Reachability & Failure Detection

draft-ietf-shim6-failure-detection-03

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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?