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# Micro-Segmentation

AVIATRIX DCF FOR INTRA VPC/VNET MICRO-SEGMENTATION

# Micro-Segmentation Basics

**Aviatrix Distributed Cloud Firewall enforces policy exactly where needed across the entire network.**

**Aviatrix DCF for Micro-Segmentation is for Intra and Inter VPC/VNET Segmentation**

## **Characteristics:**

- Two components: Smart Groups & Policy (Rule)
- Fine-grained control, even for workloads in the same VPC/VNET
  - Orchestrating AWS Security Groups and Azure Network Security Group (NSG) for Intra-VPC or Intra-VNET segmentation

# Intra VPC/VNET Distributed Firewalling (Micro-Segmentation)

Distributed Cloud Firewall
Rules
Monitor
Detected Intrusions
Settings

### Security Group (SG) Orchestration Preview

SG Orchestration adds control for both **Intra-VPC Traffic** and **Inbound Internet Access** on desired VPC/VNets.

Orchestration

Complete

Pause Next Cycle

Enabled On

1 VPC/VNets

[View in Topology](#)
[Manage](#)

### Decryption CA Certificate

Certificate

*Expires in 10 years (Self-Signed)*
[Renew Certificate](#)

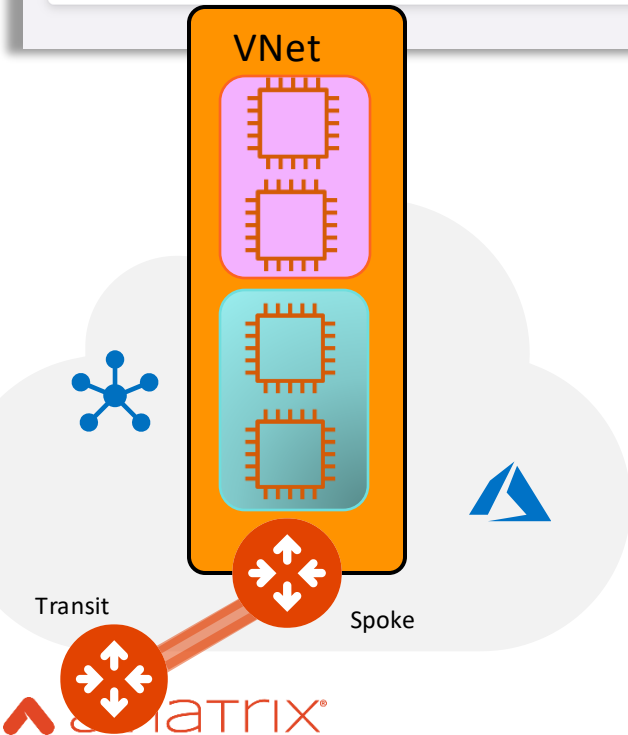
Enforcement

Permissive

Trust Bundle

default-trustbundle

[Download Certificate](#)



SmartGroup #1

SmartGroup #2

Enable the feature on the concerned VPC/VNETS

Enable SG Orchestration to add control for both Intra-VPC Traffic and Inbound Internet Access on desired VPC/VNets.

Name ↑	Region	VPC/VNet CIDR	SG Orchestration	Orchestration Status
spoke-aws-dev	us-east-1	10.1.2.0/24	<input type="checkbox"/> Disabled	
spoke-aws-prod	us-east-1	10.1.3.0/24	<input checked="" type="checkbox"/> Enabled	● Completed
spoke-azure-all	westus3	10.2.2.0/24	<input checked="" type="checkbox"/> Enabled	● Completed
transit-aws	us-east-1	10.1.0.0/23	<input type="checkbox"/> Disabled	
transit-azure	westus3	10.2.0.0/23	<input type="checkbox"/> Disabled	



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