# SD-WAN Service Orchestrator

The **Service Orchestrator** provides the service management of the SD-WAN service lifecycle including service fulfillment, performance, control, assurance, usage, analytics, security and policy. For example, the Service Orchestrator is responsible for configuring the end-to-end SD-WAN managed service between SD-WAN Edges and SD-WAN Gateways over one or more underlay WANs, e.g., Internet and MPLS, setting up application-based forwarding over WANs based on security, QoS or business or intent-based policies.

The MSP or CSP operates and maintains the Service Orchestrator with an SD-WAN managed service. In the MEF LSO RA, the Service Orchestrator communicates northbound with the Service Provider's OSS/BSS applications via the Legato interface for functions such as service activation and southbound to the SD-WAN Controller via the Presto interface. The Service Orchestrator also can obtain service modification requests from a Subscriber Portal via the Allegro interface. Note that some SD-WAN implementations may combine the SD-WAN Controller and Service Orchestrator.
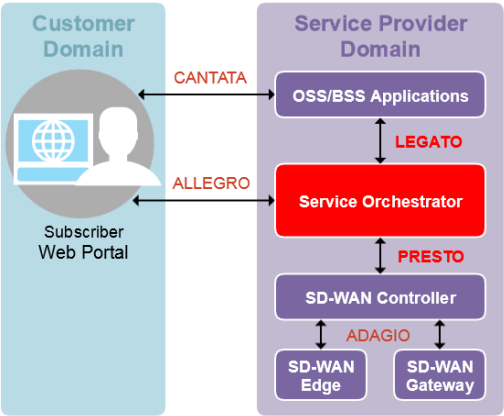
Status

Study Requirement

MEF-SDCP Exam Study Reference

Source(s) and Reference(s)

White Paper: MEF 3.0 SD-WAN Services

Related and Further Reading

- SD-WAN Edge
- SD-WAN Controller
- Defined: SD-WAN Service Components
- SD-WAN Tunnel Virtual Connection (TVC)
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- Defined: SD-WAN Service Components
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- Underlay Connectivity Service (UCS)
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- SD-WAN Service Orchestrator
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