

How to Configure the SecureEdge Connector

https://campus.barracuda.com/doc/98225730/

Barracuda SecureEdge Connectors keep your devices secure by redirecting their traffic through a secure VPN connection. Barracuda SecureEdge Manager allows administrators to configure the SecureEdge Connector, a software solution for establishing a connection between the service and a resource that cannot be reached via routing. Registration of the SecureEdge Connector is token based. Once enrolled, each Connector is assigned a single static IP address within the SecureEdge environment. You can also configure a list of resources that the Connector can connect to. Each resource can be reached via Barracuda SecureEdge Agent if permitted by an existing policy. You can connect to numerous applications on Windows and Linux servers and in the cloud via one-click Connector deployments. The Connector supports all edge services including private edge and edge service for virtual WAN.

Note that for the initial release, Connectors will be able to connect to <u>only</u> two providers or instances of the edge service they are attached to. For this reason, the first two static providers will be used and added under the WAN settings in the Private Edge. Any additional providers will be ignored. This is also true for cloud services when scale units are increased.

Step 1. Configure Client Network

- 1. Go to https://se.barracudanetworks.com and log in with your existing Barracuda Cloud Control account.
- 2. Select the workspace your Connector should be assigned to.
- 3. Go to Infrastructure > Settings.

1	Infrastructure	×
	Edge Services	
	Sites	
	IoT	
<u> </u>	Connectors	
0	VM Activation	
	Settings	

4. The **Settings** window opens. Scroll to the **Connector** section.



5. In the **CLIENT NETWORK RANGE** section, specify values for the following: • **Client Network** – Enter the network used for the clients

chefit Metwo	TR - Litter the network used for the clients.
Connector	
CLIENT NETWORK RANGE	
The Client Network is used to	o assign IPs to resources behind the Connectors.
Client Network *	192.168.200.0/24
	Save

6. Click Save.

Step 2. Create a SecureEdge Connector

- 1. Go to https://se.barracudanetworks.com and log in with your existing Barracuda Cloud Control account.
- 2. Select the workspace your Connector should be assigned to.
- 3. In the left menu, click the **Infrastructure** icon, and select **Connectors**.

1	Infrastructure	×
	Edge Services	
	Sites	
	IoT	
0	Connectors	
0	VM Activation	

4. The **Connector** page opens. All enrolled Connectors deployed in the selected workspace are displayed. Click **Add**.

Demo Enterprises Inc/Pro Infrastructure >	oduction Connectors					Add
						T Add filter Edit columns
STATUS	NAME	EDGE SERVICE	DESTINATIONS	HOSTNAMES	PROVISIONING DATE	
Ø	AWSDevNetwork	D Austria	Zipper Crunchit	zipper.io crunch.it.com	2024-04-25 08:02	: ∠ ∎ [*]
0	BetaTesting	₽∰ India	Cloud9	cloudnine.com	2024-04-25 08:02	: 🖉 🗊
0	InnsbruckServer	₽ EuropeWest-Offline	Sunshine	sunshine.net	2024-04-25 08:02	: Z 🖬
0	SecureMail	₽₩ Austria	Sparky	sparky.com	2024-04-25 08:02	:21

- 5. The Add Connector window opens. Specify values for the following:
 - **Name** Enter a unique name.
 - **Description** Enter a brief description.
 - Edge Service Select the edge service you wish to connect to from the drop-down list.



1	2	3	4
General	Servers	Summary	Comple
Name *	CampusConnec	ctor	
Description	Connector to C	ampus	
Edge Service *	Australia		

- 6. Click **Next**, and specify values for the following:
 - **Servers** Enter the names of the servers. To add a server, click +. To remove a server, click on the trash can icon .
 - **Hostname** Enter your unique hostname.
 - Internal IP Enter the internal IP address.

	General	2 Servers	3 Summary	Complete
Se	rvers 🕂 🗍			
W	VebServer	i Servers*	WebServer	
		Hostname *	webserer.mydoma	ain.com
		Internal IP *	127.0.0.1	
				Back
Click Ne x The Sum Add Conr	xt. Imary page ope nector	ns. Review your se	ettings and click	Back Market Save.
Click Ne x The Sum Add Conr	xt. mary page ope nector	ns. Review your se	ettings and click	Back Market Save.
Click Nex The Sum Add Conn	xt. mary page ope nector	ns. Review your se	ettings and click	Back Complete
Click Nex The Sum Add Conn Ge Summary fo	xt. mary page ope nector eneral	ns. Review your se	ettings and click	Back Complete
Click Nex The Sum Add Conn Ga Summary fo	xt. mary page ope nector eneral or Connector CampusCor Connector Name	ns. Review your se	ettings and click	Back Complete
Click Nex The Sum Add Conn Ge Summary fo	xt. mary page open nector eneral or Connector CampusCor Connector Name Service Name	ns. Review your se	ettings and click 3 Summary	Back Save.

The Connector status is now displayed.

9. Verify the status of the Connector and follow the instructions in the configuration window.

Back Save

10. You can download and install the required connector for Windows and Linux. Click **Finish**.



Connector "CampusConnector" created succ	essfully
Follow the next steps below to start using it	
Vext Steps	
Download and Install the connector	
Download for Windows Download for Linux	
2 Provision the connector with the OTP token:	
d5b138a93527dc512538713c1bba0c07	
3 Check that the connection is established	

11. After the configuration is completed, your Connector is created. On the **Connectors** page, you will see a new Connector has been enrolled.

Demo Enterprises Inc/P Infrastructure >	Connectors					Add
					I	Y Add filter Edit columns
STATUS	NAME	EDGE SERVICE	DESTINATIONS	HOSTNAMES	PROVISIONING DATE	
0	AWSDevNetwork	Austria	Zipper Crunchit	zipper.io crunch.it.com	2024-04-26 01:42	: 🖉 🗊 🍈
Ø	BetaTesting	₽ € India	Cloud9	cloudnine.com	2024-04-26 01:42	: 🖍 🗊
Ø	InnsbruckServer		Sunshine	sunshine.net	2024-04-26 01:42	: 🖉 🗊
0	SecureMail	Austria	Sparky	sparky.com	2024-04-26 01:42	: 🖉 🗊 💡

12. On the **Connector** page, click the icon with the **three vertical dots**.

	Y Add filter
PROVISIONING DATE	
2023-05-02 10:22	
2023-05-02 10:16	Generate Registration Token
2023-04-28 13:17	Download the Windows agent Download the Linux agent
2023-04-27 11:02	: / 1

- You have three options:
 - Generate Registration token To generate new registration token for the Connector, select Generate Registration token.
 - Download the Windows agent To download the Windows agent,



select Download the Windows agent.

- Download the Linux agent To download the Linux agent, select Download the Linux agent.
- 13. Click **Generate Registration Token.** The **Generate Registration Token** window opens. Copy the Connector token.



15. Click **OK**.

Step 3. Install the Barracuda Connector

1. Launch the setup of the SD-WAN Connector.

Barracuda SD-WAN Conne	ctor - InstallShield Wizard X
Barracuda.	Welcome to the InstallShield Wizard for Barracuda SD-WAN Connector
	The InstallShield(R) Wizard will allow you to modify, repair, or remove Barracuda SD-WAN Connector. To continue, click Next.
SD-WAN Connector	
/// Network and App Security	< Back Next > Cancel

2. Accept the terms in the License Agreement window and click Next.

Barracuda SecureEdge



Please read the following licen	ise agreement carefully.	
IF YOU LIVE IN THE UNI A BINDING ARBITRATION AFFECTS YOUR RIGHTS WITH BARRACUDA. PLEA	TED STATES, THIS AGREE N CLAUSE AND CLASS ACT ABOUT HOW TO RESOLVE ASE READ IT CAREFULLY.	MENT CONTAINS ION WAIVER. IT ANY DISPUTE
Terms and Conditions		
Terms and Conditions	se agreement	Print

3. The **Enrollment Token** window opens. Enter the token retrieved in Step 1 and click **Next**.

Barracuda SD-WAN Connector - InstallShield Wizard	\times
Enrollment Token Enter Enrollment Token for Initial Provisioning	7
Please enter the Enrollment Token as shown in the Barracuda SecureEdge Cloud Service.	
Enrollment Token: 2bf660b7b0d64068b55c47d95616d940	
InstallShield < Back Next > Cancel	

- 4. To install the Barracuda SD-WAN Connector, click Install.
- 5. After the installation is complete, click finish. You must verify that the SD-WAN connector is up and running in your system's services menu.



ervices						
Action View	Help					
• 🔿 🔲 🖬 🕼	à 🗟 🛛 📷 🕒 🔳 🕕 🕨					
Services (Local)	Services (Local)					
	Barracuda SD-WAN Connector	Name	Description	Status	Startup Type	Log On As
	Stop the service Restart the service Description: Provides Access to configured resources in a CloudGenWAN environment	 Application Information Application Layer Gateway Application Management AppX Deployment Service (AssignedAccessManager Se Auto Time Zone Updater Auto Time Zone Updater Auto Time Zone Updater Background Intelligent Tran Background Tasks Infrastruc Barracuda CloudGen Access Barracuda SDB-WAN Connec Bare Elitarion Envire 	Facilitates the running of interactive ap Provides support for 3rd party protocol Processes installation, removal and enu Provides infrastructure support for depl AssignedAccessManager Service support Automatically sets the system time zone. This is Audio Video Control Transport Pr Transfers files in the background using i Windows infrastructure service that con Manages the lifecycle and configuration Barracuda Network Access Client Service Provides Access Configured resource Das Base Eliterion Enrico (EEE) is a cervi	Running Running Running Running Running Running Running	Manual (Trig Manual Manual Manual (Trig Disabled Manual (Trig Automatic Automatic Automatic Automatic Automatic	Local Syste Local Service Local Syste Local Syste Local Syste Local Service Local Service Local Syste Local Syste Local Syste Local Syste Local Syste

The exposed resources are accessible over the SecureEdge environment via the domain name you configured in the server configuration of the Connector in Step 1. The resources and services are now reachable via the Barracuda SecureEdge Agent for any client. The Barracuda SecureEdge Agent is a Zero Trust Network Access (ZTNA) agent running on the client that connects to the services offered by Barracuda SecureEdge. For more information, see <u>How to Enroll Users in Barracuda SecureEdge</u>.

You are now ready to access the configured resources and services of the Connector over the SecureEdge environment.

Edit an Existing Connector

- 1. Go to https://se.barracudanetworks.com/ and log in with your existing Barracuda Cloud Control account.
- 2. Select the workspace you want to edit the existing enrolled Connector from.
- 3. In the left menu, go to **Infrastructure > Connectors**.

The **Connector** page opens. All Connectors enrolled in the selected workspace are displayed.

4. Click on the pencil icon next to the Connector you want to edit.

Demo Enterprises Inc/Pr Infrastructure >	Connectors						Add
						Y Add filter	Edit columns
STATUS	NAME	EDGE SERVICE	DESTINATIONS	HOSTNAMES	PROVISIONING DATE		
0	AWSDevNetwork	₽ Austria	Zipper Crunchit	zipper.io crunch.it.com	2024-04-26 01:42	:	· 🖉 🗊 🍐
0	BetaTesting	₽ India	Cloud9	cloudnine.com	2024-04-26 01:42	:	28
0	InnsbruckServer	DG EuropeWest-Offline	Sunshine	sunshine.net	2024-04-26 01:42	:	28
0	SecureMail	₽	Sparky	sparky.com	2024-04-26 01:42	:	28

5. The **Edit Connector** window opens. Edit the value you are interested in.



GENERAL	SERVERS		
Name *		AWSDevNetwork	
Description		AWS Dev Network	
Edge Service *		Austria 👻	

6. Click Save.

Remove an Existing Connector

- 1. Go to <u>https://se.barracudanetworks.com/</u> and log in with your existing Barracuda Cloud Control account.
- 2. Select the workspace you want to remove the existing enrolled Connector from.
- In the left menu, go to Infrastructure > Connectors.
 The Connector page opens. All Connectors enrolled in the selected workspace are displayed.
- 4. To remove an enrolled Connector, click on the trash can icon next to the enrolled Connector.

						T Add filter	Edit columns
STATUS	NAME	EDGE SERVICE	DESTINATIONS	HOSTNAMES	PROVISIONING DATE		
0	AWSDevNetwork	Austria	Zipper Crunchlt	zipper.io crunch.it.com	2024-04-26 01:42		: 🖉 🗑
0	BetaTesting	₽€ India	Cloud9	cloudnine.com	2024-04-26 01:42		: 🖌 🗊
0	InnsbruckServer	EuropeWest-Offline	Sunshine	sunshine.net	2024-04-26 01:42		: 🖌 📋
0	SecureMail	Nustria	Sparky	sparky.com	2024-04-26 01:42		:28

5. The **Delete Connector < Connector-Name>** page opens.

Delete Connector InnsbruckServer

Are you sure you want to delete this Connector?



6. Click **OK** to confirm.

(Optional) Download Windows/Linux Agent



To download the Windows or Linux agent, proceed with the following steps:

1. On the **Connectors** page, click the icon of three vertical dots.



2. As per your requirement, download the corresponding Windows or Linux agent.

Re-Entering the Enrollment Token on Windows

In Windows operating systems, the SD-WAN Connector application is located in the path **C:\Program Files\Barracuda\SD-WAN Connector**. When no configuration is available, the SD-WAN Connector service waits for a token; otherwise, you must restart the service to use a newly supplied token.

To re-enter new token in Windows:

- 1. Go to C > Program Files > Barracuda > SD-WAN Connector.
- 2. Click the application **bsdwcui**.

	Name	^	Date modified	Туре	Size		
s	e bsdwcsvc		5/3/2023 10:00 PM	Application	5,177 KB		
	🥏 bsdwcui		5/3/2023 10:00 PM	Application	262 KB		

3. The **Barracuda SD-WAN Connector Configuration** windows opens. Enter the token retrieved in Step 1.

Barracuda SD-WAN Connector Configurat		_		×	
Token: c00504524474412aab18f4b0bc	db820f8				
		OK		Cancel	



4. Click **OK**.

The new token gets enrolled after a restart of the SD-WAN Connector service.

To get more detailed information on the status of the SD-WAN Connector, open the **Event Viewer** of your Windows client. To view the logs, go to **Event Viewer** > **Windows Logs** > **Application**.

Event Viewer File Action View Help									
← ➡ 2 II 2 II	Application Number	af avante: 67 701 () Naw avante available							
 Custom Views Server Roles 	Keywords	Date and Time	Source	Event ID Task Category	^				
Administrative Events Vindows Logs	Classic Classic Classic	5/22/2023 11:30:56 AM 5/22/2023 11:30:52 AM	Barracuda SD-WAN Connector Barracuda SD-WAN Connector	1000 (1) 1000 (1)					
Application	Classic	5/22/2023 11:30:52 AM	Barracuda SD-WAN Connector Barracuda SD-WAN Connector	1000 (1)					
Setup	() Classic	5/22/2023 11:28:50 AM	Barracuda SD-WAN Connector	1000 (1)					
Forwarded Events	Classic Classic	5/22/2023 11:28:45 AM 5/22/2023 11:28:45 AM	Barracuda SD-WAN Connector Barracuda SD-WAN Connector	1000 (1)					
Subscriptions	Classic Classic	5/22/2023 11:28:45 AM 5/22/2023 11:27:06 AM	Barracuda SD-WAN Connector Barracuda SD-WAN Connector	1000 (1) 1000 (1)					
	Classic Classic Classic	5/22/2023 11:26:43 AM 5/22/2023 11:26:38 AM	Barracuda SD-WAN Connector Barracuda SD-WAN Connector	1000 (1) 1000 (1)					
	Classic	5/22/2023 11:26:38 AM	Barracuda SD-WAN Connector	1000 (1)	¥				
	Event 1000, Barracuda SD-WAN Connector								
	General Details								
	The description for Event ID 1000 from source Barracuda SD-WAN Connector cannot be found. Either the component that raises this event is not installed on your local computer or the installation corrupted. You can install or repair the component on the local computer. If the event originated on another computer, the display information had to be saved with the event.								
	The following inform	nation was included with the event:							
	[D]Waiting 120 seco	nds for next config update							

Further Information

For more information, see <u>How to Configure the Connector on Linux Client</u>.



Figures

- 1. settings_inf.png
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