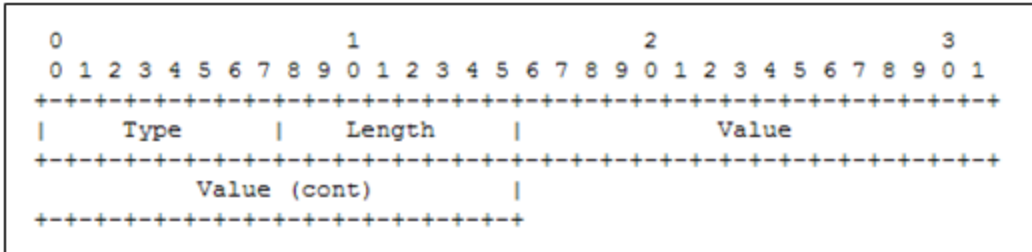


# RADIUS Attribute - NAS-Port-Type

## As Per RFC 2865

This Attribute indicates the type of the physical port of the NAS which is authenticating the user. It can be used instead of or in addition to the NAS-Port (5) attribute. It is only used in Access-Request packets. Either NAS-Port (5) or NAS-Port-Type or both SHOULD be present in an Access-Request packet, if the NAS differentiates among its ports.

A summary of the NAS-Port-Type Attribute format is shown below. The fields are transmitted from left to right.



**Type (IETF Number)** = 61 for NAS-Port-Type.

**Length** = 6

**Value** = The Value field is four octets. "Virtual" refers to a connection to the NAS via some transport protocol, instead of through a physical port. For example, if a user telnetted into a NAS to authenticate himself as an Outbound-User, the Access-Request might include NAS-Port-Type = Virtual as a hint to the RADIUS server that the user was not on a physical port.

0	Async
1	Sync
2	ISDN Sync
3	ISDN Async V.120
4	ISDN Async V.110
5	Virtual
6	PIAFS
7	HDLC Clear Channel
8	X.25
9	X.75
10	G.3 Fax
11	SDSL - Symmetric DSL
12	ADSL-CAP - Asymmetric DSL, Carrierless Amplitude Phase Modulation
13	ADSL-DMT - Asymmetric DSL, Discrete Multi-Tone
14	IDSL - ISDN Digital Subscriber Line
15	Ethernet
16	xDSL - Digital Subscriber Line of unknown type
17	Cable
18	Wireless - Other
19	Wireless - IEEE 802.11

PIAFS is a form of wireless ISDN commonly used in Japan, and stands for PHS (Personal Handyphone System) Internet Access Forum Standard (PIAFS).