

# Install Velocity Web Service

## Requirements

- **Velocity Operator User:** This is required for the IIS application pool.
- **Velocity REST API Software:** Ensure you have the necessary software for the REST API.
- **Velocity REST API User Creation Tool:** This tool is needed to create users for the REST API.
- **Velocity License:** A valid Velocity license is required.
  - SDK2 or RestfulVelocitySDK (SEN 165034): Ensure you have either SDK2 or RestfulVelocitySDK with the specified version.

## Installation

- **Download the Velocity REST API Service Pack:**
  - Obtain the software pack by contacting Identiv IGS or your SADEVIO account manager.
- **Unzip the Directory:**
  - Extract the contents of the service pack to your desired location.

[Screenshot 2024-06-27 at 11.36.00 AM.png](#)

- **Open IIS Manager:**
  - Launch the Internet Information Services (IIS) Manager.
- **Add a New Website:**
  - In the left-hand Connections pane, right-click on "Sites" and select "Add Website..."

[Screenshot 2024-06-27 at 11.38.24 AM.png](#)

- **Site Name:** Enter a name for your site, e.g., .
- **Physical Path:** Select the directory where you have unpacked the Velocity REST API software.
- **TCP Port:** Set your dedicated TCP port, e.g., .

[Screenshot 2024-06-27 at 11.39.22 AM.png](#)

### Configure the Application Pool:

- **Windows Account:** Ensure the service uses a Windows account that is a Velocity operator with administrative permissions to add/update persons in Velocity.

- **Select the Application Pool:**
  - In the left-hand Connections pane, click on "Application Pools."
  - Select your REST API application pool from the list.
- **Open Advanced Settings:**
  - In the right-hand Actions pane, click on "Advanced Settings."

[Screenshot 2024-06-27 at 11.43.31 AM.png](#)

- In the "Advanced Settings" window, locate the "Identity" option.
- Enter the credentials for your Velocity user.

[Screenshot 2024-06-27 at 11.44.40 AM.png](#)

#### 8. **Restart the Website:**

- After setting the user, restart the website context of the REST API.

#### 9. **Verify the Installation:**

- Open a web browser and navigate to the check license endpoint to verify the installation:
  - `http://localhost:8088/Api/CheckLicense`
- Ensure everything is functioning correctly.

[Screenshot 2024-06-27 at 11.47.46 AM.png](#)

## IIS configuration

- **Access Advanced Settings:**
  - Navigate to your application pool and select "Advanced Settings."
- **Enable 32-Bit Applications:**
  - Set the "Enable 32-Bit Applications" option to  True.

[Screenshot 2024-06-27 at 11.49.51 AM.png](#)

#### **Configure Idle Time-out:**

- Set the "Idle Time-out (minutes)" option to .

[Screenshot 2024-06-27 at 11.51.15 AM.png](#)

## Generate Velocity REST API Password

- **Generate Password:**
  - Use the Velocity configuration tool to generate a password for the API.
  - Enter the desired password in both text fields.

- **Configure Password:**

- **For Cloud Connector:**

- Configure the generated password in the `appsettings.json` file.

- **For On-Premise System:**

- Configure the generated password in the access system configuration.

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