Protecting Internet Key Exchange Protocol version 2 (IKEv2) Implementations from Distributed Denial of Service Attacks

draft-ietf-ipsecme-ddos-protection-05

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What’s new

• Multiple (4) puzzle solutions introduced
• Document structure changed
  – possible (D)DoS attacks during different phases of the protocol are described and countermeasures are suggested
  – puzzles are introduced as an additional defense mechanism
  – detailed description of using puzzles in the protocol moved to the end of the document
What’s new (continued)

• A lot of text improvements and clarifications based on feedback from WG members

• WGLC since 1 March
Next steps

• Recent discussions in WG demonstrate that a few more clarifications are needed
• Next version shortly after IETF meeting
Thanks

• Comments? Questions?
• Please review and comment