New TrustSec ISE 2.4 Features

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Security Policy & Access

ISE 2.4 meets the needs of expanding TrustSec Deployments

6) Send SGACL CoA from Selective PSN

4) Ability to use FQDN for DNS resolution when adding IPv4 and IPv6 static mappings

5) Verify deployment capability. Help with NAD availability issues.

Improve Performance

Ease of Deployment

unresponsive NADs

Regions

Duplicate IP addresses

IPv6

2) Selective deployment of IP-SGT mappings to network devices, for example with regional deployments

3) Assist in troubleshooting configuration errors in duplicate IP addresses and missing IP-SGT mappings with network devices

1) Support for IPv6-SGT static mappings

Static Mappings for IPv6 Addresses

IP SGT static mapping > 201:0:3238:dfe1:63::fe38/128

IP address(es) ▼   *   201:0:3238:dfe1:63::fe38/128

○ Add to a mapping group
● Map to SGT individually

SGT *   Development_Servers (12/000C)   × ▼

Send to SXP Domain   × default

Deploy to devices   [No Devices]

IP SGT static mapping

1 Selected   Rows/Page   5   ▼

↻ Refresh   ＋ Add   🗑 Trash ▼   ✎ Edit   Move to mapping group ▼   Manage groups   Import   Export ▼

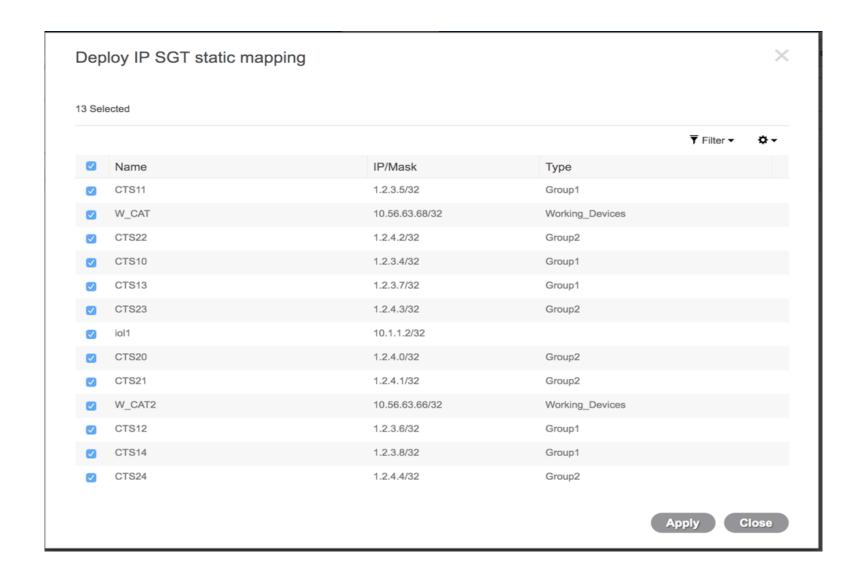| ☐	IP address/Host	SGT	Mapping group
☑	201:0:3238:dfe1:63::fe38/128	Development_Servers (12/000C)	
☐	192.168.1.1	Developers (8/0008)	jofftest3
☐	192.168.1.2	Developers (8/0008)	jofftest3

1) Support for IPv6-SGT static mappings
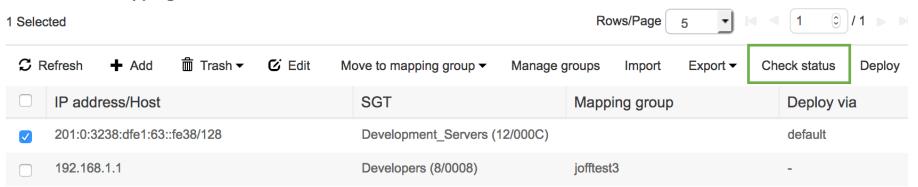
Selective NAD Deployment

After clicking on "Deploy" on TrustSec matrix page, this pop-up window lets you select or deselect target NADs

2) Selective deployment of IP-SGT mappings to network devices, for example with regional deployments

Deploy IP SGT static mapping

13 Selected

▼ Filter ▾   ⚙ ▾

	Name	IP/Mask	Type
☑	CTS11	1.2.3.5/32	Group1
☑	W_CAT	10.56.63.68/32	Working_Devices
☑	CTS22	1.2.4.2/32	Group2
☑	CTS10	1.2.3.4/32	Group1
☑	CTS13	1.2.3.7/32	Group1
☑	CTS23	1.2.4.3/32	Group2
☑	iol1	10.1.1.2/32	
☑	CTS20	1.2.4.0/32	Group2
☑	CTS21	1.2.4.1/32	Group2
☑	W_CAT2	10.56.63.66/32	Working_Devices
☑	CTS12	1.2.3.6/32	Group1
☑	CTS14	1.2.3.8/32	Group1
☑	CTS24	1.2.4.4/32	Group2

Apply   Close

SGT to IP Conflict Checking

IP SGT static mapping

1 Selected   Rows/Page [5 ▾] |◀ ◀ [1 ⇅] / 1 ▶ ▶|

↻ Refresh   ✚ Add   🗑 Trash ▾   ✎ Edit   Move to mapping group ▾   Manage groups   Import   Export ▾   **Check status**   Deploy

	IP address/Host	SGT	Mapping group	Deploy via
☑	201:0:3238:dfe1:63::fe38/128	Development_Servers (12/000C)		default
☐	192.168.1.1	Developers (8/0008)	jofftest3	-

Found 2 devices to process
Check status process started
About to connect to: Kernow-4500x 10.9.2.2
About to connect to: Kernow-6500 10.8.1.2
Kernow-4500x-IP(10.9.2.2) Configuration downloaded
Kernow-4500x-IP(10.9.2.2) Configuration is up to date
Kernow-6500-IP(10.8.1.2) Configuration downloaded
ERROR: Kernow-6500-IP(10.8.1.2) Configuration needs to be updated. Found 1 missing, 0 with incorrect tag and 1 redundant mappings
Check status process finished

3) Assist in troubleshooting configuration errors in duplicate IP addresses and missing IP-SGT mappings with network devices
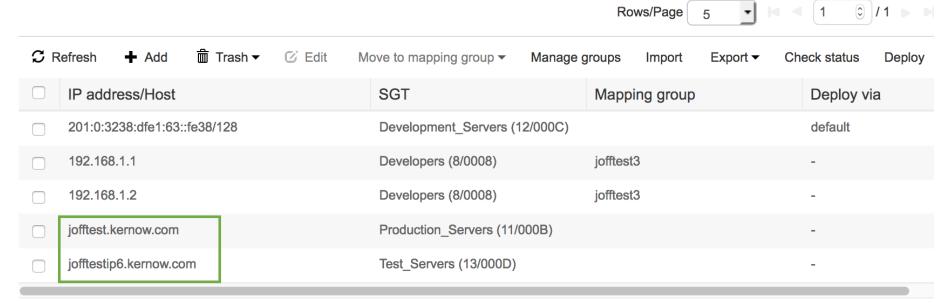
FQDN for Static Mapping DNS Lookup

4) Ability to use FQDN for DNS resolution when adding IPv4 and IPv6 static mappings
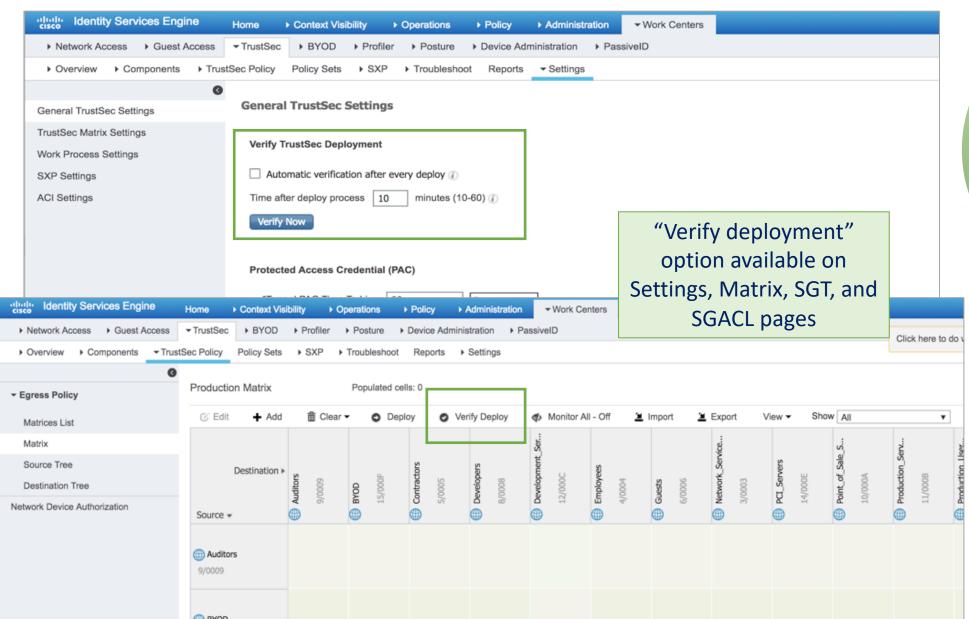
IP SGT static mapping of hostnames

○ Create mappings for all IP addresses returned by DNS query

◉ Create mappings only for the first IPv4 address and the first IPv6 address returned by DNS query

IP SGT static mapping

Rows/Page 5 ▾ |◀ ◀   1 ⌄ / 1   ▶ ▶|

⟳ Refresh   ➕ Add   🗑 Trash ▾   ✎ Edit   Move to mapping group ▾   Manage groups   Import   Export ▾   Check status   Deploy

	IP address/Host	SGT	Mapping group	Deploy via
☐	201:0:3238:dfe1:63::fe38/128	Development_Servers (12/000C)		default
☐	192.168.1.1	Developers (8/0008)	jofftest3	-
☐	192.168.1.2	Developers (8/0008)	jofftest3	-
☐	jofftest.kernow.com	Production_Servers (11/000B)		-
☐	jofftestip6.kernow.com	Test_Servers (13/000D)		-

Verify Deployment

5) Verify deployment capability. Help with NAD availability issues.

"Verify deployment" option available on Settings, Matrix, SGT, and SGACL pages

Selective PSN for SGACL CoA

6) Send SGACL CoA from Selective PSN

From the Network Device window, you can select the ISE node from which it will get configurations changes (COA)

▼ **TrustSec Notifications and Updates**

* Download environment data every   `1`   [Days ▼]

* Download peer authorization policy every   `1`   [Days ▼]

* Reauthentication every   `1`   [Days ▼] ⓘ

* Download SGACL lists every   `1`   [Days ▼]

Other TrustSec devices to trust this device   ☑

Send configuration changes to device   ☑   Using   ◉ CoA   ◯ CLI (SSH)

Send from   [dev-na-ambaer3 ▼]   [Test connection]

Ssh Key   [ ]