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ISE

defaultRule	name	sgtval	dgtval	sgacl	aclcont
DENY_IP	57B171-ciscogithub	25	20	Deny IP	deny ip
DENY_IP	6XMFLK-ciscogithub	28	20	Deny IP	deny ip
PERMIT_IP	ANY-ANY	65535	65535	Permit IP	permit ip
DENY_IP	D8I7FN-ciscogithub	26	20	Deny IP	deny ip
DENY_IP	EDYWRD-ciscogithub	27	20	Deny IP	deny ip
DENY_IP	HNC84D-ciscogithub	24	20	Deny IP	deny ip
DENY_IP	IMZQV8-ciscogithub	45	20	Deny IP	deny ip
DENY_IP	L0A5E7-ciscogithub	23	20	Deny IP	deny ip
PERMIT_IP	ciscogithub-D8I7FN	20	26	testacl	deny icmp
PERMIT_IP	ciscogithub-D8I7FN	20	26	Permit IP	permit ip
DENY_IP	ciscogithub-nvm_sgt	20	30	Deny IP	deny ip
PERMIT_IP	ciscogithub-EDYWRD	20	27	testacl	deny icmp
PERMIT_IP	ciscogithub-EDYWRD	20	27	Permit IP	permit ip
PERMIT_IP	ciscogithub-57B171	20	25	Permit IP	permit ip
DENY_IP	ciscogithub-L0A5E7	20	23	Deny IP	deny ip
DENY_IP	ciscogithub-HNC84D	20	24	Deny IP	deny ip
PERMIT_IP	ciscogithub-6XMFLK	20	28	Permit IP	permit ip
NONE	ciscogithub-test_sgt	20	21	testacl	deny icmp
DENY_IP	ciscogithub-teacher	20	16	Deny IP	deny ip
DENY_IP	nvm_sgt-ciscogithub	30	20	Deny IP	deny ip
NONE	student-Unknown	17	0	testacl	deny icmp
PERMIT_IP	student-teacher	17	16	Permit IP	permit ip
DENY_IP	teacher-ciscogithub	16	20	Deny IP	deny ip
PERMIT_IP	teacher-student	16	17	Permit IP	permit ip
NONE	test_sgt-ciscogithub	21	20	testacl	deny icmp
PERMIT_IP	test_sgt-teacher	21	16	testacl	deny icmp
PERMIT_IP	test_sgt-teacher	21	16	alpha_acl	permit udp
PERMIT_IP	test_sgt-teacher	21	16	alpha_acl	permit ip
PERMIT_IP	test_sgt-teacher	21	16	Permit IP	permit ip

1. Cisco Catalyst 9300 Switch

Management IP Address: 30.1.0.90

Credential Lifetime: 07:30:01 UTC Mon Apr 08 2019

SXP : Disabled

ISE

DGT	SGT	SGACL_ISE	ACL_ISE
0	17	testacl	deny icmp

Network Device(from DNAC)

VRFNames	IP	LGT
Mgmt-vrf		
Organization		
Global		

LGT	RGT	SGACL	ACLCONT
0	17	testacl	deny icmp

ISE/Device consistency comparison

policy 'unknown' download okay

DGT	SGT	SGACL	ACL_ISE	ACL_Device
0	17	testacl	deny icmp	deny icmp

2. Cisco Catalyst 9300 Switch

Management IP Address: 30.1.0.12

Credential Lifetime: 09:33:12 UTC Tue Jun 11 2019

SXP : Enabled

ISE

DGT	SGT	SGACL_ISE	ACL_ISE
17	16	Permit IP	permit ip

DGT	SGT	SGACL_ISE	ACL_ISE
16	17	Permit IP	permit ip
16	20	Deny IP	deny ip
16	21	testacl	deny icmp
16	21	alpha_acl	['permit udp', 'permit ip']
16	21	Permit IP	permit ip

DGT	SGT	SGACL_ISE	ACL_ISE
20	16	Deny IP	deny ip
20	21	testacl	deny icmp
20	23	Deny IP	deny ip
20	24	Deny IP	deny ip
20	25	Deny IP	deny ip
20	26	Deny IP	deny ip
20	27	Deny IP	deny ip
20	28	Deny IP	deny ip
20	30	Deny IP	deny ip
20	45	Deny IP	deny ip

DGT	SGT	SGACL_ISE	ACL_ISE
0	17	testacl	deny icmp

Network Device(from DNAC)

VRFNames	IP	LGT
CriticalVandD		
DEFAULT_VN		
Guest		
Mgmt-vrf		
Organization		
School	31.31.31.4	17

School	31.31.31.6	16
School	64.103.217.48	20
Global		

LGT	RGT	SGACL	ACLCONT
17	16	Permit IP	permit ip
16	17	Permit IP	permit ip
16	20	Deny IP	deny ip
16	21	testacl	deny icmp
16	21	alpha_acl	permit udp
16	21	alpha_acl	permit ip
16	21	Permit IP	permit ip
20	16	Deny IP	deny ip
20	21	testacl	deny icmp
20	23	Deny IP	deny ip
20	24	Deny IP	deny ip
20	26	Deny IP	deny ip
20	27	Deny IP	deny ip
20	28	Deny IP	deny ip
20	30	Deny IP	deny ip
20	45	Deny IP	deny ip
0	17	testacl	deny icmp

ISE/Device consistency comparison

policy 17 download okay

policy 16 download okay

policy 20 download not okay as these remote group tags (source) are missing: ['25']

policy 'unknown' download okay

DGT	SGT	SGACL	ACL_ISE	ACL_Device
17	16	Permit IP	permit ip	permit ip

DGT	SGT	SGACL	ACL_ISE	ACL_Device
16	17	Permit IP	permit ip	permit ip
16	20	Deny IP	deny ip	deny ip
16	21	testacl	deny icmp	deny icmp
16	21	alpha_acl	['permit udp', 'permit ip']	['permit udp', 'permit ip']
16	21	Permit IP	permit ip	permit ip

DGT	SGT	SGACL	ACL_ISE	ACL_Device
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20	16	Deny IP	deny ip	deny ip
20	21	testacl	deny icmp	deny icmp
20	23	Deny IP	deny ip	deny ip
20	24	Deny IP	deny ip	deny ip
20	25	Deny IP	deny ip	nan
20	26	Deny IP	deny ip	deny ip
20	27	Deny IP	deny ip	deny ip
20	28	Deny IP	deny ip	deny ip
20	30	Deny IP	deny ip	deny ip
20	45	Deny IP	deny ip	deny ip

DGT	SGT	SGACL	ACL_ISE	ACL_Device
0	17	testacl	deny icmp	deny icmp

3. Cisco Catalyst38xx stack-able ethernet switch

Management IP Address: 41.41.41.98

Credential Lifetime: 03:19:26 UTC Tue Jun 11 2019

SXP : Disabled

ISE

DGT	SGT	SGACL_ISE	ACL_ISE
16	17	Permit IP	permit ip
16	20	Deny IP	deny ip
16	21	testacl	deny icmp
16	21	alpha_acl	['permit udp', 'permit ip']
16	21	Permit IP	permit ip

DGT	SGT	SGACL_ISE	ACL_ISE
0	17	testacl	deny icmp

Network Device(from DNAC)

VRFNames	IP	LGT
CriticalVandD		
DEFAULT_VN		
Guest		
Mgmt-vrf		
Organization		
School	31.31.31.6	16
Global		

LGT	RGT	SGACL	ACLCONT
16	17	Permit IP	permit ip
16	20	Deny IP	deny ip
16	21	testacl	deny icmp
16	21	alpha_acl	permit udp
16	21	alpha_acl	permit ip
16	21	Permit IP	permit ip
0	17	testacl	deny icmp

ISE/Device consistency comparison

policy 16 download okay

policy 'unknown' download okay

DGT	SGT	SGACL	ACL_ISE	ACL_Device
16	17	Permit IP	permit ip	permit ip
16	20	Deny IP	deny ip	deny ip
16	21	testacl	deny icmp	deny icmp
16	21	alpha_acl	['permit udp', 'permit ip']	['permit udp', 'permit ip']
16	21	Permit IP	permit ip	permit ip

DGT	SGT	SGACL	ACL_ISE	ACL_Device
0	17	testacl	deny icmp	deny icmp

4. Cisco Catalyst 9300 Switch

Management IP Address: 41.41.41.97

Credential Lifetime: 02:32:42 UTC Thu Jun 06 2019

SXP : Disabled

ISE

DGT	SGT	SGACL_ISE	ACL_ISE
17	16	Permit IP	permit ip

DGT	SGT	SGACL_ISE	ACL_ISE
20	16	Deny IP	deny ip
20	21	testacl	deny icmp
20	23	Deny IP	deny ip
20	24	Deny IP	deny ip
20	25	Deny IP	deny ip
20	26	Deny IP	deny ip
20	27	Deny IP	deny ip
20	28	Deny IP	deny ip
20	30	Deny IP	deny ip
20	45	Deny IP	deny ip

DGT	SGT	SGACL_ISE	ACL_ISE
0	17	testacl	deny icmp

Network Device(from DNAC)

VRFNames	IP	LGT
CriticalVandD		
DEFAULT_VN		
Guest		
Mgmt-vrf		
Organization		
School	31.31.3.100	18
School	31.31.31.4	17
School	64.103.217.48	20
Global	64.103.217.48	20

LGT	RGT	SGACL	ACLCONT
18			
17	16	Permit IP	permit ip

20	16	Deny IP	deny ip
20	21	testacl	deny icmp
20	23	Deny IP	deny ip
20	24	Deny IP	deny ip
20	26	Deny IP	deny ip
20	27	Deny IP	deny ip
20	28	Deny IP	deny ip
20	30	Deny IP	deny ip
20	45	Deny IP	deny ip
0	17	testacl	deny icmp

ISE/Device consistency comparison

policy 18 download not okay as 18 local group tag (dest) is missing

policy 17 download okay

policy 20 download not okay as these remote group tags (source) are missing: ['25']

policy 'unknown' download okay

DGT	SGT	SGACL	ACL_ISE	ACL_Device
17	16	Permit IP	permit ip	permit ip

DGT	SGT	SGACL	ACL_ISE	ACL_Device
20	16	Deny IP	deny ip	deny ip
20	21	testacl	deny icmp	deny icmp
20	23	Deny IP	deny ip	deny ip
20	24	Deny IP	deny ip	deny ip
20	25	Deny IP	deny ip	nan
20	26	Deny IP	deny ip	deny ip
20	27	Deny IP	deny ip	deny ip
20	28	Deny IP	deny ip	deny ip
20	30	Deny IP	deny ip	deny ip
20	45	Deny IP	deny ip	deny ip

DGT	SGT	SGACL	ACL_ISE	ACL_Device
0	17	testacl	deny icmp	deny icmp