

# RADIUS Issues & Fixes

<http://www.ietf.org/internet-drafts/draft-aboba-radext-fixes-03.txt>

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# Introduction

- Increasing deployments of RADIUS clients and servers.
- Implementation and interaction problems.
- Document strives to address issues, and suggest fixes.
- Proposed as WG item.

# Changes from -02

- Minor clarifications
- Language change
- Grammar changes

# Suggestions

- Proper client use of State attribute.
- Request ID supplementation (RFC 3579, 2.6.1) is complex, draft offers alternative.
- Re-transmits should use jitter and congestive back-off to avoid creating problems.
- Handle overload conditions by selectively accepting requests for ongoing sessions.

# Clarifications

- Accounting attributes may be included in Interim Updates.
- Multiple Filter-Id's should be avoided due to unpredictable side-effects.
- Clients **SHOULD** treat Access-Accept for unknown services as reject.
- Servers **SHOULD NOT** send VSA's to a NAS unless the NAS understands them.

# Corrections

- RFC 2869, Section 2.2 uses Access-Reject incorrectly, should use Access-Challenge.
- Multiple services to be handled individually.
- Define calculation for Message-Authenticator in Disconnect, CoA, and Accounting-Request.
- Authorize-Only is a subject for discussion.

# Questions?

- Address open issues, e.g.
- Clients ignoring responses after re-transmits (Issue #200)
- Document as WG item?
- Other?