

# LAN Edge Radius Attributes

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<http://www.drizzle.com/~aboba/IEEE/draft-black-radius-lanedge-00.txt>

<http://www.ietf.org/rfc/rfc3580.txt>

# Why is this interesting?

- RFC 3580 defines how to use existing Radius attributes in an 802.1X environment
  - Wide deployment
  - Limited capability to configure NAS functionality
- Many IEEE 802 device capabilities are not represented by RFC 3580 attributes
  - Ethernet switch functionality
  - 802.11 access point functionality

# Some New Attribute Considerations

## VLAN attributes

PVID

Egress-VID

Ingress-Filter-Enable

## Class of Service Attributes

User-Priority-Regeneration-Table

## Access Control Attributes

IP-Filter-Name

IP-Filter-Raw

## Bandwidth Attributes

Bandwidth-Min-Ingress, Bandwidth-Max-Ingress

Bandwidth-Min-Egress, Bandwidth-Max-Egress

# Issues and Work Items

- Some attributes map to specified 802 management controls, others do not.
- Some attributes may redefine RFC 3580 or other document (e.g. WISPr, 802.11f) suggestions more explicitly.
- Depending upon existing relationships between 802 and IETF working groups to develop proper content.
- Welcome collaboration on ID (draft-black-radius-lanedge-00.txt). Contact:
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