SONICWALL®

SonicOS 8

Cloud Secure Edge Feature Guide

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Cloud Secure Edge Overview

SonicWall Cloud Secure Edge (CSE) (formerly Banyan Security) is a leading provider of zero-trust security solutions for the modern workforce. Our device-centric Security Service Edge (SSE) product delivers a comprehensive range of integrated security capabilities – including Zero Trust Network Access (ZTNA), VPN as a Service (VPNaaS), Cloud Access Security Broker (CASB), and Secure Web Gateway (SWG) – all in a unified product that is simple to implement and boosts employee productivity.

Unlike traditional security products focused on the network perimeter, CSE's device-centric SSE platform brings the user and device to the forefront of protection, enabling intelligent, risk-based connectivity and threat detection. Working in concert with the CSE Cloud, our platform permits consistent policy enforcement without routing all enterprise traffic through vendor data centers or expensive on-premise appliances. This promotes lowering costs and improving user experience.

Topics:

- Cloud Secure Edge Integration with SonicOS
- Benefits of Using Cloud Secure Edge
- Connector Concepts
- Supported SonicWall Product Versions

Cloud Secure Edge Integration with SonicOS

Cloud Secure Edge (CSE) offers two edge deployment models to access your organization's private resources: **Self-hosted Private Edge** and **Global Edge Network**. SonicOS 8 and later supports the Global Edge Network deployment type. With this new capability, any organization can deploy SonicOS 8 as a Cloud Secure Edge Connector. The Connector is a dial-out connector that establishes a secure tunnel with CSE's Global Edge Network. It can be deployed in any location with connectivity to your internal services. There will be no change to the control plane. The Cloud Command Center always delivered as a cloud Software-As-A-Service (SaaS) offering. For more information on Cloud Secure Edge, refer to the CSE documentation.



To use the CSE feature, the user must do the following:

- 1. Provision a trial or purchased CSE product in MySonicWall (creates an organization). Refer to the section Activating Cloud Secure Edge in MySonicWall.
- 2. Enable the CSE Connector on a firewall running SonicOS 8 or higher. Refer to the section Configuring Cloud Secure Edge.
- 3. Configure Private Access: SonicOS needs to publish the networks, IP Addresses, and Private Domains (optional) for the CSE clients. Refer to the section Configuring Cloud Secure Edge in SonicWall Firewall.
- 4. Configure access control rules in the CSE (not on the SonicWall firewall). Refer to the section Configuring Access Control Rules on the CSE Console.
- 5. Enable the Connector. Refer to the section Configuring the Connector.
- 6. Manage Connectivity: To show the status of TSR, Packet Capture, and Logs. Refer to the section Viewing Cloud Secure Edge Connector Log events.

Benefits of Using Cloud Secure Edge

The following are the user benefits of using the Cloud Secure Edge with SonicWall firewall.

- Leverages the SonicWall firewall to enable ZTNA and CSE service.
- Empowers partners to provide robust security.
- Meets the evolving needs of customers.
- Adapts to the demands of various environments.

The Cloud Secure Edge "Connector" technology into our next-generation firewalls provides unparalleled security benefits:

- **Trust no One, Always Verify**: With a zero-trust approach, organizations can reduce the attack surface and prevent unauthorized access attempts, even if a device breaches the network perimeter.
- **Simplified Remote Access**: Cloud Secure Edge Connector (CSE) integration in SonicOS 8 allows employees to securely access authorized applications from anywhere, on any device, without having to

deal with repetitive and complex VPN and Access Policy configurations. With CSE, all user and device-level access policies are defined in the cloud command center.

• A Better User Experience: Enabling ZTNA has never been easier. Secure access can now be enabled with a few clicks and a simple private resource definition on your SonicWall firewall.

Connector Concepts

The Connector is a dial-out connector that establishes a secure tunnel with the Global Edge Network. It deploys in any location that has connectivity to your internal services. Each Connector only connects outbound and does not need any inbound open ports to operate correctly.

The CSE Connector for SonicWall firewall allows secure remote access to private resources behind the firewall. CSE infrastructure enforces access control, not by the SonicWall firewall. Traffic ingresses SonicOS via WireGuard tunnels from CSE POPs. Only inbound access (WAN to protected zones from a firewall perspective) is allowed. SonicOS Group Address Object is created automatically (per Connector). The firewall admin configures the allowed private IPv4 addresses (Group address object) and private domains, if any, that SonicWall firewall needs to resolve for the CSE clients. The Connector establishes a WireGuard tunnel to CSE POPs.

Supported SonicWall Product Versions

The following are the CSE supported SonicWall product versions:

SonicWall Products	Versions		
SonicOS	8 or higher		
NSM (Network Security Manager) SaaS	2.5.0 or higher		

Activating Cloud Secure Edge in MySonicWall

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This section explains how to deploy the SonicWall Cloud Secure Edge (CSE) in MySonicWall by activating a CSE trial. Alternatively, you can activate or subscribe to CSE directly by making a purchase.

To activate your Cloud Secure Edge in the MySonicWall account:

- 1. Navigate to MySonicWall and click **Sign Up**. When you sign up for the MySonicWall account a new MySonicWall account can be created. For more information on creating your MySonicWall account, refer to the KB article How do I create a MySonicWall.com account.
- Navigate to Product Management > Free Trails. Hover over the SonicWall Cloud Secure Edge product and click Try Now.



- 3. To start a trial for the CSE.
 - a. Choose a Friendly Name.
 - b. Choose Tenant Name and click Try Now.

Provide Friendly Name			×
Friendly name			
Tenant Name	TechPubs	•	
		Cance	t Try Now

- c. To provide the Cloud Secure Edge tenant details, choose your data center from the **Choose Data Center** drop-down.
- d. Enter your Cloud Secure Edge Name and click Try Now
 - **NOTE:** We recommend you use something like 'acme" or "acme-inc" if your organization name is 'Acme Inc.". The CSE Name is shown in the CSE console, is included in the SAML redirect URL and is the default invite code for banyan clients registering to this tenant. Only lowercase letters a-z, numbers 0-9, and hyphen *-* are allowed. Must start with a letter (we plan to allow starting with a number soon). Org name has at least 4 characters and at most 50 characters.

Provide Cloud Secure Edge tenant details	×
Choose Data Center	San Jose, North America 👻
Cloud Secure Edge Name $(\hat{\imath})$	Enter Cloud Secure Edge Name
	Cancel Try Now

Now, you have a 25-user count trail for 30 days for both Secure Private Access and Secure Internet Access.

- 4. To view your license details:
 - a. Navigate to **MyWorkSpace > Products** and select your tenant from the **Tenants** drop-down.
 - b. Refresh the page and click on the serial number of the Cloud Secure Edge product type.
 - c. Click the Licenses tab to view your licensing information.

SONIC WALL	<≡ MySonicWall		Rata Yaun Experimenta 👸 🔂 💡 🏋 🕤
 My Workspace Dashkoard 			5004 Incoucts Ucchie EXPIRE ALERTS THE UPDATES MARLARLE 60 2 35
- Products - Register Products	\$ Q	Terrentediae (Interterrented	8 8
User Groups Product Management	CSE	SBIM Product Details Licenses 18C2 Q Show All Licenses *	Activition key:
 Free Triats My Promotions 	SONICWALL NSA 5700 North America	000 Service Name 2008 ✓ Secure Private Access (Licensed)	STATUS COUNT EXPRET DATE ACTIONS
 Perspend AutoRenewals 	SONICWALL NSsp 11700 North America	2CB8 Secure Private Access Basic 0040 Secure Private Access Advanced	Unlicensed ← Activate 17 Boy © Start Trial Licensed 25 Aug 1 2024 ← ← Renew 17 Boy © Start Trial
— Catalog — My Orders — My Quotes	NSv_270_sw_211 SONICWALL NSA 4700 North America	Coord ✓ Socure Internet Access (1 Ucenced) Secure Internet Access Basic	Unicensed 🛥 Activate 🕅 Buy 📀 Start Tital
- Service Co-termination	TP_Lab_NSM NSa 2700 Techpubs	Secure Internet Access Advanced 2ccs V Support & Consulting Services (1 Licensed)	Licensed 25 Aug12024 ● ● Renew Yi Buy ⊙ Start Tital
	2CB8ED4AFD5E SONECWALL NOV 270	2CBE 24x7 Support	Licensed Aug 1 2024
	SONICWALL TZ 470 North America	acto	

5. Once provisioning is complete, you receive a provisioning complete email for the Cloud Secure Edge product.

(i) **NOTE:** Provisioning completion may take a few minutes.

- 6. To use Connector on the SonicWall firewall, the firewall must be registered in the same MSW tenant as the CSE, refer to the KB article How can I register a product in MySonicWall account.
 - (i) **NOTE:** The firewall does not need a license to use the Connector. A licensed CSE product in the same MySonicWall tenant is sufficient.
 - a. Navigate to My Workspace > Register Products.
 - b. Register your SonicWall firewall in the tenant you started the CSE trial in.
- 7. Once you receive the provisioning complete email, navigate to **Services** >**Available Services**. Then, hover over the Capture Security Center and click **Launch**.



8. Select your tenant in the Capture Security Center. If your tenant or product is unavailable, click refresh and check the availability.

9. Click the Cloud Secure Edge icon to use your single sign-on (SSO) credentials to log into the product console, also known as the CSE Command Center.



Configuring Cloud Secure Edge in SonicWall Firewall

This section explains how to configure Cloud Secure Edge in the SonicWall firewall.

Topics:

- Configuring Cloud Secure Edge
- Configuring the Connector
- Viewing Connector Status

Configuring Cloud Secure Edge

This section explains how to configure Cloud Secure Edge in the SonicWall firewall.

Prerequisite:

- Register your SonicWall firewall in the same tenant where you started the trial or have the CSE license within your MySonicWall account. Refer to the KB article How can I register a firewall in my MySonicWall account for more information.
- An active Cloud Secure Edge registered in the same tenant.

To configure the CSE on the firewall:

- 1. Sign in to your SonicWall firewall and navigate to Device > Settings > Firmware and Settings.
- 2. Click the **Create Backup** to create a backup and click the **Export Configuration** to export the configuration file backup.
- 3. Upgrade your SonicWall firewall to the latest firmware version. To get more information on upgrading SonicOS firmware, refer to the SonicOS Upgrade Guides.

() NOTE: Cloud Secure Edge is supported from the SonicOS 8 firmware version onwards.

Once the SonicWall firewall is updated to version 8, a new feature, Cloud Secure Edge appears under the path: **Network > Cloud Secure Edge**.

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4. Navigate to Network > Cloud Secure Edge > Access Settings and enable the option Enable Cloud Secure Edge Connectivity.



To view the connectivity status:

- If all tunnel connections are error-free, the checkbox status shows as green.
- If there are partial tunnel connections, the checkbox status shows an orange icon.
- In case of errors, the checkbox status appears as a red icon, indicating issues with all tunnel connections along with error details.
- The Connector status tooltip provides more details when hovered over.
- The checkbox icon for tunnel connection status (up and down) are similar to those used in interfaces.
- 5. Click Accept.

Configuring the Connector

This section explains how to configure the Connector in the SonicWall firewall.

To configure the Connector on firewall:

 Navigate to Network > Cloud Secure Edge > Access Settings page and click the Connectors tab. You can see the Connector Synchronized with the SonicWall firewall and the enabled Connector status. If the Connector is not enabled by default, toggle the Enable option to enable it.

€ NSa 6700	🙆 номе 🏦	MONITOR 🕎 DEVICE		OBJECT	E POLICY				ł	* 🖂	* 0	₽ 🗘	Q AD
()	/ Network / Clou	d Secure Edge / Access Settin	igs				This firewal	l is currently being man	aged by GMS / NSM.		onfiguration		Ion-Config
Cloud Sec	ure Edge Conner	itors											
												🚯 Sync	hronize
# CONNECT	OR NAME	CIDRS	DC	OMAINS		STATUS		ENABLE		CONFIGUE	ε		
1 105.158	15_38C24332F954	\$ °	0			<u>~</u>				1			
Total: 1 item(s)													
í .													

2. Select the Connector and click the **Configure** icon to edit the Private Classless Inter-Domain Routing (CIDRs) accessible over the solution.

The Connector shows the list of entries added to the CSE. There are two tabs for configuration: Private CIDRs and Domains.

a. You can add/remove/edit the CIDR entries. You are publishing the private applications/resources/networks that you want your end users to access.

Configure Connector				
Private CIDRs Domains				
# NAME	ADDRESS DETAIL	ТҮРЕ	ZONE	CONFIGURE
1		Group	-	/ +
X0 Subnet	192.568.55.0/255.255.255.0	Network	LAN	Ĩ

b. You can also add/remove/edit the domains (optional).

Domains represent the private domains that are resolvable by this firewall using the Split DNS Feature. This list publish as domains resolvable by this firewall in the CSE Connector settings automatically.

- (i) **NOTE:** CSE connector includes support for wildcard entries. This feature ensures that all subdomains are properly accessible in terms of resource access.
 - To enable DNS resolution for domains with all prefixes, configure the connector with a wildcard domain in the "Domain" section (e.g., *.sonicwall.local or *.sonicwall.com).
 - For resolving only specific domains, use non-wildcard domain entries in the "Domain" section of the connector configuration (e.g., a.sonicwall.local, b.sonicwall.com, or sonicwall.com).

Configure Connector				
Private CIDRs Domains				
		+ Add	🗑 Delete	₹2 Refresh
# DOMAIN	IPV4 DNS SERVERS	LOCAL INTERFACE		
No Data				

3. Click the **Configure** icon to edit the Private CIDRs:

(i) NOTE: The maximum number of allowed private CIDRs is 32.

Add the Network resource in the Group under the Default CSE Allowed CIDRs and click **Save**.

Edit Allo	w List					
			Name Default	CSE Allo	wed CIDR:	
SHOW AVAILA	BLE					
All (453)	Hosts (45)	Vetworks (38)	V FQDN (0)			
	Not in Group	82 items	<u>e</u>		In Group 1 items	Ø
Q]	٩	
X11 Subnet[NW]					resource[NW]	
X12 IP[HOST]						
X12 Subnet[NW]						
X13 IP[HOST]				(\mathbf{b})		
X13 Subnet[NW]				0		
X14 IP[HOST]				\odot		
X14 Subnet[NW]						

4. Add the Network resource in the Group under the Default CSE Allowed CIDRs, and click Save.

Edit Allow List			(
Ν	lame Default CSE Allo	wed CIDR:	
SHOW AVAILABLE			
All (453) Hosts (45) Networks (38)	FQDN (0)		
Not in Group 82 items	Ø	In Group 1 item	s 🧷
٩		٩	
X11 Subnet[NW]		resource[NW]	
X12 IP[HOST]			
X12 Subnet[NW]			
X13 IP[HOST]	(+)		
X13 Subnet[NW]			
X14 IP[HOST]	•		
X14 Subnet[NW]			
X15 IP[HOST]			
			Cancel Save

Optional: Navigate to **Object > Match Objects > Addresses > Address Objects**. Click **+Add** to add the network resource in the Address Object Settings as below.

Address Object Settings				
Name	resource	()		
Zone Assignment Type	LAN Host]		
IP Address	100.100100			
	Cancel	Save		

- Optional: Navigate to Object > Match Objects > Addresses > Address Groups. There is only an edit group operation, and when clicked, it shows an Address Object group configuration. Search for Default CSE Allowed CIDRs" address group.
 - User can edit Address Object group to add or delete address objects.
 - User cannot delete an Address Object group.
 - When expanded, this displays the member Address Objects.

 In the Network > Cloud Secure Edge > Access Settings > Domains tab, click +Add option to add the Domains, it opens the Add Split DNS, and user can configure the split entries.

(i) **NOTE:** The maximum number of published DNS domains is 4.

Add Split DNS	
Domain Name	
IPv4 DNS Server Primary	
IPv4 DNS Server Secondary	
IPv4 DNS Server Tertiary	
Local Interface	Select an Interface 🔹
Manually set TTL value in DNS reply	0
	Cancel Save

- Lists all domain entries filtered for the WireGuard interface only.
- Allows adding or deleting domain entries.
- Search and refresh capabilities.

Viewing Connector Status

Navigate to the **Network > Cloud Secure Edge > Status** page to view the status of the Connector's connectivity with the Global Edge Network/POP. Obtain the Connector's name from the configuration in CSE (the Connector name is generated automatically).

< <u> </u>	HOME MONITOR		ак 🕤 овјест	A POLICY		\$	⊵ *	. 😇 🕯	Q AD
3	/ Network / Cloud Secure Edg	pe / Status			This firewall is curren	tly being managed by GMS / NSM.	Config	uration 🔘	Non-Config
									🗘 Refresh
# CONNEC	FOR NAME	TUNNEL NAME		TRANSMITTED PACKETS	RECEIVED PACKETS	STATUS			
1 .	31,30531337981					\checkmark			
		team-edition-dev-1			6	6 🚹			
		gke-use1-at01			6	6 🚹			
		gke-usw1-at01			6	6 🚹			
Total: 1 item(s)									

(i) NOTE: The Connector name can be up to 127 characters.

Configuring Access Control Rules on the CSE Console

This section explains configuring networks, private access, and directories in the Cloud Secure Edge console.

To configure networks, private access, and directories in the Cloud Secure Edge console:

1. Navigate to **Services** >**Available Services**. Hover over to the Capture Security Center, and click **Launch**.



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- 2. Select your tenant in the Capture Security Center. If your tenant or product is unavailable, click **Refresh** and check the availability.
- 3. Click the **Cloud Secure Edge** icon to use your single sign-on (SSO) credentials to log into the product console.
- In the CSE console, navigate to Network > Connectors, and ensure that the configured SonicWall firewall shows up. Connector appears with the MySonicWall Friendly Name and Serial Number as the Name.

(i) **NOTE:** Do not delete the Connector in the CSE console.



5. Navigate to **Private Access > Service Tunnel** tab, and click **+ Add Service Tunnel**.

BANYAN SECURITY	Private Access		· ·	horegiteraama	n di secondonale
	Service Tunnels Hosted Websites	Infrastructure Discovery laaS Discovery	Access Policies	Q All Assisted Smart Search	
🔗 Home	Service Tunnels				C
/P Private Access	Search Q			+ Add Se	ervice Tunnel
Internet Access	STATUS	NAME	POLICY ATTACHED	LAST UPDATED ACTIVE CO	INNECTIONS
Trust					
8 Networks					
E Directory			No Rows To Show		
Settings					
? Get Help					

- a. Enter your service tunnel name in the general information section.
- b. Click + Add Network and select your SonicWall firewall Connectors in the Network Settings section.
 - (i) **NOTE:** The number of Connectors is limited to 1 and the maximum number of POPs (Service Tunnels) supports is 16.

BANYAN SECURITY Glapse Nav	Private Access	Q A/Assisted Smart Search
Home	General Information Name the Service Turned	
Internet Access	This is the name displayed is the Burryan App for end users. Description Description Description	
Retworks		
 Directory Settings 	Adda andrein with the accessible via this Service Turnel.	+ Add Network
? Get Help	- PRIVATE INFO	
	CONNECTORS OF THE GLOBAL EDGE	
	CONSCIONS PRIVATE COMMAS PRIVATE COM	٥

- c. Click **Attach a Policy**, and select your policy from the **Attach a Policy** search option in the **Assignment Settings** section. For more information on the access policy, refer to the Access Policies.
- d. Click Save.

Assignment Settings						
Attach a Policy						
Select a Policy to attach		AllUsersAndDevices-Tunnel				
What mode should the policy be in?		Enforcing Permissive				
Read more about Enforcing vs Permissive Policies.						
Private Search Domains			+			
Search Domains are added in priority order, with the first Search Do	main provided as priority 1. See Operating System					
guidance for limitations						
Connect on Login						
Enabling will automatically connect this Service Tunnel when users	og into their app. Users can still connect to other					
Service Tunnels manually.						
Summary						
Search Q Include Exclude						
DOMAINS (ADDS / IDS	INCLUDE (EVOLUDE	NETWORK				
		NE 19576	A.			
	No Rows	To Show				
			v			
Cancel			Save			

- 6. Navigate to **Directory > Users**.
 - a. Click Add User and enter your name and corporate email ID.
 - b. Click Save.
 - c. You receive an email from CSE with the account details.
 - d. Complete your sign-up with the information, set your new CSE password to activate your account in the CSE App or Client and log in with your new password.

Deploying CSE App or Client and Testing Connectivity

To deploy the CSE App or Client:

1. Navigate to Settings > CSE Client, and download the CSE Client and Install it.



- Install the CSE App or Client on your machine.
 Copy the invite code when prompted to register with the correct organization. You can find the invite code in the email received email from CSE when you add a user under the **Directory** > **Users** section.
- 3. Install a CSE App or Client on your machine. CSE App or Client represents a remote user trying to connect to a secure resource via the CSE/CSE ZTNA solution.

To test the CSE App or Client connectivity:

1. If the CSE App or Client is in connected status.

In this case, we have allowed ping to an internal resource, and you can see that ping over the CSE ZTNA solution is working.

Conserved Prompt - ping 105220210 + - 0	8 fey	n App	- 1	3 7
icrosoft Nindows (Version 20.0.19045.4529) c) Nicrosoft Corporation. All rights reserved.				
	۲	Your session will expire in 2 hours 55 minutes		
	9 8 8			-
	۲			

2. If the CSE App or Client is in disconnected status.

In this case, we have allowed ping to an internal resource, and you can see that ping timing out.



Viewing Cloud Secure Edge Connector Log events

This chapter provides viewing the log events for CSE Connector.

On the SonicWall firewall, navigate to **Device > Log > Settings**.

Users can view a new log category "Cloud Secure Edge", and the implementation of New CSE Events such as CSE Connector, CSE Enabled, CSE disabled, CSE Connector Error, CSE Connector Enabled, CSE Connector Disabled.

The CSE Enabled/Disabled event have the date/time, and nominal string fields to indicate status.

CSE Connector Enabled/Disabled have the date/time, and the Connector name in the string field.

CSE error event is logged after exhausting retries to communicate with LM or CSE Command Center or on receiving an error indication from LM (For example: Organization is not created).

SONICWALL	€ NS# 6700 номе	釽 MONITOR		CE 🧏 NETWO	ояк 🎒 овјест	E POUCY				⇔ ⊵ *	ଓ [®] ଡ଼ର୍ 🗚
SonicOS 7.1.2-7015	🕼 🗰 Harris / Device / Log / Settings Configuration 🕖 New-C										
FIREWALL	Accept Cancel & Filter Logging Level: Warni. 💌 Alert Level: Alert 💌 🖽 View Logs										
Settings	CATEGORY	COLOR	ID Pf	UORUTY	💌 ou	ALERT	🔨 systog	TRAP	IPPOK	T EMAIL	EVENT COUNT
🎬 High Availability	Anti-Spam			mixed					P.		0
💄 Users	▼ Cloud Service Edge			mixed							3
	▼ CSE Connector			mixed							3
AppFlow	CSE Enabled		1749 🖊	🔰 notice 🛛 💌		0					0
Network Access Control	CSE Disabled		1750 🚺	notice 💌		0					0
🛤 Log	CSE Connector Enabled	•	1751 🖊	notice 💌		0					2
- Settions	CSE Connector Error	•	1752	error 💌		0					0
- Svilog	CSE Connector Disabled		1753 🚺	🔪 notice 🛛 💌		0					1
- Automation	Firewall			mixed		(F)					0
 Name Resolution 	Firewall Settings			mixed	Pr.	P.	P.		(F)	F	523
- Reports	High Availability			mixed	P.	P	P*	(F)	P.	F	0

6

The WireGuard module implements WireGuard tunnel log events, and it has sufficient logs to report events on WireGuard packet handling.

SonicOS's existing support for sending configured log events to an external server should already cover the sending of log events to NSM.

Summarized Connector status can be set in Heartbeats. (0 = all tunnels up, 1 = some tunnels up, 2 = all tunnels down).

SONICWALL	<는 NSa 6700 @ HOME @ 1	MONITOR		лопк 💕 овлес	T 🏀 POLICY				✿ ⊡ ≮	ତିତ୍ୟ 🗚		
SonicOS 7.1.2-7015	🕼 👘 / Device / Log / Settings Configuration 🔵 Nos C											
FIREWALL	Cancel 🔶 Filter Logging Level: WarnL. 💌 Alert Level Alert 💌 🖽 View Logs											
5ettings	CATEGORY	COLOR	ID PRIORITY	💌 oui	ALERT	SYSL06	TRAP	IPFIX	EMAL	EVENT COUNT		
🎁 High Availability	▼ WireGuard		mixed					P		9567		
🙎 Users	 WireGuard Core 		mixed					F		0		
	Wireguard Peer Created	•	1698 🚺 inform 🤊							0		
AppFlow .	Wireguard Peer Creation Failed		1639 🔼 notice 🦄	r 💽				0		0		
Network Access Control	Wireguard Peer Updated	•	1700 🚺 inform 🤊		0			0		0		
26 1	Wireguard Peer Update Failed		1701 🔼 notice 🦄							0		
	Wireguard Peer Removed	•	1702 🚺 inform 🤊					0		0		
- Svila	Wireguard Peer Removal Failed		1703 🔼 notice 🦄							•		
- Automation	WireGuard Encryption Palled		1720 🔼 notice 🦄							•		
- Name Resolution	WireGuard Decryption Failed	•	1721 🔼 notice 🤊		0					0		
- Reports	Wireguard Settings Failed		1740 🔼 notice 🦄	r 💽				0		0		
- AWS	Wireguard Portal Peer Created	•	1743 🚺 inform 🤊		0			0		0		
Ju Diagnostics	Wireguard Portal Peer Creation Failed	•	1744 🔼 notice 🦄							0		
EXTERNAL CONTROLLERS	Wireguard Portal Peer Removed	•	1745 🚺 inform 🤊					0		•		
Switch Network	Wireguard Portal Peer Removal Failed	•	1746 🔼 notice 🦄	r 💽						0		
Access Points	Wireguard Portal Configuration Written		1747 🛃 debug 🦄	r 💽				0		0		
S WWAN	Wireguard Portal Writing Configuration Pailed		1748 📓 debug 🦄					0		0		
•//	VireGuard Handshake		mixed							9567		
	WireGuard Handshake Succeeded	•	1704 🚺 inform 🤊	r 💽	0					1913		
	WireGuard Handshake Failed		1706 🔼 notice 🦄							0		
	Initiation Sent	•	1706 🚺 inform 🤊	r 💽						1904		
	Initiation Sending Failed		1707 🔼 notice 🦄							0		
	Response Sent	•	1708 🚺 inform 🦄							10		
	Response Sending Failed		1709 🔼 notice 🦷		0					0		
	Initiation Created	•	1710 🚺 inform 🤊		0		0			1904		

Use Case

This section provides the use case information for the Cloud Secure Edge.

Topics:

- Firewall is RMA
- Firewall is a Secure Upgrade
- SonicWall Active/Standby HA Pair Scenarios
- Temporarily Turning off the Connector
- Synchronize Status of the Connector

Firewall is RMA

The old unit continues working for two weeks as per RMA expectations. The user receive a replacement unit and then register to start using the new unit. SonicOS running in the new unit will request LM for a new Connector. LM follow the same process as requesting a new Connector for a firewall.

Firewall is a Secure Upgrade

Users may need to create a new service tunnel and access control policies on the CSE command center.

SonicWall Active/Standby HA Pair Scenarios

Only the primary in an HA pair environment have a Connector created in CSE. The secondary expects to use the same configuration when it becomes the 'active' in the active/standby pair and connects with the same variables via WireGuard to the POPs.

Temporarily Turning Off the Connector

Once the user enables the toggle for the Cloud Secure Edge Connector, a new option enables by default. The Enable Cloud Secure Edge connectivity option can be toggled OFF to disconnect the Connector on the firewall. Toggle back enable the Connector again. In this scenario, the Connector remains connected in the CSE console. Do not delete the Connector in the CSE console.

Synchronize Status of the Connector

Request this option in the CSE Status tab, and click it to get the Connector details, including the Connector status from LM. This will help to synchronize the Connector status with LM.

SonicWall Support

Technical support is available to customers who have purchased SonicWall products with a valid maintenance contract.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year.

The Support Portal enables you to:

- View Knowledge Base articles and Technical Documentation
- View and participate in the Community Forum discussions
- View Video Tutorials
- Access MySonicWall
- Learn about SonicWall Professional Services
- Review SonicWall Support services and warranty information
- Register at SonicWall University for training and certification

About This Document

SonicOS Cloud Secure Edge Feature Guide Updated - November 2024 Software Version - 8 232-006213-00 Rev A

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