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.

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- **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..."

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- **Site Name**: Enter a name for your site, e.g., `velocityrestapi`.
- **Physical Path**: Select the directory where you have unpacked the Velocity REST API software.
- **TCP Port**: Set your dedicated TCP port, e.g., `8088`.

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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."

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

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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.

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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`.

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Configure Idle Time-out:

- Set the "Idle Time-out (minutes)" option to `0`.

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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.

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- **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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