Ad Hoc
IP Addressing
draft-ietf-autoconf-adhoc-addr-model
- Interface to link with undetermined connectivity?
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- No other interface “planned” on-link

- Interfaces should not appear to be on same IP link
- Interface to link with undetermined connectivity?
- No other interface “planned” on-link
- Interfaces should not appear to be on same IP link
- One solution: prefix length /128 (or /32)
- Routing: address uniqueness requirements?
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- Uniqueness within 1 hop, several hops, domain
- Routing: address uniqueness requirements?
- Uniqueness within 1 hop, several hops, domain
- “One-size-fits-all” = satisfy most stringent
- Interface address should be unique in domain
Use of Link Local Addresses

- Uniqueness across several IP hops/links?
- No forwarding of IP packets with LL as source
- No discrete on/off link events to trigger DAD
Use of Link Local Addresses

- Uniqueness across several IP hops/links?
- No forwarding of IP packets with LL as source
- No discrete on/off link events to trigger DAD
- *It is recommended to use other types of addresses*
Next Steps

- Continue discussion
- Identify potential clarifications