Discovery of Encrypted DNS Resolvers: Deployment Considerations

draft-boucadair-add-deployment-considerations
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Approach

• *Simplified architectures* to capture the root deployment issues to be covered by ADD protocols
  – This doesn't go into network-specifics (e.g., cellular, homes, etc.)
  – More focus on ADD exchanges
• Deployment/deployability is key
  – Describes many of the conditions under which ADD solutions can be used, particularly in consumer(home router) scenarios
  – May reveal some “hidden” assumptions
Reminder

• The content *was part of the DNR* spec

• Moved to a separate document as per comments from the WG
  
  – *Reason*: the deployment may *not be specific* to DNR and having a *generic document* would be more appropriate
(current) Scope

• List a set of target deployments
  – Both managed and unmanaged home router scenarios are covered
  – Fixed and cellular networks

• Focus on hosting forwarders in local networks
  – For both managed and unmanaged CPE (ISP-facing or internal)
    • Provisioning DV public certificates
  – Legacy CPEs
    • Only config change possible: DDR
    • Non-upgradable/config change not possible: draft-schwartz-add-ddr-forwarders
Next Steps

• Is there interest to maintain this effort?
  – If so, should we adopt as Informational?