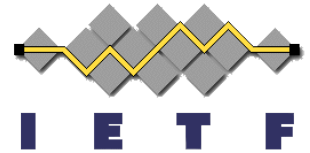


# RADEXT WG

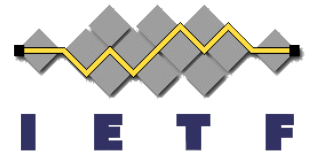
## IETF 91

Rechartering



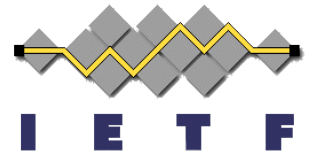
# Why?

- Current charter doesn't allow us to take on new work that is waiting in the queue
- Has an anachronistic Diameter entanglement
- Contains obsolete text of work which is done and finished
- Does not allow housekeeping re Document categories (FYI -> STD ?)



# Suggested Changes (1)

- Old: features in very limited areas
  - The RADIUS Extensions Working Group will focus on extensions to the RADIUS protocol **required to expand and enrich the standard attribute space, address cryptographic algorithm agility, use of new secure transports and clarify its usage and definition.**
- New: broader statement
  - The RADIUS Extensions Working Group will focus on extensions to the RADIUS protocol **pending approval of the new work from the Area Director.** ~~required to expand and enrich the standard attribute space, address cryptographic algorithm agility, use of new secure transports and clarify its usage and definition.~~
- -> CoA Proxying, Bigger Packets in scope now!

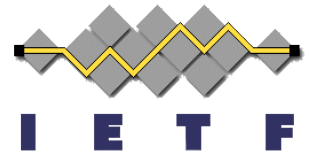


# Suggested Changes (2)

- Old: strict Diameter Compatibility
  - In order to maintain interoperation of heterogeneous RADIUS/Diameter deployments, all RADEXT WG work items except those that just define new attributes **MUST** contain a Diameter compatibility section, outlining how interoperability with Diameter will be maintained.
- New:
  - ~~(void)~~
  - RADIUS and Diameter are diverging more and more, direct compatibility not objective of paramount importance any more. (See Lionel's AAA Introduction at IETF89 as example)

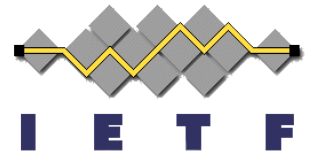
# Suggested Changes (3)

- Mostly Unchanged: Backward compatibility
  - Furthermore, to ensure backward compatibility with existing RADIUS implementations, as well as compatibility between RADIUS and Diameter, the following restriction ~~is-are~~ imposed on extensions considered by the RADEXT WG:
    - All documents produced **MUST** specify means of interoperation with legacy RADIUS and, if possible, be backward compatible with existing RADIUS RFCs, including RFCs 2865-2869, 3162, 3575, 3579, 3580, 4668-4673, 4675, 5080, 5090, 5176 and 6158. Transport profiles should, if possible, be compatible with RFC 3539.



# Suggested Changes (4)

- New: Document Track Changes
  - The WG will review its existing RFCs' document track categories and where necessary or useful change document tracks, with minor changes in the documents if needed. Any changes to document tracks require approval by the responsible Area Director.
- This allows e.g.
  - RFC6614 move from EXP to STD track
  - RFC3579 from FYI to STD track?
  - RFC2866? Probably needs more than “minor” treatment.



# Work Items update

- ~~RADIUS attribute space extension.~~
- ~~IEEE 802 attributes.~~
- ~~New RADIUS transports.~~
- ~~Update and clarification of Network Access Identifiers (RFC4282).~~
- ~~Fragmentation of RADIUS packets.~~
- ADD Paragraph describing CoA proxy work
- ADD Paragraph describing Bigger Packets work
- Mark Milestones as Complete
- ADD new Milestone for CoA Proxy.

# Feedback?

