

### ISE with NGS Guest Accounts

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#### Add NGS as a Token Server

cisco Identity Services Engine	Administration   ▼
🔆 System 🦉 Identity Management 🛛 🚆	Network Resources 🛛 🛃 Web Portal Management 🛛 😡 Feed Service
Identities Groups External Identity Sources	Identity Source Sequences Settings
External Identity Sources	RADIUS Token Identity Sources
Certificate Authentication Profile	/ Edit Add Duplicate XDelete
Active Directory	Name     Description
🚞 LDAP 💿	✓ NGS Test NGS server
🚞 RADIUS Token 📀	
RSA SecurID 📀	

#### Name the Token Server

ahala a sa	
cisco Identity Services Engine	Administration   ▼
🔆 System 🛛 👰 Identity Management	🞬 Network Resources 🛛 🛃 Web Portal Management 🛛 💫 Feed Service
Identities Groups External Identity Sour	ces Identity Source Sequences Settings
External Identity Sources	RADIUS Token List > NGS
	RADIUS Token Identity Sources
Certificate Authentication Profile	General Connection Addientication Addientization
Certificate Addientication Profile	* Name NGS
in LDAP (	Description Test NGS server
ADIUS Token	
E RSA SecurID	
	< III
	Save Reset

#### **Update the Connection Details**

cisco Identity Services Engine	Administration ↓	
🔆 System 🏾 👰 Identity Management 🔹 🗃 Identities Groups External Identity Sources	Network Resources 🛃 Web Portal Management 🛛 🗔 Feed Service Identity Source Sequences Settings	
External Identity Sources	RADIUS Token Identity Sources         General Connection         Server Connection         Safeword Server         Enable Secondary Server Image Always Access Primary Server Firm         Failback to Primary Server after	Authorization st
	<ul> <li>✓ Primary Server</li> <li>* Host IP 192.168.0.33  (i)</li> <li>* Shared Secret ••••• Show</li> <li>* Authentication Port 1812 (i)</li> <li>* Server Timeout 5 Seconds (i)</li> <li>* Connection Attempts 3 (i)</li> </ul>	<ul> <li>Secondary Server</li> <li>Host IP</li> <li>Shared Secret</li> <li>Show</li> <li>Authentication Port</li> <li>1812</li> <li>Server Timeout</li> <li>Seconds (i)</li> <li>Connection Attempts</li> <li>(i)</li> </ul>
	Submit Cancel	

#### The Authentication Settings – leave Defaults

սիսիս	
cisco Identity Services Engine	Administration   ▼ Policy   ▼ Administration   ▼
🔆 System 🛛 👰 Identity Management	Network Resources 🛛 🛃 Web Portal Management 🛛 🗔 Feed Service
Identities Groups External Identity Sources	Identity Source Sequences Settings
	RADIUS Token List > New RADIUS Token
External Identity Sources	RADIUS Token Identity Sources
↓ ■ .	General Connection Authentication Authorization
Certificate Authentication Profile 💿	
Active Directory	This Identity Store does not differentiate between 'authentication failed' and 'user not found' when an authentication attempt is rejected. From the options below,
LDAP ()	select how such an authentication reject from the Identity Store should be interpreted for Identity Policy processing and reporting .
RADIUS Token 💿	Treat Rejects as 'authentication failed'
RSA SecurID ()	O Treat Rejects as 'user not found'
	During an authentication session, initial request packets may not contain a password. The password must be requested. The prompt is configured here * Prompt Password:
	Submit Cancel

### The Authorization Settings – leave Defaults

cisco Identity Services Engine	Administration   ▼
🔆 System 🛛 👰 Identity Management	Network Resources 🛛 🛃 Web Portal Management 🛛 🗔 Feed Service
Identities Groups External Identity Sources	Identity Source Sequences Settings
External Identity Sources	RADIUS Token List > New RADIUS Token
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	RADIUS Token Identity Sources           General         Connection         Authentication
Certificate Authentication Profile 📀	
2 Active Directory	
	The RADIUS Token server may be configured to return a value in a Cisco av-pair with the format: attribute_name. If this is received from the Token Server, it may be placed into a dictionary value for subsequent authorization policy. To enable this feature, enter a name for the RADIUS Token Dictionary attribute below.
RADIUS Token     O	
RSA SecurID	A common case is a "CiscoSecure-Group-Id" in the Cisco av-pair, using the name CiscoSecure-Group-Id.
	* Attribute Name: CiscoSecure-Group-Id

### Save Token Server Settings – Hit Submit

er, it may be
VVE /.

#### **Create new Identity Source Sequence**

cisco Identity Services Engine	🟠 Home Operations	;   ▼ Policy   ▼	Administration   🔻
🔆 System 🛛 👰 Identity Management	Network Resources 🛛 🛃 We	b Portal Managemer	nt 🛛 😡 Feed Service
Identities Groups External Identity Sources	Identity Source Sequences	Settings	

#### Identity Source Sequences

/ Edit Add Cabuplicate XDelete		
Name •	Description	Identity Stores
Guest_Portal_Sequence	A built-in Identity Sequence for the Guest Portal	Internal Users, Guest Users
Guest_Source_Sequence_With_NGS		Guest Users,NGS
MyDevices_Portal_Sequence	A built-in Identity Sequence for the My Devices Portal	Internal Users
Sponsor_Portal_Sequence	A built-in Identity Sequence for the Sponsor Portal	Internal Users

#### Name the Sequence and Save it

սիսիս						
cisco	Identity Se	ervices Engine	🏠 Home	Operations   🔻	Policy   🔻	Administration   🔻
🔆 Syst	em 🛛 💆 I	dentity Management	Network Resources	🛃 Web Po	rtal Management	: 😡 Feed Service
Identitie	s Groups	External Identity Sources	Identity Source S	equences Se	ettings	
dentity Sour	ce Sequences Lis	t > Guest_Source_Sequence_Wi	th_NGS			
dentity	Source Seq	luence				
🔻 Identit	ty Source Seq	uence				
* Na	ame Guest_	Source_Sequence_With_				
Descrip	ption					
🔻 Certi	ificate Based /	Authentication				
	] Select Certii	ficate Authentication Profile				
🔻 Auth	entication Sea	arch List				
	A set of id	entity sources that will be acc	essed in sequence ur	til first authentica	ation succeeds	
Avail	able		Selected			
Inter	rnal Endpoints rnal Users kkin-AD	3	Suest Users NGS		*	
		~	«		~	Y
	nced Search ne action to be	List Settings performed if a selected ider	tity store cannot be acc	essed for authe	ntication	
_		ther stores in the sequence ser was not found and procee			ute to "ProcessEi	'ror"
Save	Reset					

#### **Create a New Guest Portal**

cisco Identity Services Engine			
	🟠 Home Operations 🔻	Policy 🔻 Administration	V
🐝 System 🛛 💆 Identity Management 🛛	📲 Network Resources 🛛 🛃 Web Po	tal Management 🛛 🔊 Fee	ed Service
Sponsor Group Policy Sponsor Groups Set	tings		
Cottingo	Multi-Portal Configurations		
Settings	g		
General	/ Edit		
Sponsor			
My Devices	Multi-Portal Name	<ul> <li>Portal Type</li> </ul>	Description
🔻 🧰 Guest	DefaultGuestPortal	Default	default portal
📄 Details Policy	Deny_Access	CustomDefault	
📄 Guest Roles Configuration	NGS_Test	Default	
🕨 🚞 Language Template			
🔻 🚞 Multi-Portal Configurations			
📄 DefaultGuestPortal			
E Deny_Access			
NGS_Test			
Fortal Policy			
Password Policy			
<ul> <li>Time Profiles</li> </ul>			
Username Policy			

#### **New Portal Operations Tab**

cisco Identity Services Engine	Administration   ▼
	🖥 Network Resources 🛛 🛃 Web Portal Management 🛛 😡 Feed Service
Sponsor Group Policy Sponsor Groups     Settings <ii>General      <ii>Sponsor      <ii>Sponsor      <ii>General      <ii>Sponsor      <ii>General      <ii>Sponsor      <ii>General      <ii>Sponsor      <ii>General      <ii>Sponsor      <ii>My Devices      <ii>My Devices      <ii>Guest      <ii>Details Policy    <ii>Guest Roles Configuration      <ii>Caust Roles Configurations      <ii>Details Policy    <ii>Caust Roles Configurations    <ii>DefaultGuestPortal    <ii>DefaultGuestPortal    <ii>Deny_Access    <ii>NGS_Test    <ii>Portal Policy    <ii>Password Policy    <ii>Time Profiles    <ii>Username Policy</ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii></ii>	Multi-Portal Configuration List > New Multi-Portal Configuration   Multi-Portal   General Operations   Customization Authentication     Guest Portal Policy Configuration   Guest users should agree to an acceptable use policy   Image:

#### New Portal Customization – Leave Defaults

cisco Identity Services Engine	Administration   ▼
🔆 System 🦉 Identity Management	📰 Network Resources 🛛 🛃 Web Portal Management 🛛 🔊 Feed Service
Sponsor Group Policy Sponsor Groups	Settings
Settings	Multi-Portal Configuration List > New Multi-Portal Configuration
General	Multi-Portal
<ul> <li>Equation Sponsor</li> <li>Equation My Devices</li> </ul>	General Operations Customization Authentication
<ul> <li>Guest</li> <li>Details Policy</li> <li>Guest Roles Configuration</li> <li>Language Template</li> <li>Multi-Portal Configurations</li> <li>DefaultGuestPortal</li> <li>Deny_Access</li> <li>NGS_Test</li> <li>Portal Policy</li> <li>Password Policy</li> <li>Time Profiles</li> <li>Username Policy</li> </ul>	Language template English  Use browser locale
	Submit Cancel

#### **New Portal Authentication**

iliulu cisco Identity Services Engine	Administration   ▼
🔆 System 🧏 Identity Management 📑	Network Resources 🛛 🛃 Web Portal Management 🛛 🖓 Feed Service
Sponsor Group Policy Sponsor Groups Setti	ngs
Settings	Multi-Portal Configuration List > New Multi-Portal Configuration
<ul> <li>General</li> <li>Sponsor</li> <li>My Devices</li> <li>Guest</li> <li>Guest Roles Configuration</li> <li>Language Template</li> <li>Multi-Portal Configurations</li> <li>DefaultGuestPortal</li> <li>Deny_Access</li> <li>NGS_Test</li> <li>Portal Policy</li> <li>Password Policy</li> <li>Time Profiles</li> <li>Username Policy</li> </ul>	Multi-Portal         General       Operations       Customization       Authentication         * Identity Store Sequence       Source_Sequence_With_NGS *

#### **Create new Authorization Profile**

cisco Identity Services Engine	Administration   ▼
🄀 Policy Sets 🔣 Profiling 🕢 Posture	😡 Client Provisioning 🛛 🚊 Security Group Access 🛛 🔒 Policy Elements
Dictionaries Conditions Results	
Dictionaries     Conditions     Results       Results     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles       Image: Condition Profiles     Image: Condition Profiles     Image: Condition Profiles </td <td>Authorization Profile          * Name       NGS-CWA         Description      </td>	Authorization Profile          * Name       NGS-CWA         Description
	Attributes Details
	Attributes Details     Access Type = ACCESS_ACCEPT     cisco-av-pair = url-redirect-acl=ACL-WEBAUTH-REDIRECT     cisco-av-pair = url-redirect=https://ip:port/guestportal/gateway?sessionId=SessionIdValue&portal=NGS_Test&action=cwa
	Submit Cancel

#### **ISE** Authentication

		MAB	: If Wireless_MAB <b>OR</b> Wired_MAB	Allow Protocols : MAB_Authentication	and
	<b>~</b>	Default	: use Internal Endpoints		

#### **ISE** Authorization

	<ul> <li></li> </ul>	Guest Access Internal Account	if	(Guest OR ActivatedGuest) AND Network Access:UseCase EQUALS Guest Flow	then	PermitAccess
		Guest Access NGS Acc ounts	if	(Network Access:AuthenticationIdentityStore EQUALS NGS AND Network Access:UseCase EQUALS Guest Flow )	then	PermitAccess
ø		CWA	if	Network Access:AuthenticationMethod EQUALS Lookup	then	NGS-CWA

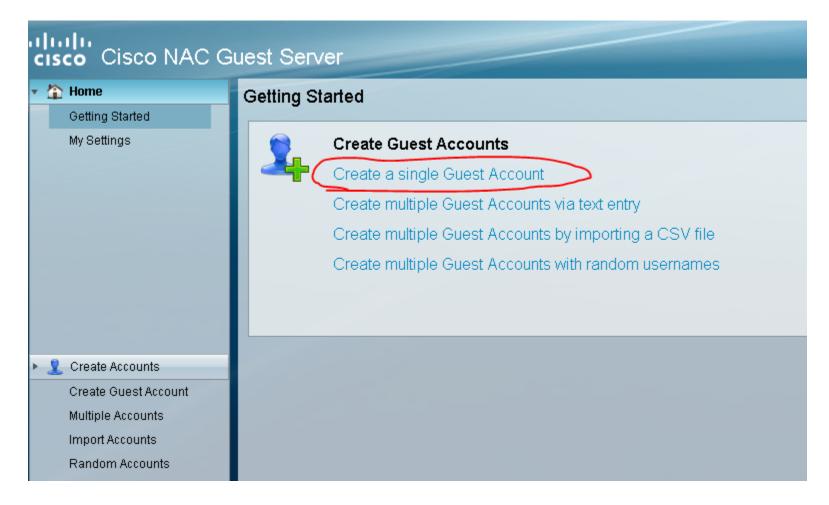
#### On NGS Add ISE PSNs as a RADIUS Client

<b>cisco</b> Cis	ico NAC G	uest Server Administra	tion					
<ul> <li>Authentication</li> </ul>		Add RADIUS Client						
Guest Policy								
<ul> <li>Devices</li> </ul>		Name:	ise-psn					
NAC Applia RADIUS Cli		IP Address:	192.168.0.44					
Email Settir		Secret:	•••••	Confirm:	•••••			
SMS Setting Syslog Mon		Description:	ISE P.S.N					
<ul> <li>User Interface</li> </ul>						h.		
<ul> <li>Hotspot</li> </ul>		Device sends Calling Station IP:						
<ul> <li>Server</li> </ul>		Attribute:			Add			
		Value:						
					*	Move up Remove Move down		
		Add RADIUS Client Cancel						

# Restart the RADIUS Process To apply the Changes

cisco NAC Guest Server Administration							
Authentication Edit RADIUS Client							
<ul> <li>Guest Policy</li> </ul>							
<ul> <li>Devices</li> </ul>	Name	IP Address	Description	-			
NAC Appliances	ise-psn-1	192.168.0.44	ISE home PSN 1	Û			
RADIUS Clients	ise-psn-2	192.168.0.45	ISE Home PSN 2	Ŭ			
Email Settings	Add RADIU	IS Client					
SMS Settings							
Syslog Monitoring	lf any change	s are made to th	e radius clients pleas	se click	k the Restart RADIUS button to apply them. Restart		
<ul> <li>User Interface</li> </ul>	To activate R/	ADIUS debug ma	ode click the Debug b	utton. 1	To turn debug mode off, click the restart button. Debug		
► Hotspot							
► Server							

#### **Create a Guest Account**



#### And you are Done!

### Guest accounts should now work on the ISE Hosted guest portal.

#### Thank you.

##