

# Informatica Cloud Application Integration

## Timestamp Connector

### September 2018

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#### Copyright:

Please refer the copyright notice [here](#).

#### Overview:

Generating unique IDs is a common require in API development. The Timestamp Connector package enables Informatica Intelligent Cloud Services (IICS) developers to easily create and use unique identifiers derived from Unix timestamps in their Cloud Application Integration (CAI) projects.

#### Prerequisites:

- Appropriate role/permissions on Informatica Intelligent Cloud Service to perform an IMPORT operation

#### Use Case: Generate a unique ID for use as a record identifier or locator

The Timestamp connector is a very simple connector. It requires no inputs and generates a 10-digit integer based on the time the connector is invoked.

The output of this would typically be used as input to any service or process that requires a unique identifier or key.

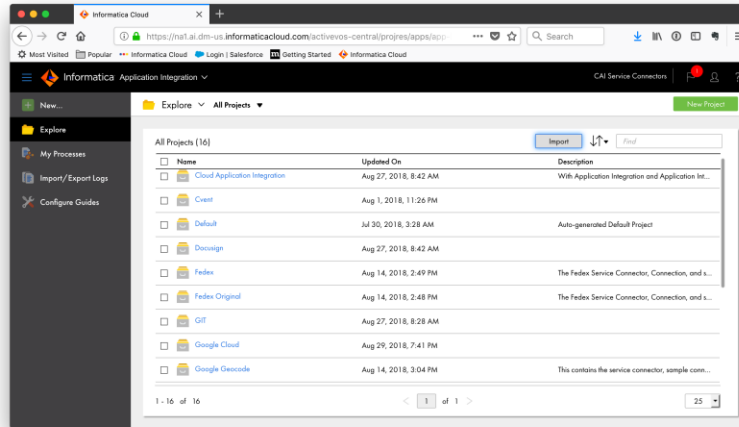
## Quick Setup

1. Download the [TimestampConnectorPackage-0918.zip](#) from [Informatica CAI GitHub Repository](#).
2. Import the package into your CAI workspace
3. This creates a project named "Timestamp" with three assets.
  - a. "Unix Timestamp API" Connector
  - b. "Unix-Timestamp-API-actions" Connection
  - c. "Generate an ID from unix Timestamp" Process
4. Save and publish the "Unix Timestamp API" Service Connector
5. Publish the Unix-Timestamp-API-actions Connection
6. Publish the "Generate an ID from unix Timestamp " Process
7. Test the process in your REST tool of choice (Postman, Insomnia, RESTed, etc.)
  - a. Define a GET operation
  - b. Use the Service Address from the "Generate an ID from unix Timestamp" properties as the request URL in your test tool
  - c. Invoke the operation
  - d. Receive a response that looks like this:

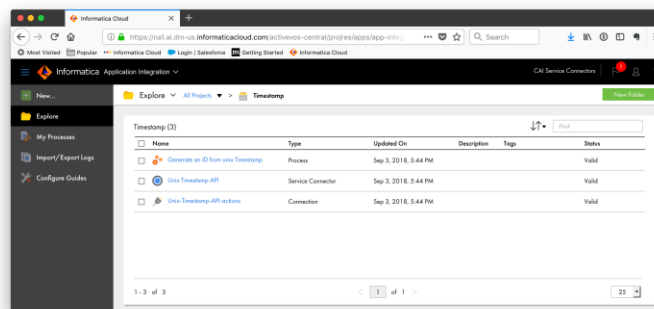
```
{  
  "Timestamp Output": 1234567890,  
}
```

## Detailed Setup

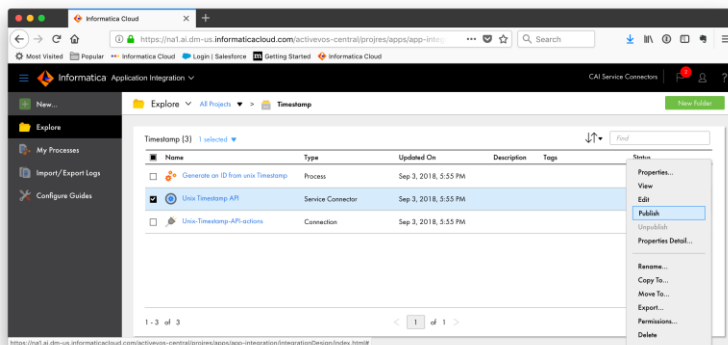
1. Download the [TimestampConnectorPackage-0918.zip](#) from [Informatica CAI GitHub Repository](#).
2. Import the package into your CAI workspace



3. This creates a project named "Timestamp" with three assets.
  - a. "Unix Timestamp API" Connector
  - b. "Unix-Timestamp-API-actions" Connection
  - c. "Generate an ID from unix Timestamp" Process

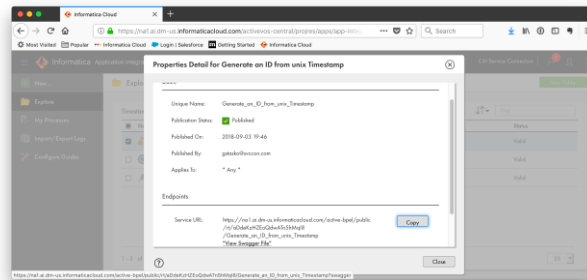


4. Save and publish the Service Connector

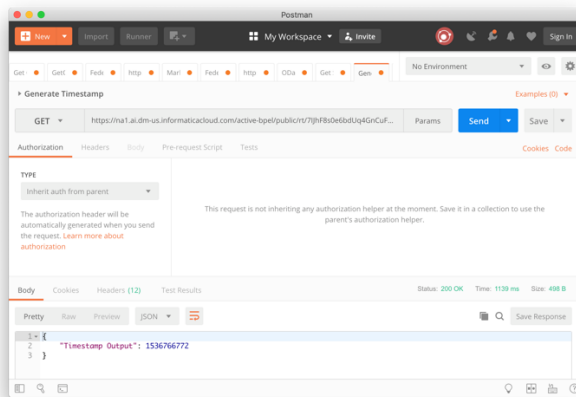
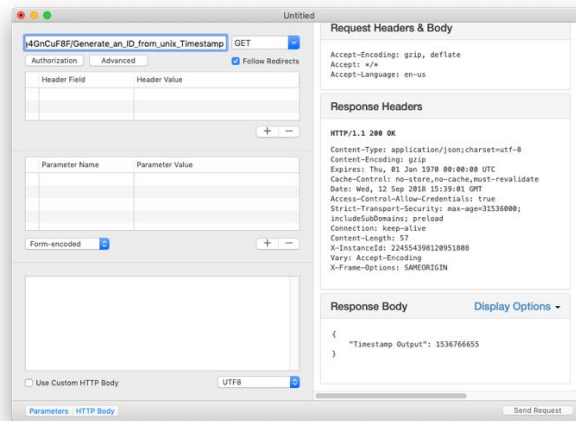


5. Publish the Unix-Timestamp-API-actions Connection
6. Publish the "Generate an ID from unix Timestamp" Process

7. Test the process in your REST tool of choice (Postman, Insomnia, RESTed, etc.)
  - a. Define a GET operation
  - b. Use the Service Address from the "Generate an ID from unix Timestamp" properties as the request URL in your test tool



- c. Invoke the operation



- d. Receive a response that looks like this:
- ```
{  
  \"Timestamp Output\": 1234567890  
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