

Examples of SD-WAN Policies and Application Flows

In Figure 5 the SD-WAN Service has three Subscriber sites (A, B, and C). The SWVC has three Applications Flows, *apple*, *banana*, and *vegetable* (via the SWVC List of Application Flows Service Attribute in section 8.7). *Apple* and *banana* are in Application Flow Group *fruit*. Application Flow *vegetable* is not in any Application Flow Group.

The SWVC also has two Policies, *fast* and *faster* (via the SWVC List of Policies Service Attribute in section 8.5). All SWVCs have a reserved Policy named *block*.

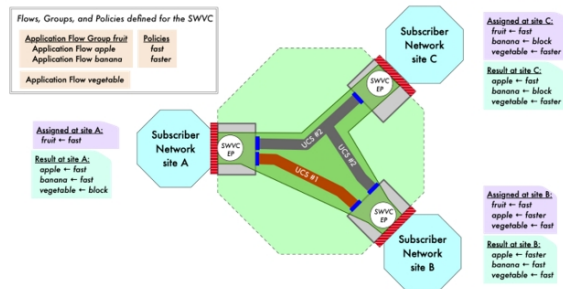


Figure 5 – Examples of Application Flows and Policies

At site A, using the SWVC End Point Policy Map Service Attribute (see section 9.3), the Policy *fast* is assigned to Application Flow Group *fruit*. This means that all members of that Group (i.e., *apple* and *banana*) are forwarded based on Policy *fast*. Since no Policy is mapped to Application Flow *vegetable* at site A, Ingress IP Packets in this Application Flow are not forwarded (they are blocked/blacklisted).

At site B, Policy *fast* is assigned to Application Flow Group *fruit*. But, here, Policy *faster* is assigned to Application Flow *apple*. So, at site B, *apple* is forward based on Policy *faster* and *banana* is forwarded based on Policy *fast*, as is Application Flow *vegetable*.

At site C, Policy *fast* is assigned to Application Flow Group *fruit*. But here, the reserved Policy *block* is assigned to *banana*. So, at site C, *apple* is forwarded based on Policy *fast*, but *banana* is not forwarded. Application Flow *vegetable* is forwarded based on Policy *faster*.

Status

PUBLISHED

Study Requirement

MEF-SDCP Exam Study Requirement

Source(s) and Reference(s)

- [MEF 70 - SD-WAN Service Attributes and Services Definition](#)

Related and Further Reading

- [SD-WAN Application Flows and Policies](#)
- [SD-WAN Application Flows](#)
- [SD-WAN Policies](#)
- [Examples of SD-WAN Policies and Application Flows](#)
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Project Lead

[Kirby Russell](#)

Reviewers/Contributors

MEF-SMEs

[Basil Najem](#)

[Sholy Augustine](#)

[Ryan Hoffman](#)

MEF Staff

[Daniel Bar-Lev](#)