

How to Configure the SecureEdge Connector

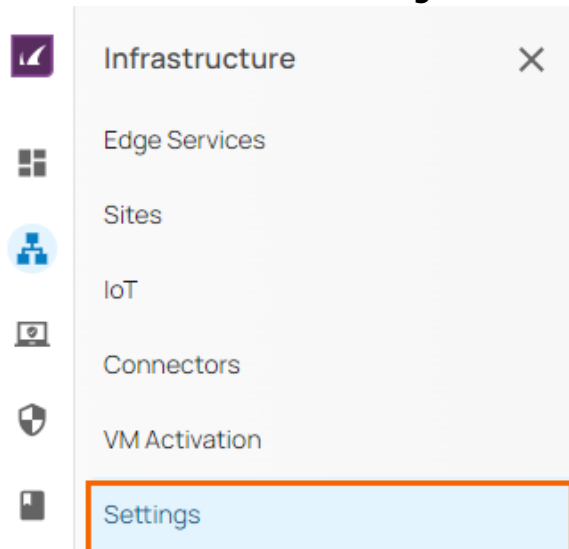
<https://campus.barracuda.com/doc/98225730/>

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 only 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

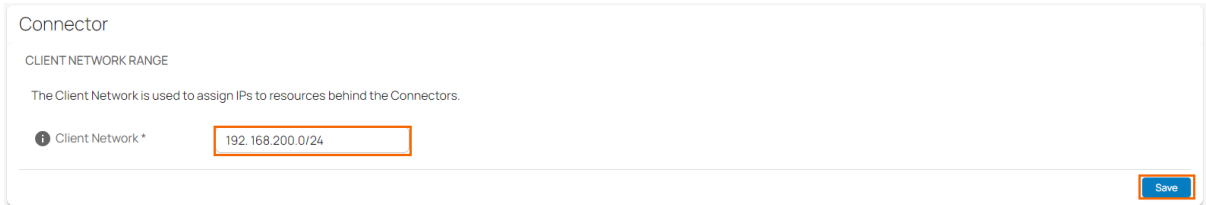
1. Go to <https://se.barracudanetworks.com> and log in with your existing Barracuda Cloud Control account.
2. Select the workspace your Connector should be assigned to.
3. Go to **Infrastructure > Settings**.



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.



Connector

CLIENT NETWORK RANGE

The Client Network is used to assign IPs to resources behind the Connectors.

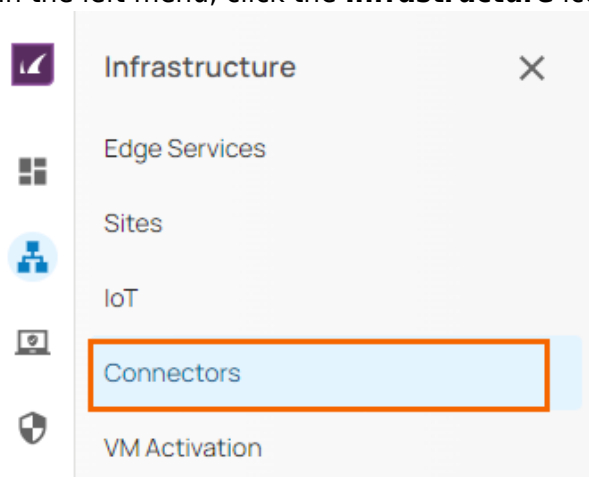
Client Network *

Save

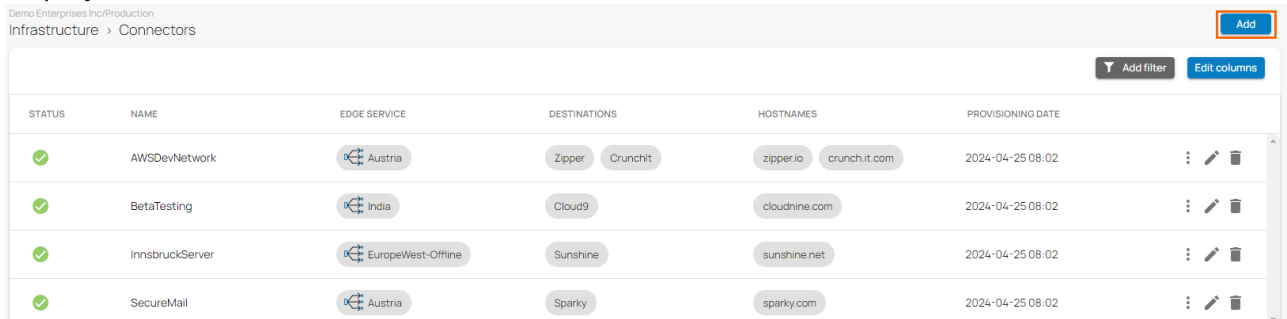
6. Click **Save**.

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**.



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



Demo Enterprises Inc/Production

Infrastructure > Connectors

Add

Add filter Edit columns

STATUS	NAME	EDGE SERVICE	DESTINATIONS	HOSTNAMES	PROVISIONING DATE	
✓	AWSDevNetwork	Austria	Zipper Crunchit	zipper.io crunch.it.com	2024-04-25 08:02	⋮ ✎ 🗑
✓	BetaTesting	India	Cloud9	cloudnine.com	2024-04-25 08:02	⋮ ✎ 🗑
✓	InnsbruckServer	EuropeWest-Offline	Sunshine	sunshine.net	2024-04-25 08:02	⋮ ✎ 🗑
✓	SecureMail	Austria	Sparky	sparky.com	2024-04-25 08:02	⋮ ✎ 🗑

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.

Add Connector ×

1 General 2 Servers 3 Summary 4 Complete

*Name ** CampusConnector

Description Connector to Campus

*Edge Service ** Australia


Next

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.

Add Connector ×

1 General 2 Servers 3 Summary 4 Complete

Servers **+** 

WebServer

*Servers ** WebServer

*Hostname ** webserver.mydomain.com

*Internal IP ** 127.0.0.1

Back **Next**

7. Click **Next**.

8. The **Summary** page opens. Review your settings and click **Save**.

Add Connector ×

1 General 2 Servers 3 Summary 4 Complete

Summary for Connector CampusConnector

Connector Name	CampusConnector
Service Name	WebServer
Hostname	webserver.mydomain.com

Back **Save**

The Connector status is now displayed.

9. Verify the status of the Connector and follow the instructions in the configuration window.
10. You can download and install the required connector for Windows and Linux. Click **Finish**.

Add Connector

✕



Connector "CampusConnector" created successfully

Follow the next steps below to start using it

Next Steps

- 1 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

[Finish](#)

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/Production
Infrastructure > Connectors

[Add](#)

[Add filter](#) [Edit columns](#)

STATUS	NAME	EDGE SERVICE	DESTINATIONS	HOSTNAMES	PROVISIONING DATE	
✓	AWSDevNetwork	Austria	Zipper Crunchit	zipper.io crunch.it.com	2024-04-26 01:42	
✓	BetaTesting	India	Cloud9	cloudnine.com	2024-04-26 01:42	
✓	InnsbruckServer	EuropeWest-Offline	Sunshine	sunshine.net	2024-04-26 01:42	
✓	SecureMail	Austria	Sparky	sparky.com	2024-04-26 01:42	

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

[Add filter](#)

PROVISIONING DATE

2023-05-02 10:22	
2023-05-02 10:16	
2023-04-28 13:17	
2023-04-27 11:02	

Generate Registration Token

Download the Windows agent

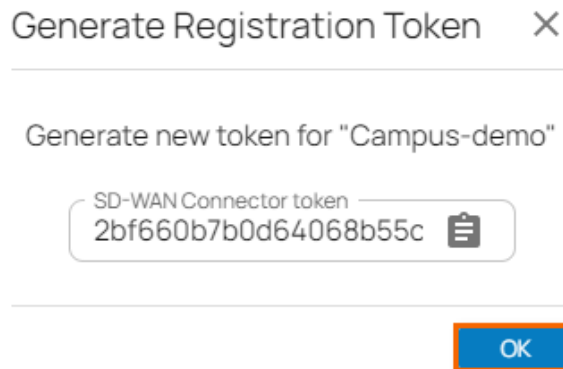
Download the Linux agent

- 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**.

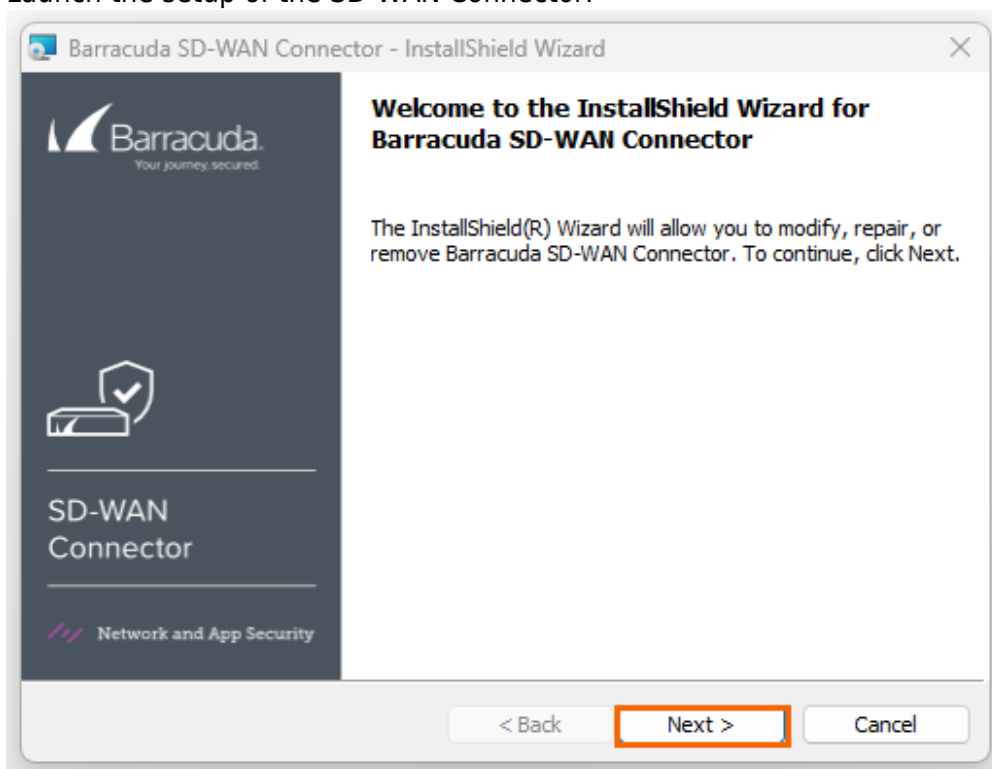
13. Click **Generate Registration Token**. The **Generate Registration Token** window opens. Copy the Connector token.



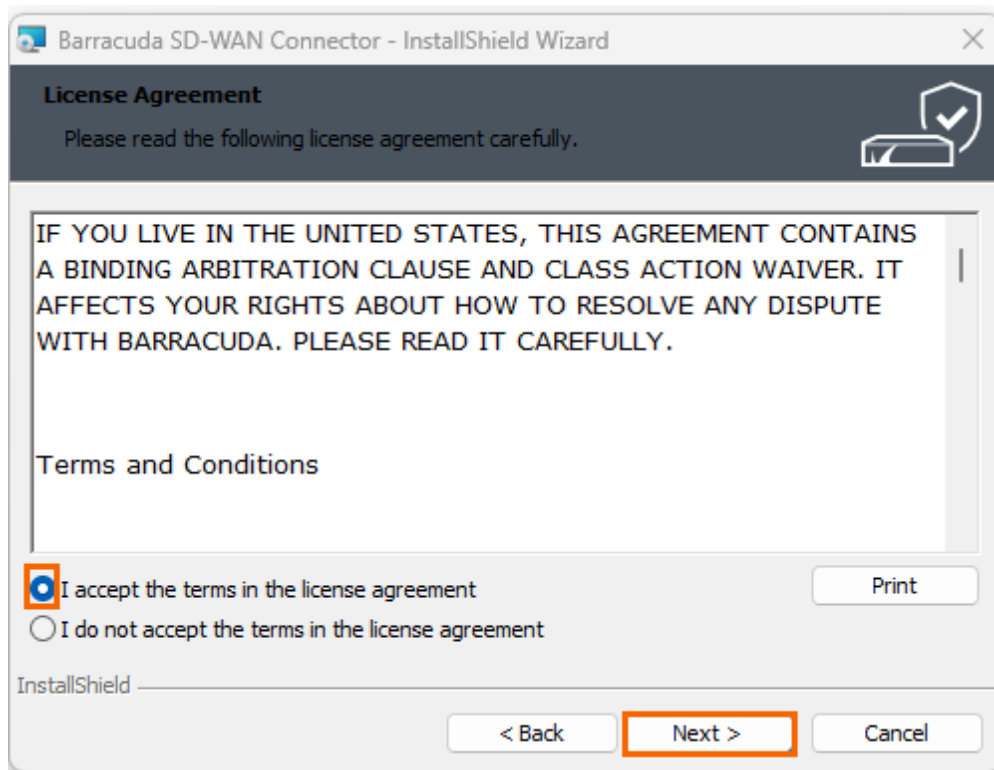
14. Paste the token into a text file.
15. Click **OK**.

Step 3. Install the Barracuda Connector

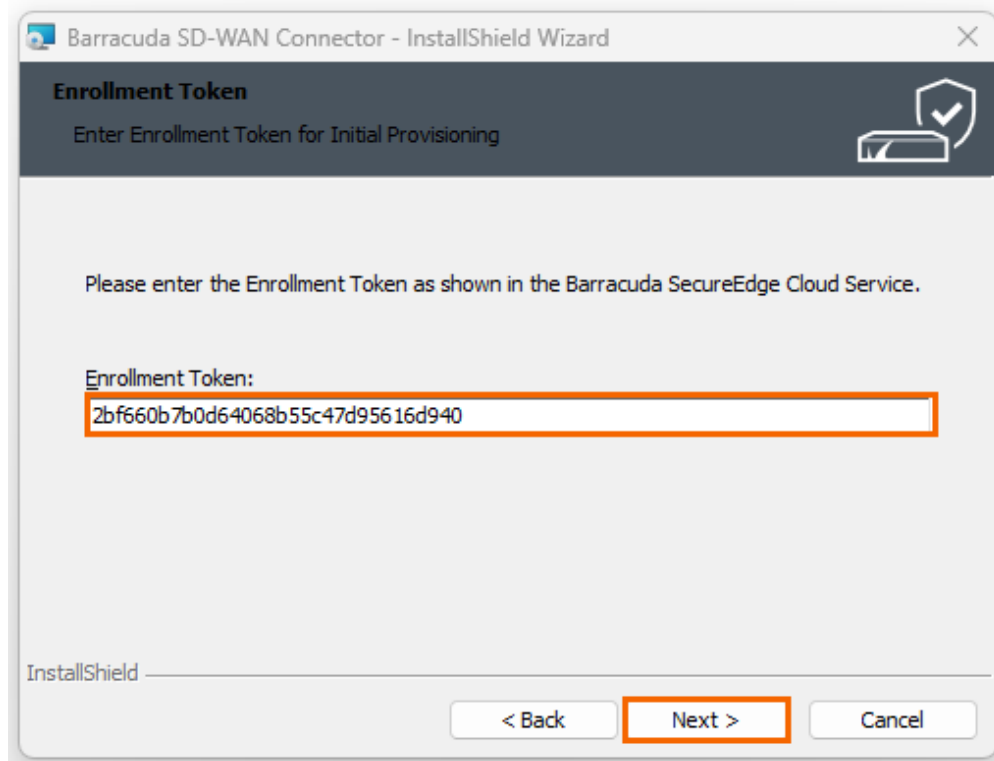
1. Launch the setup of the SD-WAN Connector.



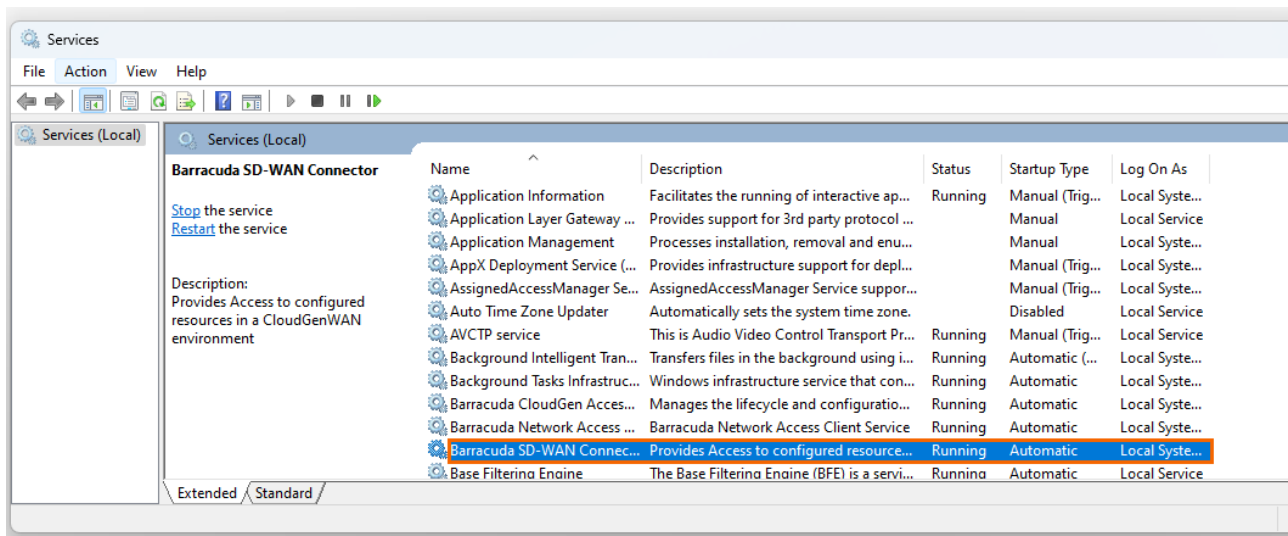
2. Accept the terms in the **License Agreement** window and click **Next**.



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



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.

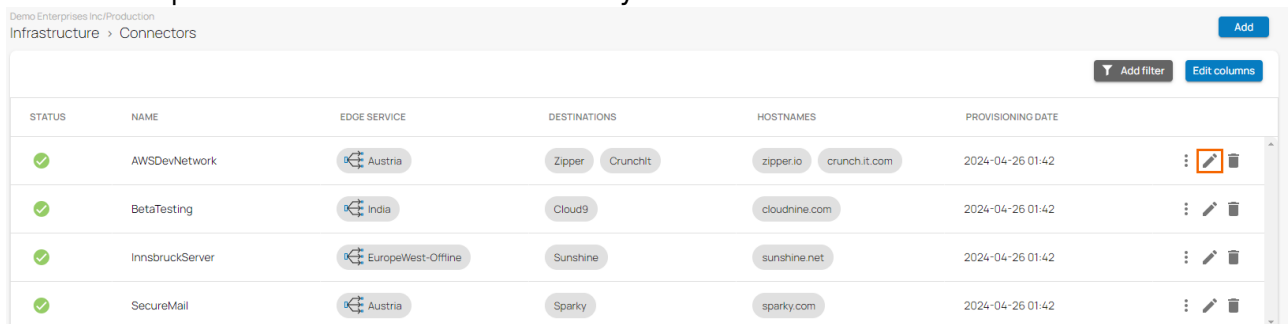


The exposed resources are accessible over the SecureEdge environment via the domain name you configured in the server configuration of the Connector in Step 1. The resources and services are now reachable via the Barracuda SecureEdge Agent for any client. The Barracuda SecureEdge Agent is a Zero Trust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

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.



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

Edit Connector ×

GENERAL **SERVERS**

Name *

Description

Edge Service *

Cancel **Save**

6. Click **Save**.

Remove 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 remove 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. To remove an enrolled Connector, click on the trash can icon next to the enrolled Connector.

Demo Enterprises Inc/Production
Infrastructure > Connectors

Add **Add filter** **Edit columns**

STATUS	NAME	EDGE SERVICE	DESTINATIONS	HOSTNAMES	PROVISIONING DATE	
✓	AWSDevNetwork	Austria	Zipper Crunchit	zipper.io crunch.it.com	2024-04-26 01:42	⋮ ✎ 🗑
✓	BetaTesting	India	Cloud9	cloudnine.com	2024-04-26 01:42	⋮ ✎ 🗑
✓	InnsbruckServer	EuropeWest-Offline	Sunshine	sunshine.net	2024-04-26 01:42	⋮ ✎ 🗑
✓	SecureMail	Austria	Sparky	sparky.com	2024-04-26 01:42	⋮ ✎ 🗑

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

Delete Connector InnsbruckServer

Are you sure you want to delete this Connector?

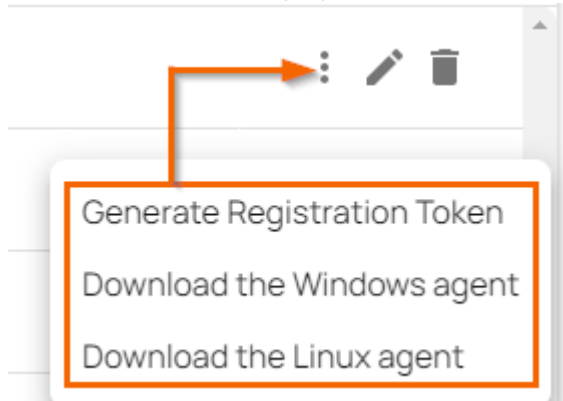
Cancel **Ok**

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.



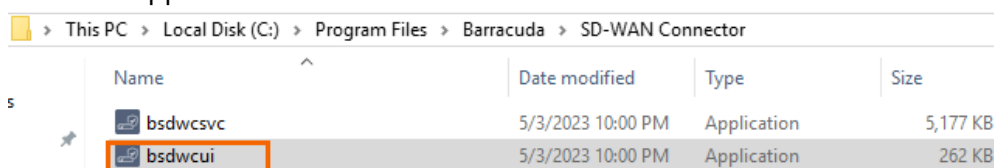
2. As per your requirement, download the corresponding Windows or Linux agent.

Re-Entering the Enrollment Token on Windows

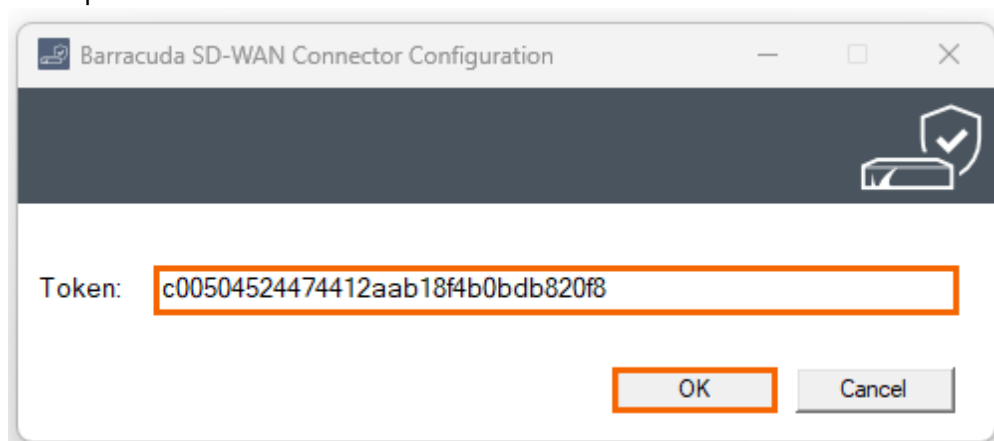
In Windows operating systems, the SD-WAN Connector application is located in the path **C:\Program Files\Barracuda\SD-WAN Connector**. When no configuration is available, the SD-WAN Connector service waits for a token; otherwise, you must restart the service to use a newly supplied token.

To re-enter new token in Windows:

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



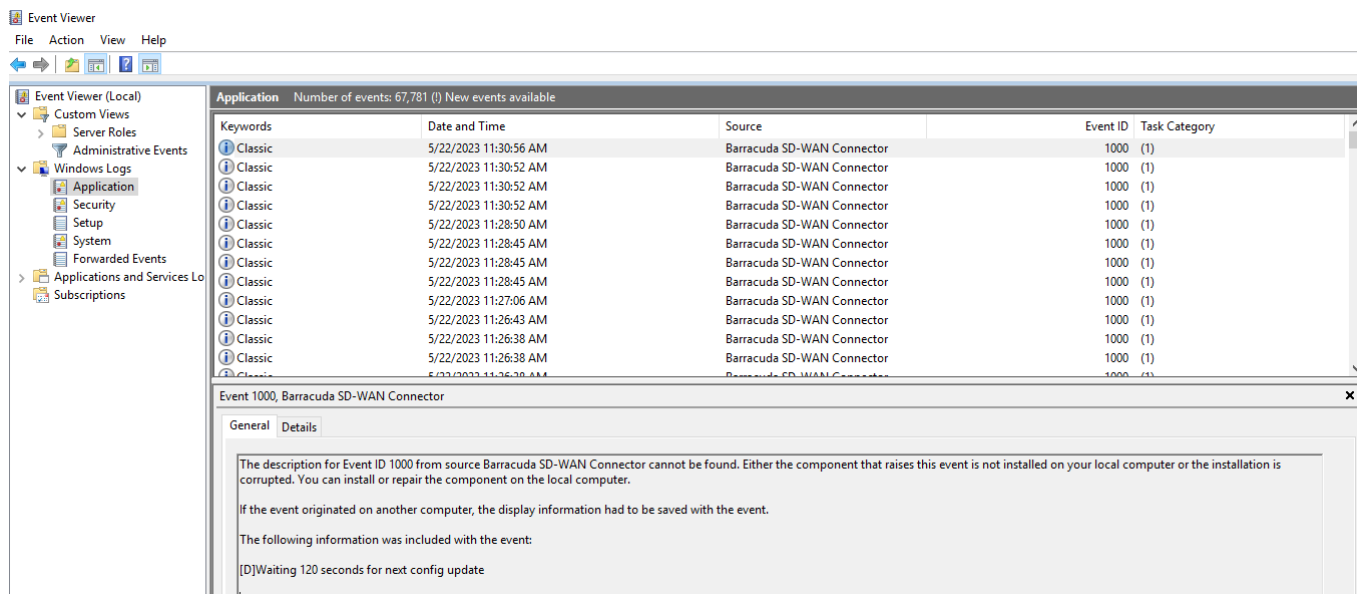
3. The **Barracuda SD-WAN Connector Configuration** windows opens. Enter the token retrieved in Step 1.



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**.



Further Information

For more information, see [How to Configure the Connector on Linux Client](#).

Figures

1. settings_inf.png
2. connectors.png
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4. connector_add.png
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6. connector_servers.png
7. connector_summary.png
8. connector_finish.png
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12. sd-wan-connector-install.png
13. lic-agreement.png
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