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## 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.

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## 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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