

**draft-ietf-radext-ieee802-00**

**IETF-64  
Vancouver, BC**

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**Progress Since Last Time**

- No New Draft, too many unresolved issues
- A few are closed and some progress

- on multi-part issues
- Discussion required on many

## Issue Status

|                         |           |   |
|-------------------------|-----------|---|
| Closed                  | Issue 100 | Security Considerations                     |
| Alan DeKoK              |           |   |
| Closed                  | Issue 101 | WG Last Call Review                         |
| Pasi Eronen             |           |   |
| Mostly Closed / Pending | Issue 102 | NAS/QoS Filter Rule                         |
| Pasi Eronen             |           |   |
| Propose Accept          | Issue 108 | redir_cnt not included as a method of redir |
| removal Paul Congdon    |           |   |
| Propose Accept          | Issue 109 | HTTP NAS-Filter-Rules Always Assume Port 80 |
| Paul Congdon            |           |   |
| Pending                 | Issue 110 | Compliance and Coherence                    |
| Greg Weber              |           |   |
| Discuss                 | Issue 111 | Accounting                                  |
| Greg Weber              |           |   |
| Propose Combine         | Issue 112 | NAS-Filter-Rule Confusion                   |
| Greg Weber              |           |   |
| Pending                 | Issue 113 | Attribute Concatenation                     |
| Greg Weber              |           |   |
| Discuss                 | Issue 114 | WGLC Review                                 |
| Bernard Aboba           |           |   |
| Propose Accept          | Issue 115 | Editorial Comments                          |
| David Nelson            |           |   |
| Discuss                 | Issue 116 | Technical Comments                          |
| David Nelson            |           |   |
| Propose Accept          | Issue 129 | Editorial NITs                              |
| Paul Congdon            |           |   |
| Pending                 | Issue 130 | Diameter Compatibility                      |
| Bernard Aboba           |           |   |

# Issue 110 - Compliance and Coherence

## Issue Summary

Draft covers attributes applicable to different devices. How can you claim compliance?

## Submitter Recommendation

Split up draft

## Editor Recommendation

Compliance is handled in 2.2. Attributes that can't be supported or implemented  
are treated as an Access-Reject and the session is terminated.

## Status

No response to editor recommendation

# Issue 102 - NAS/QoS Filter Rule

## Issue Summary

Multi-part issue regarding NAS-Filter-Rule definition. Suggest ABNF and various fixes.

Issue on how to parse Tunnel-Assignment-ID which is a string and how to concatenate  
multiple attributes together.

## Submitter Recommendation

Partial ABNF provided. Use an escape character for Tunnel-Assignment-ID and an  
end-of-rule marker (though this absolutely necessary). Clarify Tunnel usage in the 'out'  
direction.

## Editor Recommendation

Agree to use an escape character (either \ or %<value>) to support Tunnel-Assignment-ID and end-of-rule markers. Consider incorporating Avi's tunnel discussion as an annex.

## Status

Direction agreed, need to produce proposed text.

# Issue 113 - Attribute Concatenation

## Issue Summary

Started out as discussion on concatenation of QoS-Filter-Rule, but evolved into a question about QoS-Filter-Rule in general. Also a conflict with 2865 was found.

## Submitter Recommendation

Request for clarification about concatenation.

## Editor Recommendation

Proposed clarification text to point out we are just leveraging syntax of QoS-Filter-Rule and explains how to concatenate - similar to NAS-Filter-Rule.

## Status

General issues with use of QoS-Filter-Rule syntax due to use of non-Radius types.

Last email suggest three possible ways forward.

1. Completely define QoS-Filter-Rule using ABNF similar to NAS-Filter-Rule
2. Define missing non-Radius types and fill gaps in Diameter definition
3. Drop the attribute from the draft

## **Issue 130 - Diameter Compatibility**

### **Issue Summary**

No Diameter compatibility section. Redefined NAS-Filter-Rule is incompatible with  
Diameter version

### **Submitter Recommendation**

Suggest defining NAS-Filter-Rule per 3588 syntax and create a new rule for L2, tunnel  
and redirect functionality.

### **Editor Recommendation**

Don't break apart because ordering can't be guaranteed.  
Consider attribute renaming.

### **Status**

No consensus in email

# Issue 116 - Diameter Compatibility

## Issue Summary

VLAN-ID is defined to be an Integer type, but it is believe to be a multi-field octect string.

## Submitter Recommendation

Suggests string type

## Other Recommendations

VLAN-ID is a 12-bit value. Its ok to use Integers for this. We aren't concerned with other fields of VLAN header.

## Status

No consensus in email

# Issue 111 - Accounting

## Issue Summary

Normative accounting usage for redirects is defined in the Annex. Unclear why START and STOP must be used instead of INTERIM

## Submitter Recommendation

Use INTERIM and move normative text out of Annex

## Editor Recommendation

If it is 'legal' and 'ok' to have normative text in an Annex, then leave this text here

because it is relevant to the supporting discussion. The accounting START and

STOP are used because a new session is created when redirection terminates.

## Status

???

# Issue 114 - WGLG Review

## Issue Summary

Multi-part issue. Remove Acct-EAP-Auth-Method. Since Acct-NAS-Filter-Rule counts hits

on a filter, why not use IPFIX? Overview re-write

## Submitter Recommendation

Remove Acct-EAP-Auth-Method, Acct-NAS-Filter-Rule. Rewrite Overview?

## Editor Recommendation

Remove Acct-EAP-Auth-Method. Discuss IPFIX and Overview issues

## Status

No consensus in email

## Next Steps

- Incorporate consensus from meeting
- Initiate email discussion on remaining items
- Produce -01 (ASAP) for review