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Status

- Updated based on review comments posted by Pete McCann and Simon Mizikovsky
Clarified “What does it mean for home networks to be overlaid?”
  - “GRE tunneling with the Key field allows the operators to have private home networks that consist of multiple Virtual Private Networks (VPNs), which may have overlapping home addresses.”

Added “The presence of this extension is a request for GRE encapsulation that takes precedence over the setting of the 'G' bit in the Registration Request. FA MUST NOT modify the 'G' bit in the Registration Request because it is covered by the Mobile-Home Authentication Extension.”

If the HA receives the GRE Key Extension in a Registration Request and does not recognize this non-skippable extension, it MUST silently discard the message per [RFC3344].
Version 1 Changes (2 of 2)

- Corrected error codes and converted them from hex values to decimal values
- Format of extension changed to long format (non-skippable)
- Clarified that GRE Key extension has little to do with security
- Editorial comments are resolved
Discussions

- Suggestion: “If MN does not set the G-bit, the FA MUST NOT add the GRE-Key extension.” BUT ..
  - Backward compatibility issue with unset G-bit (i.e. cannot force MN to set G-bit in request)
  - FA-HA tunnel type is not relevant to MN in this case – allow FA to override

- Related to above: Use of non-skipping extension requires support by HA to avoid silent discard of request
  - Since Home Address may overlap, GRE Key setup is required for registration

- Others?
Next Step

- Identify any outstanding issues encountered in WG discussions and resolve them
- Ready to complete WG Last Call?