



Yokohama, Japan

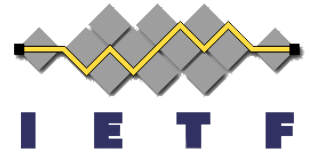
RADEXT WG

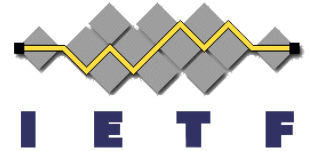
IETF 94

Agenda & Status

Tuesday, November 3rd, 2016

Chairs: Lionel Morand, Stefan Winter





Note Well

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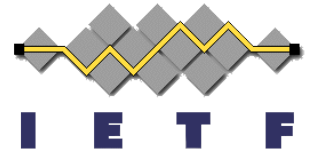
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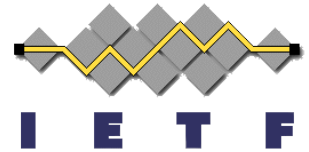
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Agenda 1/2

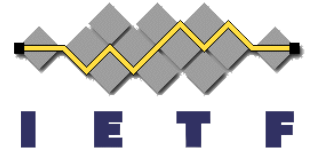
- ❖ Preliminaries (Chairs, 5mn)
 - ❖ Note takers/jabber scribes
 - ❖ Agenda Bashing
- ❖ WG Document Status (Chairs, 5mn)
- ❖ WG Document discussion (20 mn)
 - ❖ RADIUS Data Types (Alan, 10 mn)
 - ❖ draft-ietf-radext-ip-port-radius-ext-03
 - ❖ Larger Packets for RADIUS over TCP (Sam, 10mn)
 - ❖ draft-ietf-radext-bigger-packets-03



Agenda 2/2

- ❖ Issues related to RFC3580 and RFC2866
 - ❖ RFC3580/RFC2866 Issues and proposed fixes, Alan (15mn)
 - ❖ Errata
- ❖ Wrap-up (5 minutes)
 - ❖ Next Steps/Milestones
 - ❖ AoB

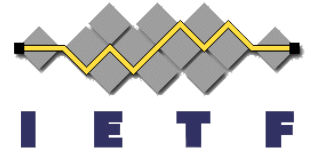
WG Status Update (1/2)



*Changes since IETF93 noted in red

Document	Editor	Status	Next Step(s)
<i>RFC Published</i>			
NAI-based Dynamic Peer Discover draft-ietf-radext-dynamic-discovery-15	S. Winter	Published as RFC 7585	
<i>In RFC Editor Queue</i>			
None			
<i>IESG Processing</i>			
None			
<i>Proposals for Chartered Work</i>			
RADIUS Message Bundling draft-aravind-radext-message-bundling-00		Discussed on the mailing list No requested slot for this meeting	
RADIUS attributes for fixed networks draft-klammorrisette-radext-very-common-vsas-00		No progress	

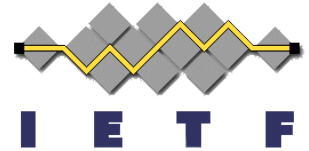
WG Status Update (2/2)



*Changes since IETF93 noted in red

Document	Editor	Status	Next Step(s)
<i>In progress WG items (active)</i>			
Larger Packets for RADIUS over TCP draft-ietf-radext-bigger-packets-04	S. Hartman	WG Consensus: Waiting for Write-Up: Experimental	<ul style="list-style-type: none">• IESG submission
IP Port Configuration and Reporting draft-ietf-radext-ip-port-radius-ext-06	D. Cheng	WG Consensus: Waiting for Write-Up: Experimental	<ul style="list-style-type: none">• IESG submission
RADIUS Data Types draft-ietf-radext-datatypes-02	A. DeKok	-02 just published	<ul style="list-style-type: none">• Reviews• WGLC?
Dynamic Authorization Proxying draft-dekok-radext-coa-proxy-00	A. DeKok	(almost) Agreed as WG document To be confirmed on the mailing list	<ul style="list-style-type: none">• Publish WG document• Review
Correct use of EAP-Response/Identity draft-winter-radext-populating-eapidentity-01	S. Winter	(almost) Agreed as WG document To be confirmed on the mailing list	<ul style="list-style-type: none">• Publish WG document• Review

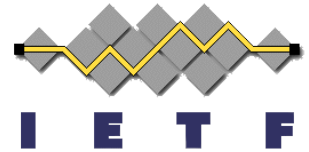
WG Status Update (2/2)



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IP Port Configuration and Reporting draft-ietf-radext-ip-port-radius-ext-06	D. Cheng	WG Consensus: Waiting for Write-Up: Experimental	• IESG submission
RADIUS Data Types draft-ietf-radext-datatypes-01	A. DeKok	No change since IETF91	• WG document
<i>Proposals for Chartered Work</i>			
Dynamic Authorization Proxying draft-dekok-radext-coa-proxy-00	A. DeKok	No change since IETF91 Late comments (along recharter)	• WG document
Correct use of EAP-Response/Identity draft-winter-radext-populating-eapidentity-01	S. Winter	No change since IETF91	• WG document
RADIUS Data Types draft-dekok-radext-datatypes-05	A. DeKok	No change since IETF91	• WG document

Errata on RFC 2866 (ID4485)



Proposed change:

It MAY be used by the client to mark the start of accounting for the NAS (for example, upon booting) by specifying Accounting-On and to mark the end of accounting for the NAS (for example, just before a scheduled reboot) by specifying Accounting-Off.

Note:

Some RADIUS client implementations send scoped Accounting-On and Accounting-Off Accounting-Request packets. This is seen, for example, with some wireless APs that include a Called-Station-Id attribute to scope to a Basic Service Set (BSS).

This is an incorrect interpretation of the RFC that is not backwards compatible with consumers of RADIUS accounting information, yet the RFC is ambiguous on this point.

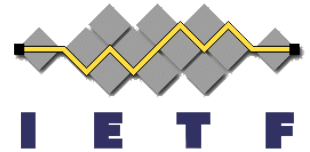
The RFC must be clear that Accounting-On and Accounting-Off apply to the whole NAS and cannot be scoped in this manner.

New Acct-Status-Type values must instead be defined to allow this, perhaps named something like Scoped-Accounting-On and Scoped-Accounting-Off.

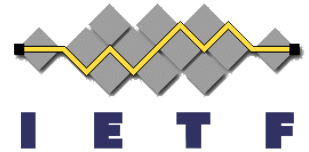
Status: Verified

→ could be reconsidered depending on discussion on RFC3580

Milestones

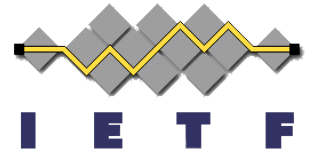


Nov 2016	Data Types as Informational RFC
Nov 2016	Submit Populating EAP Identity as BCP RFC
Mar 2016	IP Port RADIUS Extensions as Standards Track RFC
Nov 2015	Submit CoA Proxying as Standards Track RFC
Nov 2015	Larger Packets for RADIUS over TCP I-D submitted as an Experimental RFC
Done	RADIUS packet fragmentation submitted as an Experimental RFC
Done	Dynamic Discovery I-D submitted as a Proposed Standard RFC
Done	RFC 4282bis submitted as a Proposed Standard RFC



WG Drafts Discussion

- ❖ RADIUS Data Types (Alan, 10 mn)
 - ❖ draft-ietf-radext-ip-port-radius-ext-03
- ❖ Larger Packets for RADIUS over TCP (Sam, 10mn)
 - ❖ draft-ietf-radext-bigger-packets-03



Individual Drafts Discussion

- ❖ Issues related to RFC3580 and RFC2866 (15mn)
 - ❖ RFC3580/RFC2866 Issues and proposed fixes, Alan
 - ❖ Errata

Next Step

- Progress WG documents
- Review, Review, Review!
- AoB

