

## **Description:**

IKLab Waze Middleware is a command-line tool designed to manage software resources, including Licenses, Clients, Locations, Georeferences, Devices, Thirdparty Platform Servers, Wazers, Operating System Services, Environment Variables, and Languages.

## **List of all available commands:**

- **help**: Show this help.
- **platform-info**: Show all information about current platform, application, webserver and others.
- **compile-app**: Compile the application source code. Superuser credentials will be required. CLI must be run with elevated privileges.

### **Parameters:**

1. **username**: CLI username to execute this command.
2. **password**: CLI password to execute this command.
3. **update\_owner**: Update the owners of the compiled files. \* For Linux platforms only.
4. **user\_owner**: User owner for the compiled files. \* For Linux platforms only.
5. **group\_owner**: Group owner for the compiled files. \* For Linux platforms only.

- **load-db-schemas**: Load the database schemas for an IKLab product. CLI must be run with elevated privileges.

### **Parameters:**

1. **username**: CLI username to execute this command.
2. **password**: CLI password to execute this command.

- **load-superuser-credentials**: Load superuser credentials for an IKLab product. CLI must be run with elevated privileges.

### **Parameters:**

1. **username**: CLI username to execute this command.
2. **password**: CLI password to execute this command.

- **update-superuser-credentials**: Update superuser credentials for an IKLab product. CLI must be run with elevated privileges.

### **Parameters:**

1. **username**: CLI username to execute this command.
  2. **password**: CLI password to execute this command.
- **load-app-langs**: Load application languages for an IKLab product.
  - **change-app-lang**: Change application languages for an IKLab product.

**Parameters:**

1. **lang**: Language code to change.

choices[English, Spanish, Italian]

- **apply-app-license**: Apply a valid license (New or Upgrade) for IKLab product. CLI must be run with elevated privileges.

**Parameters:**

1. **file**: Absolute path to the license file .lic.

- **generate-license-req**: Generates a .req file for the application license. CLI must be run with elevated privileges.

- **request-license-upgrade**: Request a license upgrade for the application. CLI must be run with elevated privileges.

- **display-license-info**: Display Client license information currently loaded in the application.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.

- **display-license-req**: Display the latest .req files generated in this session.

- **display-import-files**: Display the latest import files processed in this session.

- **add-location**: Add a Location type resource to an existing client in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.

2. **location\_id**: Location ID. It must be unique.

3. **location\_name**: Name to assign to the Location resource to added.

4. **timezone**: Timezone for the Location resource to added.

5. **address**: Physical address for the Location resource to added. \* Optional.

- **edit-location**: Edit a Location type resource in an existing client in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.

2. **location\_id**: Location ID. Must be registered in the IKLab app.

- **remove-location**: Remove a Location type resource from an existing client in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.

2. **location\_id**: Location ID. Must be registered in the IKLab app.

- **search-location**: Search, display information and manage a Location resource existing in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.

- **list-locations:** List all Location type resources for an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.

- **add-georeference:** Add a Geolocation Reference type resource to an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.
2. **location\_id:** Location ID. Must be registered in the IKLab app.
3. **geo\_name:** Name to assign to the Geolocation Reference to added.
4. **geo\_lat:** Latitude for the Geolocation Reference to added.
5. **geo\_lon:** Longitude for the Geolocation Reference to added.

- **edit-georeference:** Edit a Geolocation Reference type resource in an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.
2. **location\_id:** Location ID. Must be registered in the IKLab app.

- **remove-georeference:** Remove a Geolocation Reference type resource from an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.
2. **location\_id:** Location ID. Must be registered in the IKLab app.

- **search-georeference:** Search, display information and manage a Geolocation Reference resource existing in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.
2. **location\_id:** Location ID. Must be registered in the IKLab app.

- **list-georeferences:** List all Geolocation Reference type resources for an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.
2. **location\_id:** Location ID. Must be registered in the IKLab app.

- **import-georeferences:** Import Geolocation Reference type resources for an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.
2. **location\_id:** Location ID. Must be registered in the IKLab app.

3. **file:** Absolute path to the import file (.xlsx, .json, .csv).

- **add-device:** Add a Device type resource to an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.

2. **location\_id:** Location ID. Must be registered in the IKLab app.

3. **device\_id:** Unique identifier for the device. Ex: Mac Address, Serial, etc.

4. **device\_name:** Name to assign to the Device to added.

5. **settings:** Settings for the device to add. \* Optional.

6. **others:** Other information for the device to add. \* Optional.

- **edit-device:** Edit a Device type resource in an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.

2. **location\_id:** Location ID. Must be registered in the IKLab app.

- **remove-device:** Remove a Device type resource from an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.

2. **location\_id:** Location ID. Must be registered in the IKLab app.

- **search-device:** Search, display information and manage a Device resource existing in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.

2. **location\_id:** Location ID. Must be registered in the IKLab app.

- **list-devices:** List all Device type resources for an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.

2. **location\_id:** Location ID. Must be registered in the IKLab app.

- **add-thirdparty:** Add a Thirdparty Server type resource to an existing client in the IKLab product.

**Parameters:**

1. **client\_id:** Client ID. Must be registered in the IKLab app.

2. **server\_id:** Server ID. It must be unique.

3. **server\_name:** Server Name to assign to the ThirdParty resource to added.

4. **platform:** Platform to assign to the ThirdParty resource to added.

**choices**[GENETEC, VIVOTEK, IKLAB]

- **edit-thirdparty**: Edit a Thirdparty Server type resource in an existing client in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.
2. **server\_id**: Server ID. Must be registered in the IKLab app.

- **remove-thirdparty**: Remove a Thirdparty Server type resource from an existing client in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.
2. **server\_id**: Server ID. Must be registered in the IKLab app.

- **search-thirdparty**: Search, display information and manage a Thirdparty Server resource existing in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.

- **list-thirdparties**: List all Thirdparty Server type resources for an existing client in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.

- **add-wazer**: Add a Wazer type resource to the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.
2. **location\_id**: Location ID. Must be registered in the IKLab app.

- **edit-wazer**: Edit a Wazer type resource in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.
2. **location\_id**: Location ID. Must be registered in the IKLab app.
3. **partner\_id**: Partner ID for the wazer to add. This data is provided from the Waze - Partner Hub platform.
4. **unique\_token**: Unique token of the polygon for the wazer to add. This data is provided from the Waze - Partner Hub platform.
5. **worker\_name**: Worker name for the wazer to add.
6. **others**: Other information for the wazer to add (Update time, Distance and Reliability threshold, Enable Renotify and Renotify time).

- **remove-wazer**: Remove a Wazer type resource from the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.

2. **location\_id**: Location ID. Must be registered in the IKLab app.

- **search-wazer**: Search, display information and manage a Wazer resource existing in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.

2. **location\_id**: Location ID. Must be registered in the IKLab app.

- **list-wazers**: List all Wazer type resources for an existing client in the IKLab product.

**Parameters:**

1. **client\_id**: Client ID. Must be registered in the IKLab app.

2. **location\_id**: Location ID. Must be registered in the IKLab app.

- **add-os-credential**: Add Operating System Credentials. Superuser credentials will be required. CLI must be run with elevated privileges. \* For Linux platforms only.

- **update-os-credential**: Update Operating System Credentials. Superuser credentials will be required. CLI must be run with elevated privileges. \* For Linux platforms only.

- **add-db-credential**: Add Database Credentials. Superuser credentials will be required. CLI must be run with elevated privileges. \* For MYSQL/POSTGRESQL/MSSS/ORACLE engines.

- **update-db-credential**: Update Database Credentials. Superuser credentials will be required. CLI must be run with elevated privileges. \* For MYSQL/POSTGRESQL/MSSS/ORACLE engines.

- **install-manager-service**: Install the IKLab Manager service. CLI must be run with elevated privileges.

- **uninstall-manager-service**: Uninstall the IKLab Manager service. CLI must be run with elevated privileges.

- **update-manager-service**: Update the IKLab Manager service. CLI must be run with elevated privileges.

- **start-manager-service**: Start the IKLab Manager service. CLI must be run with elevated privileges.

- **stop-manager-service**: Stop the IKLab Manager service. CLI must be run with elevated privileges.

- **status-manager-service**: Check the status of the IKLab Manager service. CLI must be run with elevated privileges.

- **sign-password**: Sign a custom password to be used in the IKLab product.

- **encrypt-password**: Encrypt a custom password to log in to an IKLab product.