Reachability & Failure Detection

draft-ietf-shim6-failure-detection-03

Jari Arkko
Iljitsch van Beijnum

IETF-65
Outline

• Status & history
• Issues
• Next steps
Status and History

• Discussed in IETF-64
• Redesign of the exploration protocol
• -03 submitted in December
• -03 being considered for WGLC
Issues - Termination (Geoff)

- Current draft continues forever
- Only garbage collection of state terminates the process
- Is this correct or should it be terminated earlier?
Issues - Probe timing (Geoff)

• Draft recommends an exponential backoff process
• But are there initial timer values?
• What about maximum timer values?
Issues - Deprecated addresses (Marcelo)

• Draft recommends moving away from an address that has become deprecated
• But likely it will take hours before the address becomes invalid
• Good idea to move new communications to other addresses, but should this have an impact in SHIM6?
Next Steps

• Draft update?
• WGLC?