Overview

• Homenet is using DNSSD Discovery Proxy as the basis for the Simple Homenet Naming Architecture
• Some of us would also like to use the DNSSD registration protocol as a basis for supporting unicast publication of service info
• My plan at present is to pursue one document that provides simple naming (already adopted) and a second document that provides the unicast solution
• Advanced naming will layer on top of simple naming, so if you have one advanced HNR and a dozen simple HNRs, you have advanced naming
Why do you care?

• The advanced homenet naming architecture also looks a lot like a small business architecture.
• Advanced homenet naming has some useful new security properties because of support for service registration.
• Advanced homenet naming addresses the deployment aspect of the Educause use case, which is not explicitly addressed by e.g. Hybrid Proxy alone (that is, it might be worth stealing).
Status

• Simple Homenet naming has been reorganized and updated
• Needs significant work prior to publication
• Depends on Discovery Relay
• Advanced Homenet Naming is mostly not written, although some text can be stolen from the old HNA document
• Advanced Homenet Naming depends on DNSSD Registration
Our ask for DNSSD WG

• Please adopt DNSSD Discovery Relay  
  (draft-sctl-dnssd-mdns-relay-03)
• Please adopt DNSSD Registration  
  (draft-sctl-service-registration-00)
• Please adopt the other stuff we’re working on, because it’s interdependent  
  (draft-sctl-discovery-broker,  
   draft-cheshire-dnsssd-roadmap-00)
• Please read the Simple Homenet Naming Architecture  
  when the new version comes out
• We will let you know when that happens
What we particularly want out of that review

- Advice about what is missing, if anything
- Consider the use cases this architecture could address that are relevant to DNSSD