Requirements for indication of features supported by a SIP proxy

IETF#81, Quebec City, Canada

draft-ietf-sipcore-proxy-feature-reqs-00

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› Allowing SIP proxies to convey information relating to the proxy's supported features/capabilities.

› (Similar to RFC 3840 mechanism for SIP UAs)

"I CAN do this."

HISTORY

› **draft-holmberg-sipcore-proxy-feature-xx**
 – Contained very few requirements
  › Assumption that whatever applies to UAs implicitly also applies to proxies, and does not need to be specified.
 – Contained protocol mechanism
 – Contained use-cases based on 3GPP usage

› **draft-ietf-sipcore-proxy-feature-reqs-00**
 – Protocol mechanism removed
  › Based on phone meeting with WG chairs and RAI ADs.
 – Contains only use-cases and requirements
 – Increased, and more detailed, number of requirements
  › Based on comments/questions from Robert Sparks
  › No more implicit assumptions that whatever applies to SIP UAs also applies to SIP proxies

KEY POINTS

› **REQ-4**: A SIP proxy MUST NOT, when indicating support of a feature/capability, make any assumptions that SIP entities in the signalling path that receive the indicator will support, or understand the meaning of, the feature/ capability.

› **REQ-9**: A feature/capability support indicator MUST only be used to indicate support of a feature/capability, and MUST NOT be used to indicate whether procedures associated with the feature/capability have been applied or not.

COMMENTS

› Dale Worley/John Elwell

Modify:

REQ-4: A SIP proxy MUST NOT, when indicating support of a feature/capability, make any assumptions that SIP entities in the signalling path that receive the indicator will support, or understand the meaning of, the feature/capability.

...to:

REQ-4: A SIP proxy MUST be able to indicate support of a feature/capability to other SIP entities in the signaling path, even if some SIP entities in the signaling path (possibly including the UAC and/or UAS) do not support, or understand the meaning of, the feature/capability, or even this mechanism as a whole.

PROPOSAL TO THE WG

› **1**. AGREE ON REQUIREMENTS

› **2**. START WORK ON PROTOCOL MECHANISM

› NOTE: INTENTION IS **NOT** TO AGREE ON PROTOCOL MECHANISM.

THANK YOU FOR LISTENING!