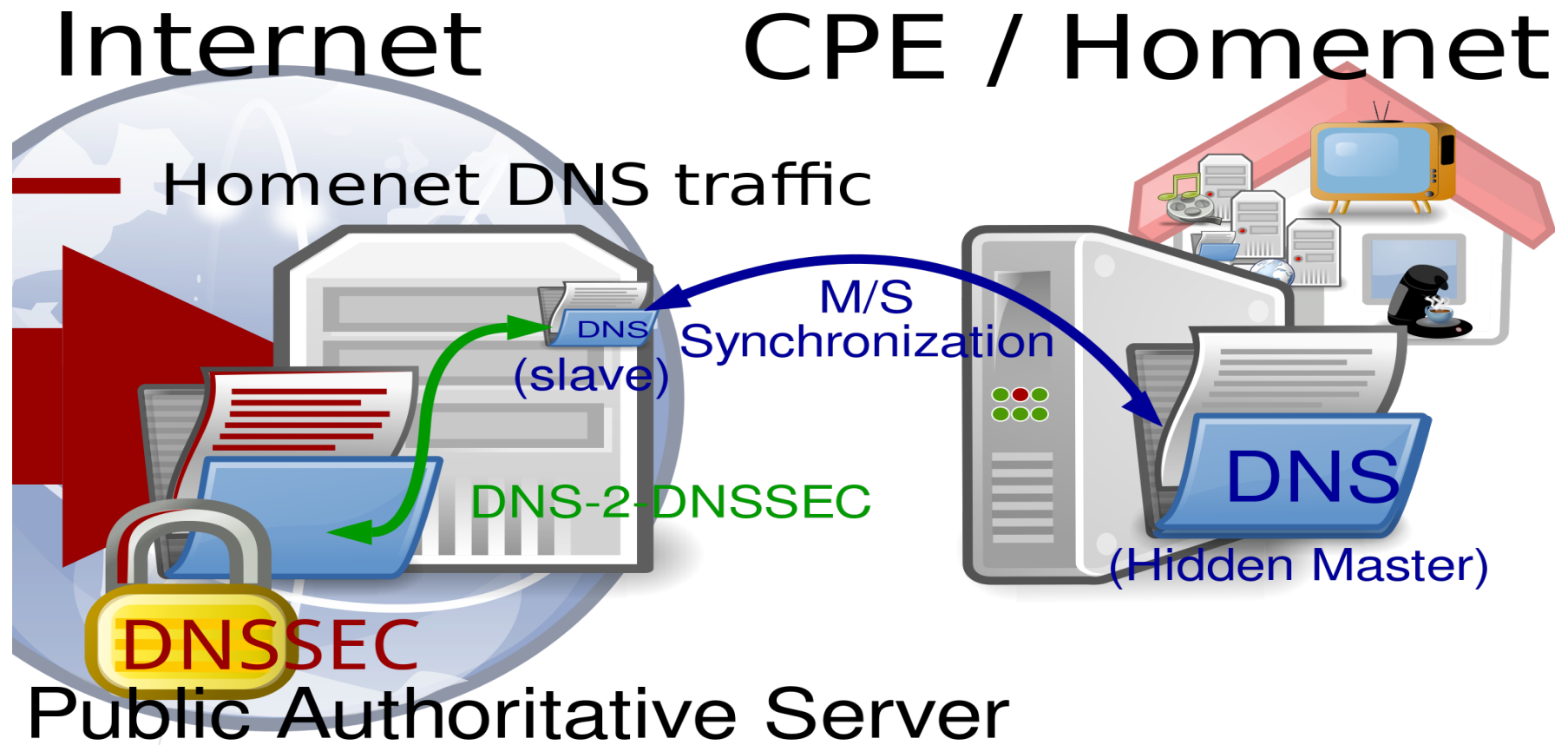
Public Authoritative Server

The document introduces the Public Authoritative Server that:

- Synchronizes the DNS Homenet Zone with the CPE
- DNSSECs the DNS Zone
- Hosts the DNSSEC Homenet Zone on the Internet

Synchronization of the DNS Homenet Zone is performed with DNS Master/Slave

Public Authoritative Server



Thank you for your attention