

Policy and Micro-segmentation



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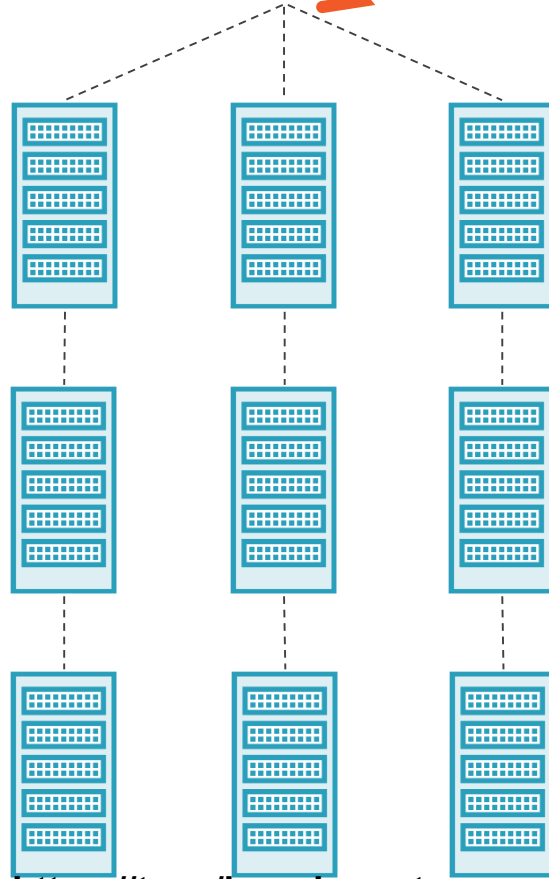
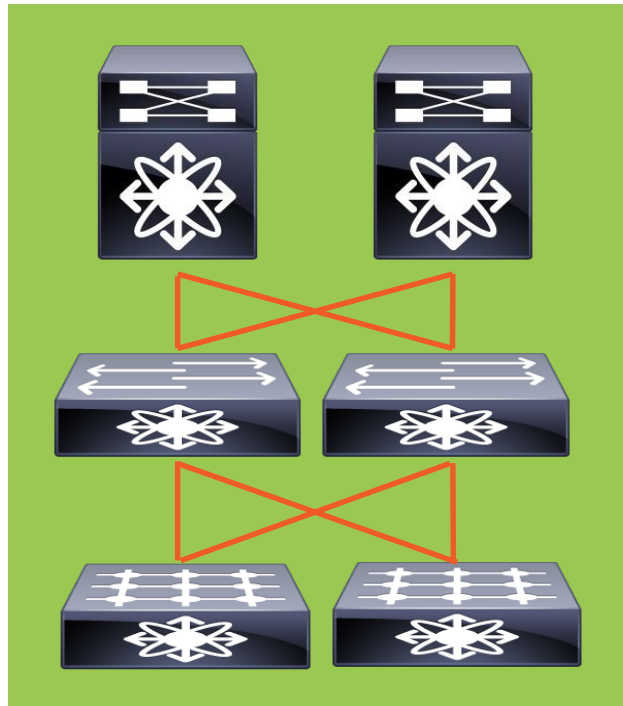
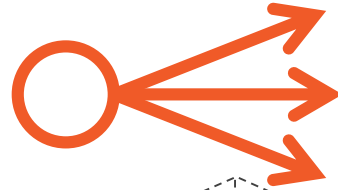
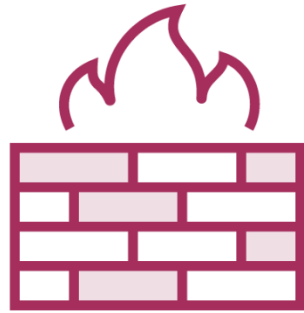
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Security in Traditional Networks



Web Tier

App Tier

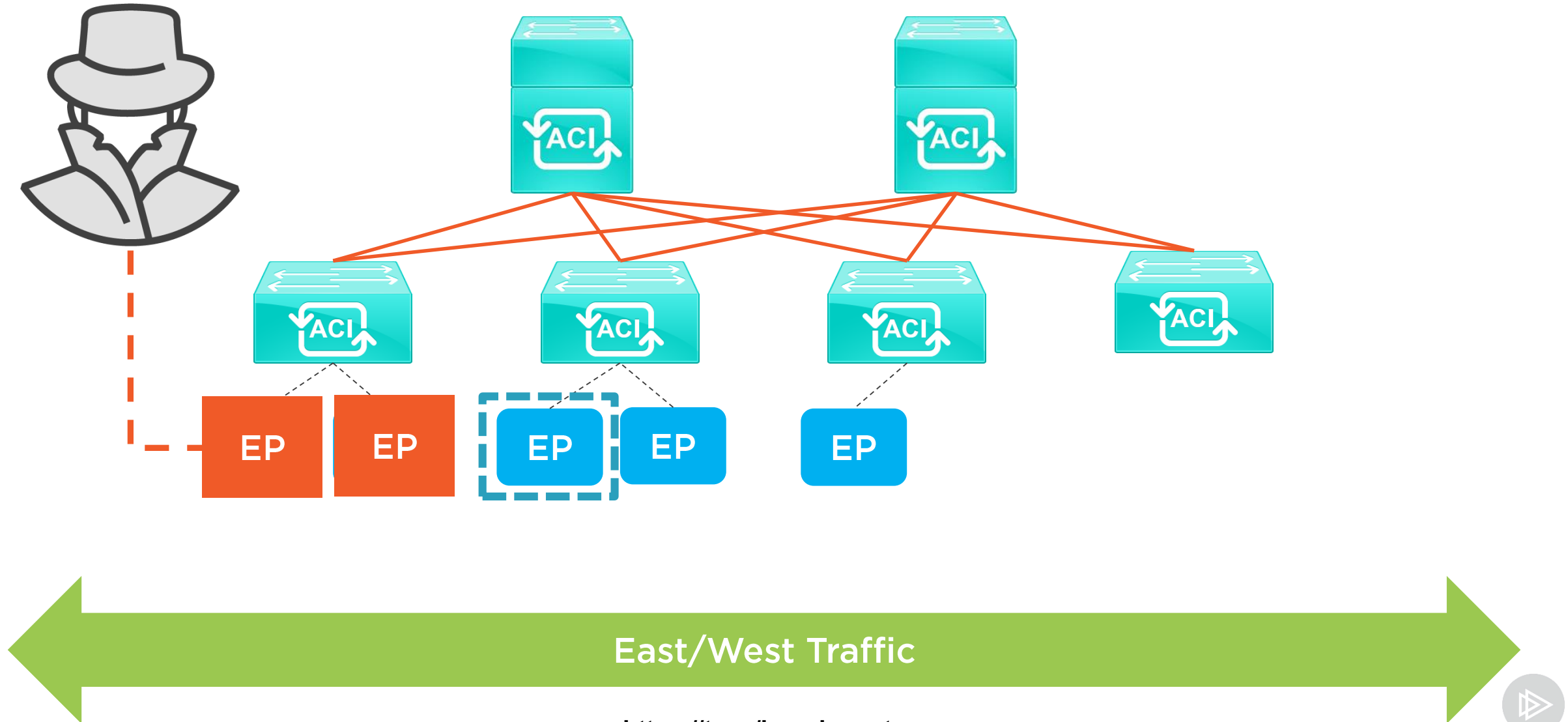
DB Tier



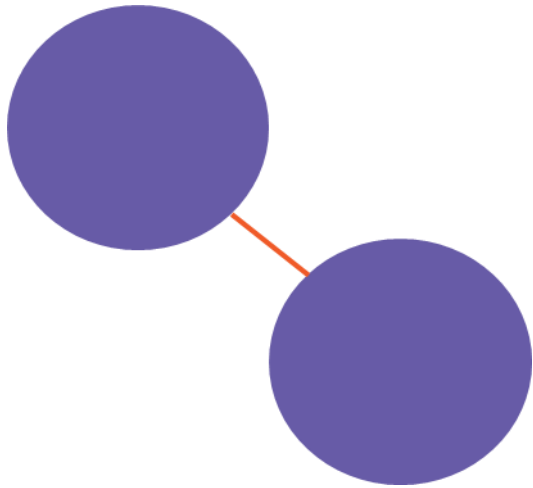
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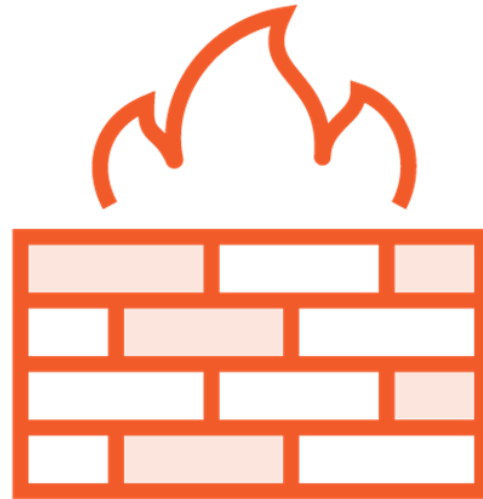
What is Micro-segmentation?



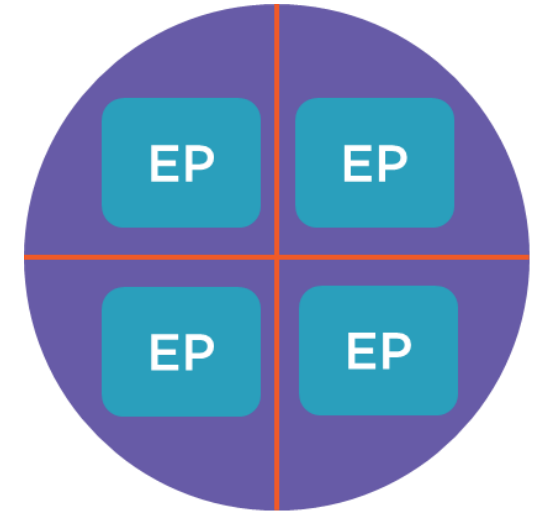
Different Types of Segmentation in ACI



EPGs and Contracts

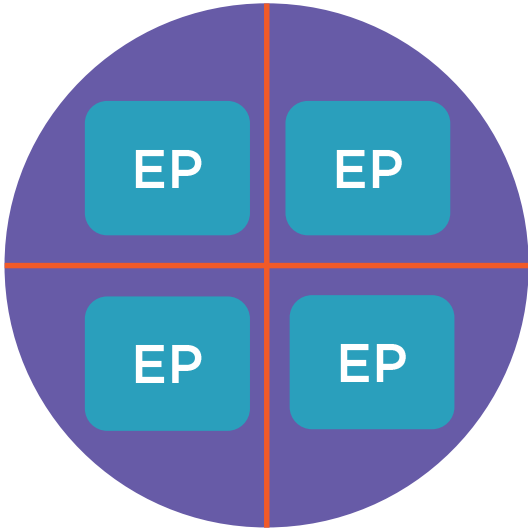


Layer 4-7 Devices



Intra-EPG Isolation





**Intra-EPG
Isolation**

**Prevent End Points within EPG from
Communicating**

All or Nothing

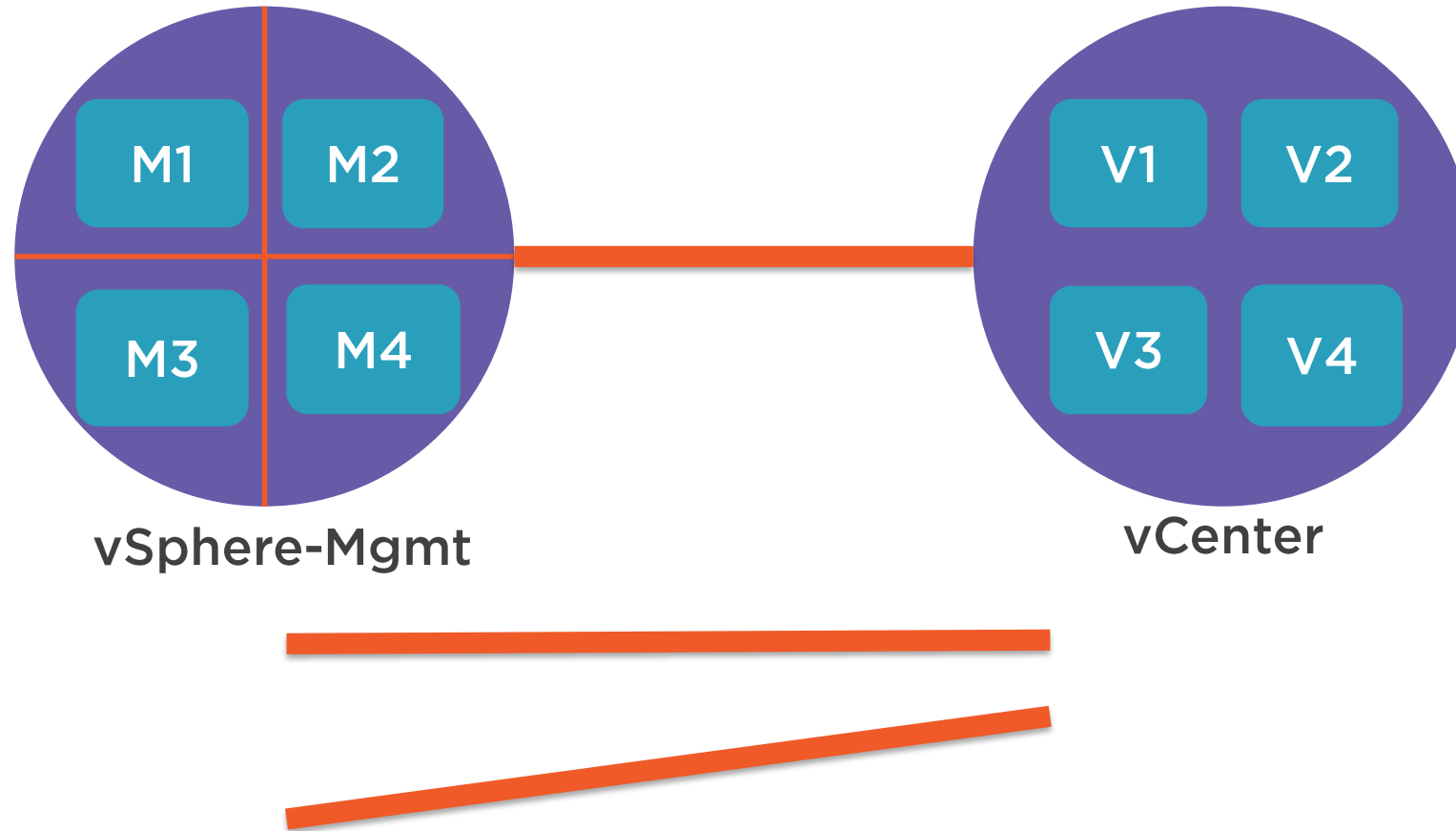
Feature enabled by EPG

**Traffic Can't Flow Between Two EPGs with
Isolation Turned On**

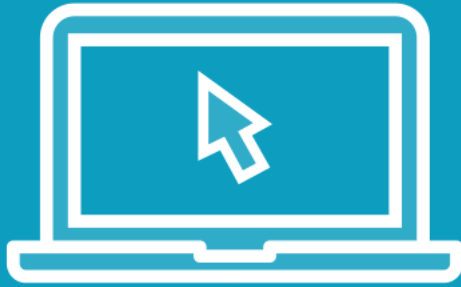
Can't Create Contract Inside of an EPG



Intra-EPG Isolation Use Case



Demo

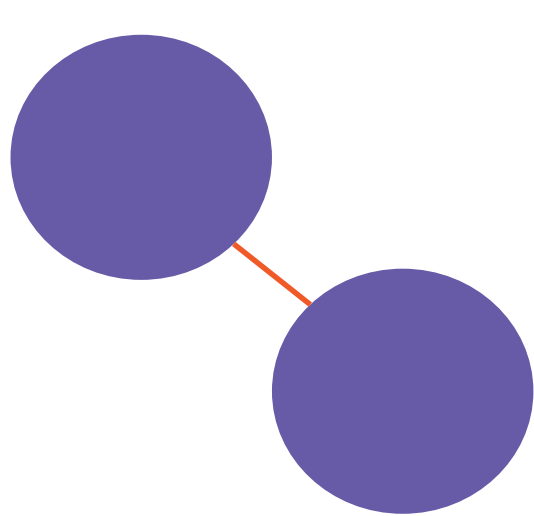


Intra-EPG Isolation

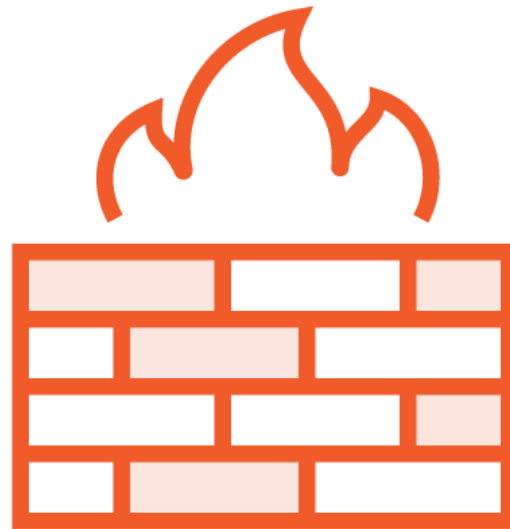
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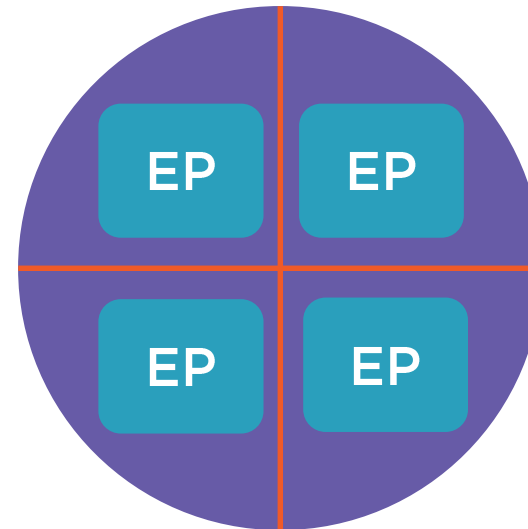
Different Types of Segmentation in ACI



EPGs and Contracts



Layer 4-7 Devices



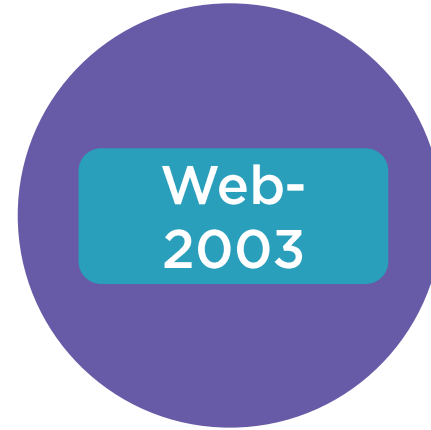
Intra-EPG Isolation



Micro-segmented EPGs



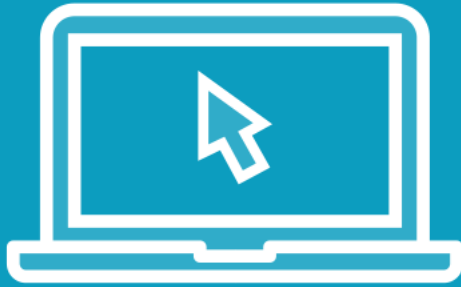
μSeg EPGs



- MAC Address
- IP Address
- vNIC
- VM Identifier
- VM Name
- Hypervisor Identifier
- VMM Domain
- Datacenter
- Custom Attribute
- Operating System



Demo



Micro-segmented EPGs

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Summary

