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Additional Values for the NAS-Port-Type Attribute

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IESG Note

Abstract

This document defines a set of values for the NAS-Port-Type RADIUS Attribute.

Table of Contents

1. Introduction 2
2. NAS-Port-Type Values 2
3. IANA Considerations 2
   3.1. Attribute Values 2
4. Security Considerations 2
5. References 3
   5.1. Normative References 3
   5.2. Informative References 3

1. Introduction

This document defines a set of new values for the NAS-Port-Type Attribute [RFC2865].

2. NAS-Port-Type Values

This document defines new values for the NAS-Port-Type Attribute. This specification concerns the following values:

30 PPPoA (PPP over ATM [RFC3336])

31 PPPoEoA (PPP over Ethernet [RFC2516] over ATM)

32 PPPoEoE (PPP over Ethernet [RFC2516] over Ethernet)

33 PPPoEoVLAN (PPP over Ethernet [RFC2516] over VLAN)

34 PPPoEoQinQ (PPP over Ethernet [RFC2516] over IEEE 802.1QinQ)

3. IANA Considerations

3.1. Attribute Values

This document is intended to act as a request for allocation of the numbers listed by IANA in the appropriate registry [RADTYP], according to the allocation policy given in [RFC3575].

The values given have already been implemented by at least one vendor without assignment by IANA.

IANA has registered the numbers listed in Section 2, per this request.

4. Security Considerations

This specification neither adds to nor detracts from the security of the RADIUS protocol.

5. References

5.1. Normative References

[RFC2865] Rigney, C., Willens, S., Rubens, A., and W. Simpson, "Remote Authentication Dial In User Service (RADIUS)", RFC 2865, June 2000.

[RFC3575] Aboba, B., "IANA Considerations for RADIUS (Remote Authentication Dial In User Service)", RFC 3575, July 2003.

5.2. Informative References

[RADTYP] Internet Assigned Numbers Authority, "RADIUS TYPES", November 2005, <http://www.iana.org/assignments/radius-types>.

[RFC2516] Mamakos, L., Lidl, K., Evarts, J., Carrel, D., Simone, D., and R. Wheeler, "A Method for Transmitting PPP Over Ethernet (PPPoE)", RFC 2516, February 1999.

[RFC3336] Thompson, B., Koren, T., and B. Buffam, "PPP Over Asynchronous Transfer Mode Adaptation Layer 2 (AAL2)", RFC 3336, December 2002.

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