                     Additional Values for the
                      NAS-Port-Type Attribute

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Abstract

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

Table of Contents

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.

Authors' Addresses

   Glen Zorn
   Cisco Systems
   2901 Third Avenue, Suite 600
   SEA1/5/
   Seattle, WA 98121
   US

   Phone: +1 (425) 344 8113
   EMail: gwz@cisco.com

   Greg Weber
   Cisco Systems
   10850 Murdock Road
   KNV/1/
   Knoxville, TN 37932
   US

   EMail: gdweber@cisco.com

   Rich Foltak
   Cisco Systems
   2200 East President George Bush Turnpike
   RCDN6/4/2
   Richardson, TX 75082
   US

   Phone: +1 (469) 255-6557
   EMail: rfoltak@cisco.com

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