

Install the Lenel Connector

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As part of the connector configuration process, you will need to log into Connect and register the connector to obtain a connector ID. As such, ensure you have login credentials for a Dispatch user account that's authorized to access Connect prior to completing the steps below. See the [Dispatch Administrator's Guide](#) for more information on creating user accounts.



For hosted customers, the server hosting the connector must have a firewall rule enabled to allow outbound communication to Resolver's hosted environment.



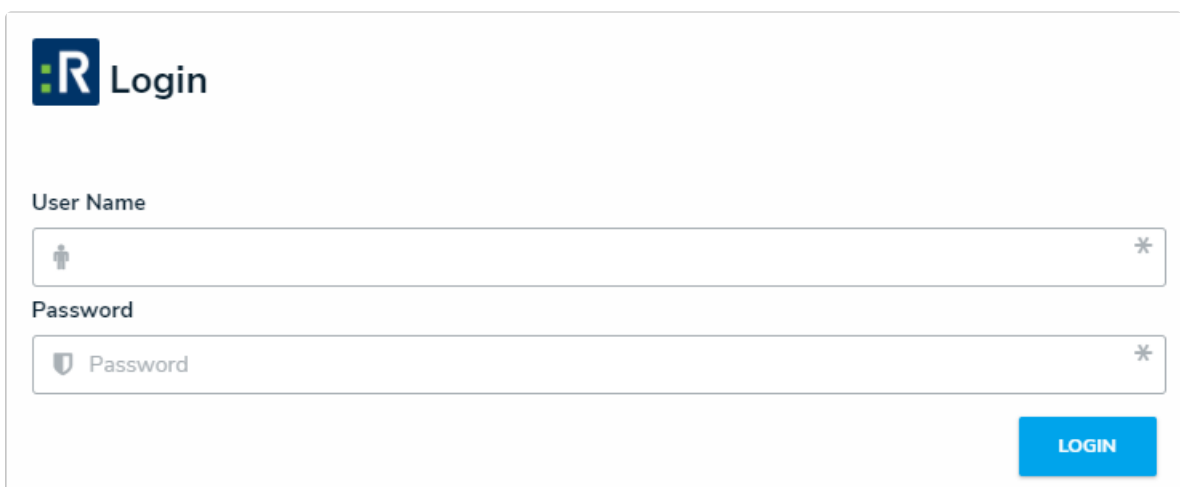
Resolver recommends installing the connector on the Lenel source server where possible. If outbound connections from that server are not possible, the connector will require a standalone server.



Before installing the connector, ensure that your computer meets the [System Requirements](#).

To install the Lenel connector:

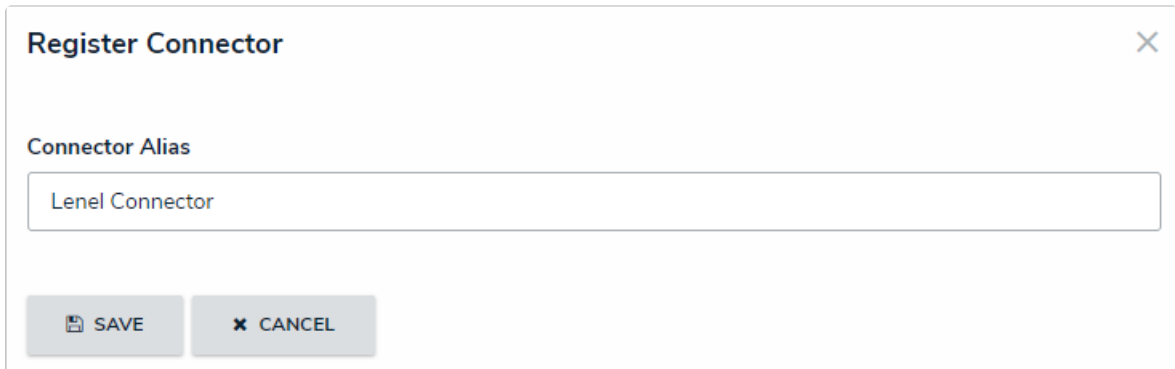
1. Double-click the **Connect Setup** folder in the Perspective download package.
2. Double-click the **Connector-Lenel.exe** file to open the InstallShield Wizard.
3. Follow the steps in the wizard until the installation is complete.
4. Using Google Chrome, navigate to *https://session*.
5. Enter your Dispatch user name and password in the **User Name** and **Password** fields.



The Connect login screen.

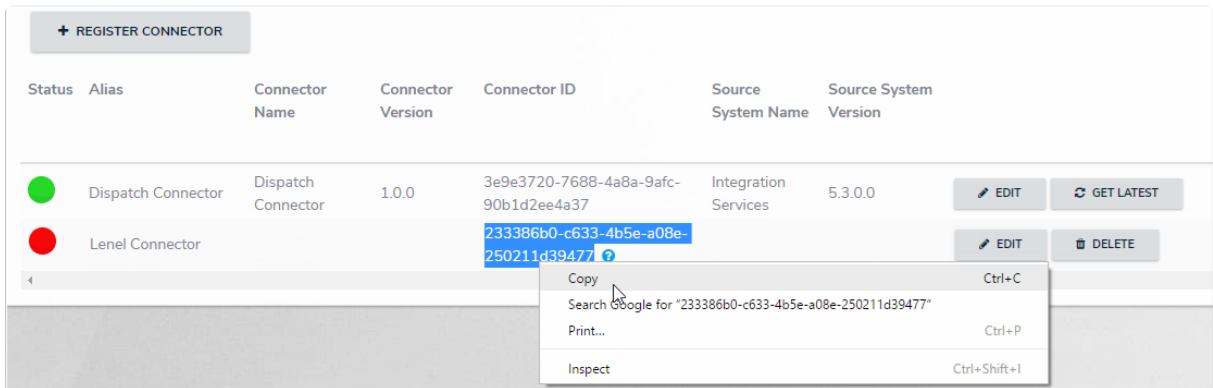
6. Click **Login** to display the **Connectors** page.

- Click Register Connector.
- Enter a name for the connector in the Connector Alias field, then click Save.



The Register Connector screen.

- Highlight the code in the Connector ID column beside the new connector, right-click it, then select Copy to copy the code to your clipboard.



Status	Alias	Connector Name	Connector Version	Connector ID	Source System Name	Source System Version	
●	Dispatch Connector	Dispatch Connector	1.0.0	3e9e3720-7688-4a8a-9afc-90b1d2ee4a37	Integration Services	5.3.0.0	EDIT GET LATEST
●	Lenel Connector			233386b0-c633-4b5e-a08e-250211d39477			EDIT DELETE

Copying the Connector ID to the clipboard.

- Navigate to the location where the connector was installed. By default, it can be found at `C:\Program Files\Resolver Inc.\Connect\Connector Lenel`.

- Right-click the `appsettings.json` file, then select **Open with** to open the file with Notepad.

- Paste the Connector ID obtained from step 9 between the quotation marks after "ConnectorID":

```
{  
  "Connector": {  
    "ConnectorID": "233386b0-c633-44b5e-a08e-250211d39477",  
    "InstanceID": "1"  
  },  
}
```

Pasting the Lenel Connector ID in the `appsettings.json` file.



Ensure your changes match the settings configured in the `Connect appsettings.json` file and are entered within the quotation marks after the semi-colon for each setting (e.g. "VirtualHost": "00.00").

- Make edits to the remainder of the settings in the file:

1. QueueClient:

- i. **VirtualHost:** Enter the name of the RabbitMQ Virtual host name.
- ii. **HostName:** Enter the host name of the server where RabbitMQ is installed.
- iii. **UserName:** Enter the username of the RabbitMQ user that has full access to the RabbitMQ virtual host instance.
- iv. **Password:** Enter the password of the RabbitMQ user.

2. Logging (optional):

- i. **LogLevel:** Enter one of the following log levels for **Default**, **System**, and **Microsoft** (note that if no values are entered for **System** and/or **Microsoft**, the values entered for **Default** will be applied):
 - **Debug:** The highest log value. This value is often used by developers and for troubleshooting.
 - **Information:** Useful to support staff by providing context to errors.
 - **Error:** Displays critical error logs.

3. Application Insights (optional):

- i. **Instrumentation Key:** Enter the Azure ID to output the logs. This optional configuration allows you to include a monitoring tool for the Connect and connectors.

14. Click **File** > **Save** to save your changes, then close the file.



If you need to create another instance of the connector, make a copy of the **appsettings.json** file and change the **InstanceID** to 2. If additional connectors are required, continue making copies of the file and changing the **InstanceID** to next sequential number (3, 4, 5, etc.).

15. Return to Connect and log back in if necessary.

16. From the **Connectors** page, click **Edit** beside the new connector to open the **Edit Connector** screen.

17. If necessary, edit the connector name in the **Connector Alias** field. The remainder of the fields in the **Details** tab display additional connector information and are read only.

Edit Connector

Details Settings

Connector Alias

Lenel Connector

Connector Name

Lenel OnGuard Connector

Connector Version

1.0.0

Source System Name

Lenel OnGuard

Source System Version

7.1.481

SAVE CANCEL

The Details tab of the Edit Connector screen.

18. Click the **Settings** tab.
19. Enter the name of the computer with ConduIT and OnGuard installed on it in the **WMI Server** field.
20. Enter the username of the user who has access to the Lenel server and WMI rights enabled in the **Username** field.
21. Enter the password of the user in the **Password** field.
22. Enter either **true** or **false** in the **Use Process Identity** field. If **true** is entered, Lenel will use the credentials of the current identity running on the process. If **false** is entered, Lenel will use the credentials specified in the **Username** and **Password** fields.
23. Enter a name for the system in the **WMI Name Space** field.

Edit Connector [X]

WMI Server
lenel

Username
administrator

Password
••••••

Use Process Identity [SHOW PASSWORD](#)
true

WMI Name Space
root/onguard

[SAVE] [CANCEL]

The Settings Tab of the Edit Connector screen. The required information for these fields can be obtained from the source (Lenel) system.

24. Click **Save** to close the screen.
25. Refresh the browser. The circle in the **Status** column beside the new Lenel connector should be **green** to indicate the connector is currently running and should now display a **Get Latest** button. If the circle is **yellow**, it means the connector is running, but there are errors in the settings. If the circle is **red**, it means the connector is not running.
26. Click **Get Latest** to generate a list of devices and event types from the Lenel system in Connect.



For information on generating, registering, or editing devices or creating rules, see the [Connect User's Guide](#).