

# Diameter Group Signaling

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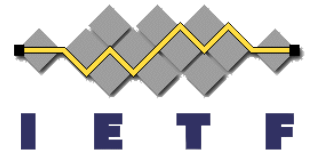
Wednesday, July 22<sup>nd</sup>, 2015

draft-ietf-diameter-group-signaling-05

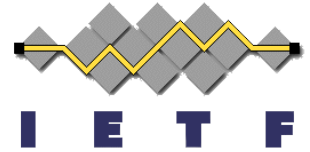
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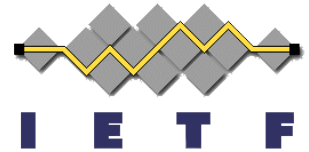


# Summary of 5<sup>th</sup> revision



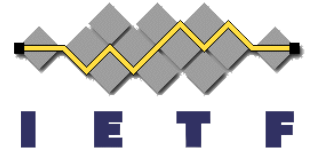
- Clarification and readability
  - Revised Permission Consideration section
    - Clarification on peer vs. node
    - More clarifying text in the table
  - Session being in multiple groups
    - Specification permits
    - When used, applications needs to take care of application session state consistency in multiple groups
  - Maintaining consistency when using Proxy Agents
- Structure
  - Moved Capability Discovery in front of session grouping and group operations

# Summary of 5<sup>th</sup> revision



- Protocol operation
  - Added support for server rejection of client's group assignment
    - Rejection is supported now
    - Example: Server is out of resources to handle more session groups
    - Still different from overruling, which is not permitted as per this specification.
  - Avoid the need for client rejection of server's group assignment
    - Server only assigns a new session to a group when Client includes Session-Group-Info AVP in the request
  - Client can explicitly request server to assign session to a group (server assigned, but client requested)
  - All rejections/requests signaled by setting/clearing the SESSION\_GROUP\_ALLOCATION\_ACTION flag of the Session-Group-Control-Vector AVP → too costly?
  - Statement about increased delay when processing group commands (timeout)
- Filled Security Consideration section

# Next Steps



- Need more reviews, in particular checks on protocol level
- Expert reviews? WGLC?