SD-WAN UNI Service Attributes

The UNI is a reference point that represents the demarcation between the responsibility of the Subscriber and the responsibility of the Service Provider. As a result, at any given UNI there is only a single Subscriber and a single Service Provider.

This section includes the Service Attributes at each UNI which are summarized in the following table and described in more detail in the subsequent sections. Since an SD-WAN Service delivers IP packets between multiple Subscriber Network locations, much of this section is adapted from the UNI Services Attributes and UNI Access Link Service Attributes section of the MEF Service Attributes for Subscriber IP Services Technical Specification, MEF 61.1 [21] in order to achieve the greatest amount of commonality between MEF IP Services and MEF SD-WAN Services.

Attribute Name	Summary Description	Possible Values
SD-WAN UNI Identifier	Identification of the UNI for management purposes	Unique Identifier String for the UNI
SD-WAN UNI L2 Interface	Describes the underlying L2 interface for the UNI	*UT/PT or CVLAN x*
SD-WAN UNI Maximum L2 Frame Size	Specifies the maximum length L2 frame that is accepted by the Service Provider	An integer number of bytes ≥ 1522
SD-WAN UNI IPv4 Connection Addressing Service Attribute	IPv4 Connection Address mechanism	*None, Static, or DHCP*
SD-WAN UNI IPv6 Connection Addressing Service Attribute	IPv6 Connection Address mechanism	*None, DHCP, SLAAC, Static or LL-only*

Table 6 – Summary of SD-WAN UNI Service Attributes

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