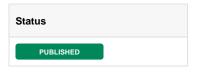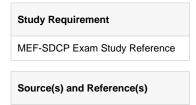# SD-WAN Virtual Connection (SWVC) Service Attributes

This section contains Service Attributes that apply to an SD-WAN Virtual Connection as a whole. There is one instance of these attributes for each SD-WAN Virtual Connection. The attributes are summarized in the following table and each is described in more detail in the subsequent sections.

Attribute Name	Summary Description	Possible Values
SWVC Identifier	Identification of the SWVC for management purposes	Unique Identifier String for the SD-WAN Service.
SWVC End Point List	The SWVC End Points that are connected by the SWVC	List of SWVC End Point Identifiers
SWVC Service Uptime Objective Service Attribute	The objective for Service Uptime for the SD-WAN Service during a Performance Evaluation Interval	3-tuple $\langle t_a, T, \hat{U} \rangle$ where t_a is a date and time, T is a duration, and $\hat{U}$ is a percentage between 0 and 100%
SWVC Reserved Prefixes	IP Prefixes reserved for use by the SP	*None* or list of IP Prefixes
SWVC List of Policies	A list of the Policies that can be applied to Application Flows carried by the SWVC	List of 2-tuples <Policy Name, List of Policy Criteria n-tuples>
SWVC List of Application Flow Groups	A list of the Application Flow Groups that Application Flows can be members of.	List of 2-tuples <Application Flow Group Name, Application Flow Group Policy>
SWVC List of Application Flows	A list of the Application Flows that are recognized by the SD-WAN Service	List of 3-tuples <Application Flow Name, List of Application Flow Criteria, Application Flow Group Name>

Table 2 – Summary of SWVC Service Attributes

Related and Further Reading

- SWVC End Point Policy Map
- SD-WAN Virtual Connection (SWVC) Service Attributes
- SD-WAN UNI L2 Interface Service Attribute
- SD-WAN Virtual Connection (SWVC) Identifier Service Attribute
- SD-WAN Virtual Connection (SWVC) End Point List Service Attribute
- SD-WAN Virtual Connection (SWVC) Reserved Prefixes Service Attribute
- SD-WAN Virtual Connection (SWVC) Service Uptime Objective Service Attribute
- SD-WAN Virtual Connection (SWVC) List of Policies Service Attribute
- SD-WAN Virtual Connection (SWVC) List of Application Flows Service Attribute
- SD-WAN Virtual Connection (SWVC) End Point Service Attributes
- Defined: SD-WAN Service Attributes
- SD-WAN PUBLIC-PRIVATE Policy Criterion
- SD-WAN Service Attributes
- SD-WAN Virtual Connection (SWVC) Service Attributes
- SD-WAN Policy Criteria specification and interaction
- SD-WAN BILLING-METHOD Policy Criterion
- SD-WAN INTERNET-BREAKOUT Policy Criterion
- SD-WAN BACKUP Policy Criterion
- SWVC End Point Identifier Service Attribute
- Defined: SD-WAN UNI

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