RADIUS Issues & Fixes

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

David Nelson
Enterasys Networks
Bernard Aboba
Microsoft Corporation
Alan DeKok
Infoblox, Inc.

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Introduction

- Increasing deployments of RADIUS clients and servers.

- Implementation and interaction problems.

- Document addresses issues, and suggests 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?

- New revision to be submitted immediately following IETF

  - Will contain additional updates

- Relatively little discussion or disagreement on-list about these issues & fixes

- Document as WG item?

- Other?