

# SAGTours Demo

Installation and Configuration Guide

Version 10.5

October 2019

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This document applies to SAGTours Demo 10.5 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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## 1 Introduction

The SAGTours demo provides an end-to-end scenario using webMethods API Portal, CentraSite, and webMethods Mediator or API Gateway. Use the following installation and configuration instructions to configure different products and then install the SAGTours demo in these products.

These instructions assume that API Portal, CentraSite, and Mediator or API Gateway have been installed using the Software AG Installer, but the communication paths between the products have not yet been configured.

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**Note:** SAGTours demo uses a *technical user* for communications between the different components. It is considered a best practice not to tie critical actions (like publishing of data or APIs) to a real user whose credentials can expire. Hence, the instructions introduce a technical user called **SAG-Tours** to the products.

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### 1.1 Step 1: Install and Configure SAGTours Demo in webMethods API Portal

To install and configure SAGTours demo for webMethods API Portal, follow the outlined procedure:

1. Start the **API Portal Cloud Controller** on the machine where API Portal is installed.
  - On a Windows system, click **Start > All Programs > Software AG > Administration > API Portal Cloud Controller 10.5**
  - On a Linux system, run the script `<installdir>/API_Portal/server/acc/acc.sh -h localhost -p 18011 -u Clous -pwd g3h31m`
2. Start all API Portal server components (runnables).
  - On a Windows system, click **Start > All Programs > Software AG > Start Server > Start API Portal 10.5**
  - On a Linux system, run the script `<installdir>/API_Portal/server/start_api.sh`
3. After the **Start API Portal 10.5** window is closed, ensure all runnables are started by executing the `list` command in **ACC** console.
  - On a Windows system, click **Start > All Programs > Software AG > Administration > API Portal Cloud Controller 10.5**
  - On a Linux system, run the script `<installdir>/API_Portal/server/acc/acc.sh -h localhost -p 18011 -u Clous -pwd g3h31m`

Make sure all runnables are in the **STARTED** status, as shown in the following figure, before you continue with the rest of the instructions.

```

API Portal Cloud Controller 10.5
ACC+ localhost>list
Node localhost - 7 installed runnables.
ID           State      Version   Type
zoo_s        STARTED   10.0.10.0 com.aris.runnables.zookeeper-run-prod
postgres_s   STARTED   10.0.10.0 com.aris.runnables.PostgreSQL-run-prod
cloudsearch_s STARTED   10.0.10.0 com.aris.cip.y-cloudsearch-run-prod
elastic_s    STARTED   10.0.10.0 com.aris.runnables.elasticsearch-run-prod
kibana_s     STARTED   10.0.10.0 com.aris.runnables.kibana-run-prod
apiportalbundle_s STARTED   10.0.10.0 com.aris.bundles.apiportalbundle-run-prod
loadbalancer_s STARTED   10.0.10.0 com.aris.runnables.httpd.httpd-run-prod

ACC+ localhost>

```

It may take a few minutes for all runnables to start. If one or more runnables do not start, see the *webMethods API-Portal Administrator's Guide* for information about working with the runnables.

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**Note:** Make sure that your firewall allows access to the API Portal httpd application.

---

4. Create a technical user **SAGTours** as follows:
  - a. Open a web browser and type the URL of API-Portal: <http://api-portal:18101/umc> (You can change the name of the machine as appropriate.)
  - b. Log on using the following credentials:
    - User ID - **system**
    - Password - **manager**
  - c. Click the **Add user** icon  in the top-right corner.
  - d. In the **Create User** page, provide the following information:
    - User name:** SAGTours
    - First name:** Technical User
    - Last name:** SAGTours
    - Description:** CentraSite will publish all APIs using this user.
    - Email address:** [sagtours@sagtours.com](mailto:sagtours@sagtours.com)
    - Specify password:** Select the check box to display the **Password** textbox.
    - Password:** manage
    - Confirm Password:** Re-type the password you specified in the above **Password** textbox.

You may select a different password. However, as you create the same user account on Mediator and CentraSite, Software AG recommends that you use the same password everywhere.

User Management    User management 

← Back Create user

---

User name \*

First name \*

Last name \*

Description

E-mail address

Telephone number

Language for notifications

Specify password

Password \*

Confirm password \*

e. Click **Save**.

5. Assign the **SAGTours** user to the **API Provider** group as follows:

a. Select the **Associated user groups** tab.

User Management    User management 

← Back **sagtours - User**

---

**Details** **Associated user groups** Privileges Attributes Active sessions History

---

User name

First name

Last name

Description

E-mail address [sagtours@sagtours.com](mailto:sagtours@sagtours.com)

Telephone number

Language for notifications

Last update

Created

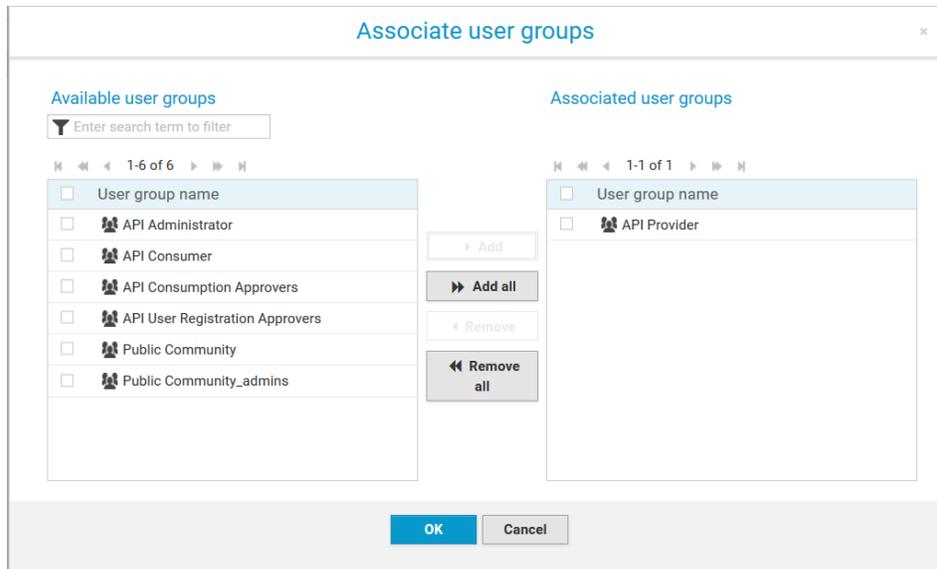
ID

Picture No picture available

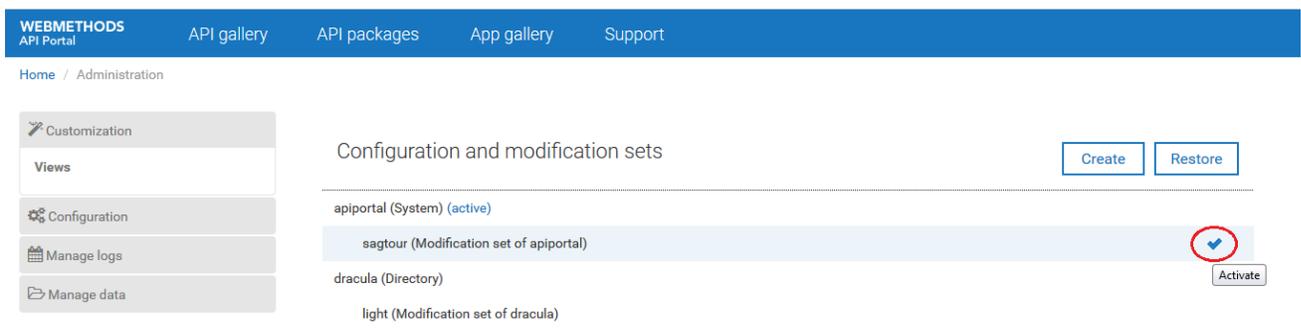
b. Click on the **Edit assignment**  icon in the top-right corner.

c. In the **Associate user groups** dialog box, select the **API Provider** group from the **Available user groups** section.

d. Click **Add** to move the selected **API Provider** group to the **Assigned user groups** section.



- e. Click **OK**.
6. Test if SAGTours demo is now available in API Portal by typing the URL: <http://API Portal:18101/#default/home>
  - a. Log on to API Portal as **system** user
  - b. Navigate to **Administration** page.
  - c. Activate **sagtour** configuration set.



If the API Portal landing page is not displayed, clear the cache of the web-browser and try again.

## 1.2 Step 2: Install and Configure SAGTours Demo in CentraSite

**Note:** Before you start, ensure that you have the latest version of Java JDK 1.8.\* installed on your machine.

The SAGTours demo for CentraSite is implemented in the following stages:

1. Load the demo environment.
2. Create an API Portal definition for communication between CentraSite and API Portal.

3. Create a Mediator or API Gateway definition for communication between CentraSite and Mediator or API Gateway.
4. Reconfigure endpoints for the REST APIs that were loaded with the demo environment.
5. Publish the APIs to Mediator or API Gateway and API Portal.

To install and configure SAGTours Demo for CentraSite, follow the outlined procedure:

1. Setup the SAGTours Demo environment.

Use the command line interface `installSAGTours.cmd` (Windows) and run as administrator or `installSAGTours.sh` (UNIX) to set up the demo environment and run as administrator. The **`installSAGTours`** script is located in the directory `<CentraSiteInstallDir>\CentraSite\demos/API-Management\SAGTours`.

2. Enable RuntimeComponentSetting.

Navigate to the `centrasite.xml` located in the directory `<CentraSiteInstallDir>\CentraSite\cast\cswebapps\BusinessUI\system\conf` and locate the `RuntimeComponentSetting` setting in the file and set its value to `true`.

Executing this script sets up the demo environment by:

- Creating a set of users, namely, Sumala, Bob, Andy, and SAGTours in the INTERNAL user repository that is used by CentraSite. (If these users already exist in the repository, the script deletes and recreates them.)
- Importing the organization SAGTours.
- Adding some concepts to the taxonomy **API Grouping** (these are used by the demo to categorize the APIs that we load).
- Loading the REST APIs.
- Building and installing the REST APIs. (These are Java JAX-RS services that we load into the Tomcat delivered by the Software AG Runtime).

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**Note:** The `installSAGTours` script must use the CentraSite Administrator user to perform actions. The property file `build.properties` in the `archives` directory contains the user name and password of the Administrator. Change these as required.

---

3. Create an API Portal definition in CentraSite Business UI as follows:
  - a. Open a web browser and type the URL of CentraSite Business UI `http://sagtours:53307/BusinessUI` (You can change the name of the machine as appropriate)
  - b. Log on as user Andy using the credentials:  
**Username** - Andy  
**Password** - manage

---

**Note:** When the installation script loads the SAGTours demo environment, the user **Andy** is given the appropriate permissions within the SAGTours Organization to create an API Portal gateway definition.

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- c. Click **Governance Rules**.

- d. Click **Add Gateway** .
- e. In the **Create New Gateway** wizard, provide the following information:
- **Name:** SAGTours API Portal
  - **Description:** API Portal for demoing SAG Tours
  - **Gateway:** API Portal
  - **Organization:** SAGTours
  - **Onboarding Consumer Organization:** Select **Create**. Type the name of the new organization as SAGTours Consumers.
  - **CentraSite Communication Information (API Portal to CentraSite)**
    - **Endpoint:** Read-only. By default, the **Endpoint** value is configured in CentraSite Business UI. If you are unable to connect to the specified endpoint, contact your Administrator for assistance.
    - **Username:** SAGTours
    - **Password:** manage
  - **API Portal Communication Information (CentraSite to API Portal)**
    - **Endpoint:** <http://api-portal:18101/abs> (You can manage the URL of the endpoint as appropriate.)

---

**Note:** Ensure that you provide the fully qualified name of the machine where webMethods API Portal is installed.

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    - **Tenant:** default
    - **Use CentraSite credentials:** Select the checkbox to enable the reuse of the CentraSite credentials for authenticating against API Portal.

- f. Click **Publish** to register the API Portal gateway with CentraSite.

4. Modify endpoints for the REST and virtual APIs of the demo using one of the following procedures:

---

**Note:** If you are unable to run through the Procedure 1 in your demo environment, use Procedure 2.

---

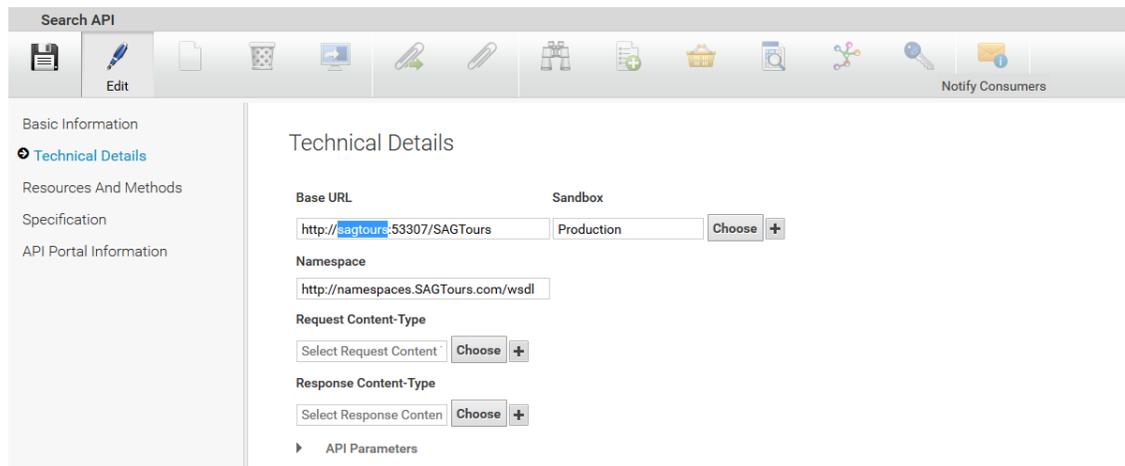
- **Procedure 1: Add an alias to etc/host**

Add an alias to `etc/hosts` for the API Portal, CentraSite, and Mediator systems that add the alias `sagtours` with IP address where CentraSite is installed. This procedure is the simplest and avoids modifying of the endpoints in CentraSite before publishing them to Mediator and API Portal gateways.

- **Procedure 2: Modify endpoints in CentraSite for the REST and Virtual APIs**

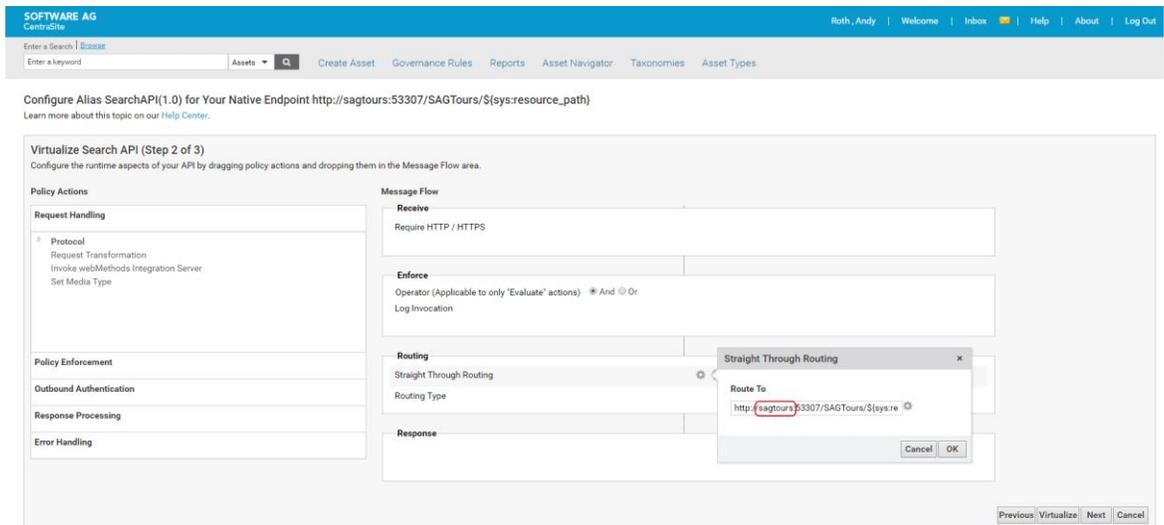
- Open your web browser and type the URL of CentraSite Business UI <http://sagtours:53307/BusinessUI> (You can change the name of the machine as appropriate.)
- Log in as the user Sumala (Username **Sumala**, password **manage**).
- For each of the following REST APIs in the SAGTours demo, modify the endpoints as required:
  - Search API
  - Booking API
  - Sign-up API
- To modify the endpoint for an API, search or browse for that particular API. Edit the Base URL information on the details page of the API to use the alias `sagtours` with IP address where CentraSite is installed.

The following screenshot shows the Search API details page, wherein the Base URL information needs to be changed.



- Log off user **Sumala** from CentraSite Business UI.
- Log on as the user **Andy** (Username **Andy**, Password **manage**) and change the routing endpoints for each of the following virtual REST APIs using the configured Straight Through Routing action:
  - Search API
  - Bookings API
  - Sign-up API

The following screenshot shows the Search API Alias page where the routing endpoints have to be changed.



### 1.3 Step 3: Install and Configure SAGTours Demo in webMethods Mediator

**Note:** Skip this section if webMethods Mediator is not used.

The SAGTours demo for Mediator is implemented in the following stages:

1. Create the SAGTours technical user in Integration Server or Mediator and add it to the Administrators group.
2. Create a Mediator gateway.
3. Publish the APIs to Mediator and API Portal gateways.

To install and configure SAGTours demo for webMethods Mediator, follow the outlined procedure:

1. Create the SAGTours user in Mediator.
  - a. Open a web browser and type the URL of Integration Server Administrator <http://sagtours:5555> (You can change the name of the machine as appropriate.)
  - b. Select **Security > User Management** in the left navigation pane.
  - c. In the **Local User Management** section, select **Add and Remove Users**.

- d. Create a new user **SAGTours** with password **manage** in the user repository.

- e. Add the newly created user **SAGTours** to the **Administrators** group. This setting is used by CentraSite when publishing APIs to the Mediator gateway.

f. Click **Save Changes**.

2. Create a Mediator gateway by following the outlined procedure:

a. Open a web browser and type the URL of CentraSite Business UI

<http://sagtours:53307/BusinessUI> (You can change the name of the machine as appropriate.)

b. Log on as CentraSite Administrator.

c. Click **Governance Rules**.

d. Click **Add Gateway** .

e. In the **Create New Gateway** wizard, provide the following information:

- **Name:** SAGTours-Mediator
- **Description:** Mediator for SAGTours Demo
- **Gateway:** Mediator
- **Organization:** SAGTours
- **CentraSite Communication Information (Mediator to CentraSite)**
  - **Endpoint:** Read-only. By default, the endpoint value is configured in CentraSite Business UI. If you are unable to connect to the specified endpoint, contact your Administrator for assistance.
  - **Username:** Administrator
  - **Password:** manage
- **Mediator Communication Information (CentraSite to Mediator)**
  - **Endpoint:** <http://sagtours:5555> customize as appropriate.

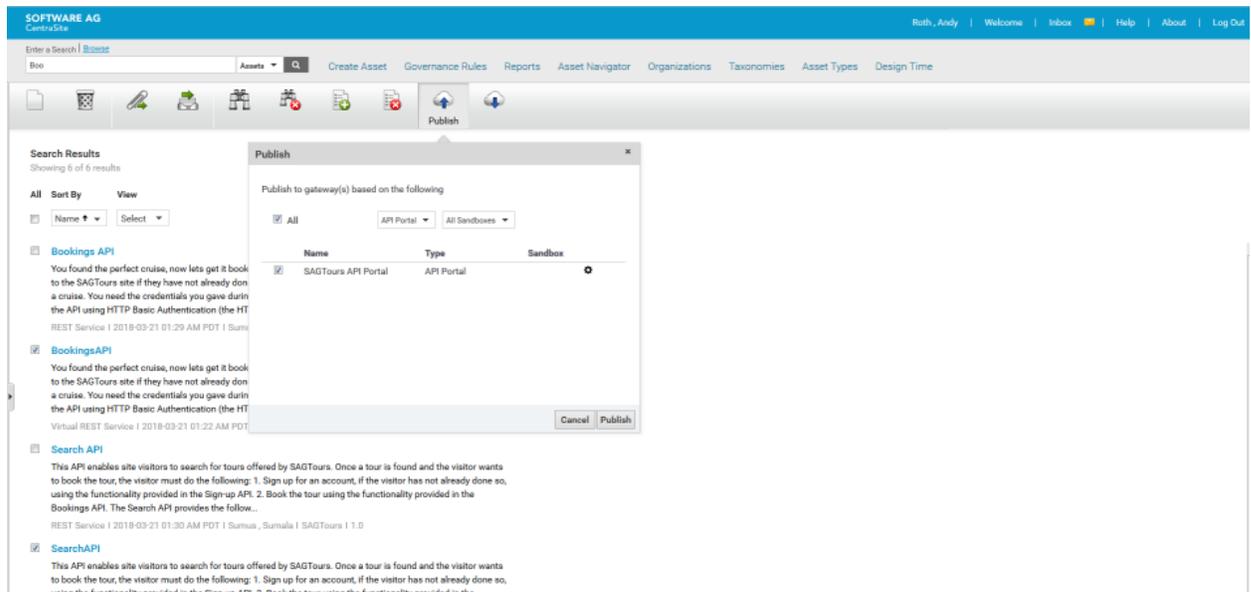
**Note:** Ensure that you provide the fully qualified name of the machine where webMethods Mediator is installed.

- **Username:** SAGTours

- **Password: manage**
- **Sandbox: Production**

- f. Click **Publish** to register the Mediator gateway with CentraSite.
  - g. If the registration is successful, log off from CentraSite. If you encounter any connection errors, review the Mediator settings and try again.
3. Publish the APIs to Mediator and API Portal gateways by the following outline procedure:
    - a. Go to CentraSite Business UI (<http://sagtours:53307/BusinessUI>) (you can change the name of the machine as appropriate), and log in as Andy (Username **Andy**, password **manage**)
    - b. Publish the virtual REST APIs, Search API, Booking API, and Sign-up API, to Mediator gateway.

- c. After successfully publishing to Mediator gateway, publish the virtual REST APIs to API Portal gateway.



- d. After publishing all the virtual REST APIs to Mediator and API Portal gateways, log off from CentraSite.

## 1.4 Step 4: Install and Configure SAGTours Demo in webMethods API Gateway

The SAGTours demo for API Gateway is implemented in the following stages:

1. Create the **SAGTours** technical user in API Gateway.
2. Create an API Gateway instance.
3. Publish the APIs to API Gateway and API Portal gateways.

To install and configure SAGTours demo for API Gateway, perform the following actions:

1. Create the **SAGTours** user in API Gateway.
  - a. Open a web browser and type the URL of API Gateway <http://sagtours:9072> (You can change the name of the machine as appropriate.)  
Log on as **Administrator** using **manage** as the password.
  - b. Click the **User** icon on the top-right corner of the screen.
  - c. Select **User management**.
  - d. In the **User management** section, click **Add user**.
  - e. Create a new user **SAGTours** with password **manage** in the user repository.

WEBMETHODS API Gateway APIs Policies Applications Packages Type at least 3 characters. Q

Home > User Management > Create User

### Create User

Create an user by providing the basic information and adding the required groups. ⓘ

Cancel Save

User details

Basic information

**Groups**

Login ID\*  
SAGTours

First name  
SAGTours

Last name  
Technical User

Password\*  
••••••

Confirm password\*  
••••••

Email addresses  
+ Add

Allow digest authentication

[Continue to associate Groups >](#)

- f. Add the newly created user **SAGTours** to the **API-Gateway-Administrators** group. This setting is used by CentraSite when publishing APIs to API Gateway.

WEBMETHODS API Gateway APIs Policies Applications Packages Type at least 3 characters. Q

Home > User Management > Create User

### Create User

Create an user by providing the basic information and adding the required groups. ⓘ

Cancel Save

User details

Basic information

**Groups**

Find groups

Name  
Ad

Name	Action
API-Gateway-Administrators	

- g. Click **Save Changes**.

2. Create an API Gateway instance by following the outlined procedure:
  - a. Open a web browser and type the URL of CentraSite Business UI <http://sagtours:53307/BusinessUI> (You can change the name of the machine as appropriate.)
  - b. Log on as CentraSite Administrator.
  - c. Click **Governance Rules**.
  - d. Click **Add Gateway**
  - e. In the **Create New Gateway** wizard, provide the following information:
    - **Name:** SAGTours-API Gateway

- **Description:** API Gateway for SAGTours Demo
- **Gateway:** API Gateway
- **Organization:** SAGTours
- **CentraSite Communication Information (API Gateway to CentraSite)**
  - **Endpoint:** Read-only. By default, the **Endpoint** value is configured in CentraSite Business UI. If you are unable to connect to the specified endpoint, contact your Administrator for assistance.
  - **Username:** Administrator
  - **Password:** manage
- **API Gateway Communication Information (CentraSite to API Gateway)**
  - **Endpoint:** `http://sagtours:5555` customize as appropriate.

**Note:**

Ensure that you provide the fully qualified name of the machine where weMethods Mediator is installed.

The API Gateway WebApp URL depends on the load balancer only (optional)

- **Username:** SAGTours
- **Password:** manage
- **Sandbox:** Production

The screenshot shows the 'Create New Gateway' form in the CentraSite interface. The form is divided into two main sections: 'CentraSite Communication Information (API Gateway to CentraSite)' and 'API Gateway Communication Information (CentraSite to API Gateway)'. The first section includes fields for Name (SAGTours-APIGateway), Description (API Gateway for SAGTours Demo), Gateway (API Gateway), Organization (SAGTours), CentraSite Endpoint (http://mcsr01.eur.ad.sag.53307), Username (Administrator), and Password (manage). The second section includes fields for API Gateway Endpoint (http://vmddevapigateway01.5555), API Gateway WebApp URL, a checkbox for 'Use CentraSite credentials', Username (SAGTours), Password (manage), and Sandbox (Production).

- f. Click **Publish** to register the API Gateway with CentraSite.
  - g. If the registration is successful, log off from CentraSite. If you encounter any connection errors, review the API Gateway settings and try again.
3. Publish the APIs to API Gateway and API Portal gateways by performing the following actions:
    - a. Go to CentraSite Business UI (<http://sagtours:53307/BusinessUI>) (you can change the name of the machine as appropriate), and log in as Andy (username **Andy**, password **manage**)
    - b. Publish the following virtual REST APIs to the API Gateway instance:
      - Search API
      - Booking API
      - Sign-up API

**SOFTWARE AG**  
CentraSite

Roth, Andy | Welcome | Inbox | Help | About | Log Out

Enter a Search | Browse

Assets | Search | Create Asset | Governance Rules | Reports | Asset Navigator | Organizations | Taxonomies | Asset Types | Design Time

SearchAPI

**Basic Information**

Technical Details

Resources And Methods

Specification

Runtime Metrics

Runtime Events

Consumer Overview

Provider Overview

API Portal Information

API Gateway Information

**Basic Information**

**Type**  
Virtual REST Service

**Last Updated**  
2019-09-11 05:15 PM UTC+5:30

**Owner**  
Roth, Andy

**Version**  
1.0

**Organization**  
SAGTours

**Native Service**  
Search API(1.0)

**Description**  
This API enables site visitors to search for tours offered by SAGTours. Once a tour is found and...

1. Sign up for an account, if the visitor has not already done so, using the functionality provided...

2. Book the tour using the functionality provided in the Bookings API.

The Search API provides the following search options:

- Show all available cruises.
- Show cruises based on filter criteria.
- Show a specific cruise based on its cruise ID.

If an error occurs, the API returns an HTTP status code and, where appropriate, a plain text me...

0 Watchers | 0 Consumers, 0 Consumed Assets | 0 Pending Approvals

**Publish**

Publish to gateway(s) based on the following

**Gateway type:** API Gateway | **Sandbox:** All Sandboxes

All

Name	Sandbox
<input checked="" type="checkbox"/> SAGTours-API Gateway	Production

API details can't be edited and deleted in API Gateway  
All CentraSite defined Run-time enforcement will be sent to API Gateway.

Cancel | Publish

**SOFTWARE AG**  
CentraSite

Roth, Andy | Welcome | Inbox | Help | About | Log Out

Enter a Search | Browse

Assets | Search | Create Asset | Governance Rules | Reports | Asset Navigator | Organizations | Taxonomies | Asset Types | Design Time

SearchAPI

**Basic Information**

Technical Details

Resources And Methods

Specification

Runtime Metrics

Runtime Events

Consumer Overview

Provider Overview

API Portal Information

API Gateway Information

**Basic Information**

**Type**  
Virtual REST Service

**Last Updated**  
2019-09-20 10:55 AM UTC+5:30

**Owner**  
Roth, Andy

**Version**  
1.0

**Organization**  
SAGTours

**Native Service**  
Search API(1.0)

**Description**  
This API enables site visitors to search for tours offered by SAGTours. Once a tour is found and...

1. Sign up for an account, if the visitor has not already done so, using the functionality provided...

2. Book the tour using the functionality provided in the Bookings API.

The Search API provides the following search options:

- Show all available cruises.
- Show cruises based on filter criteria.
- Show a specific cruise based on its cruise ID.

If an error occurs, the API returns an HTTP status code and, where appropriate, a plain text me...

0 Watchers | 0 Consumers, 0 Consumed Assets | 0 Pending Approvals

**Publish**

Publish to gateway(s) based on the following

**Gateway type:** API Portal | **Sandbox:** All Sandboxes

**Select an API Portal and communities to publish**

- SAGTours API Portal
- Communities**
- Public Community

**Select API Gateways and endpoints to expose**

- SAGTours-API Gateway
- Endpoints**
- http://SAG-8DXGBH2:5555/gateway/SearchAPI/1.0

Cancel | Publish

- c. After successful publishing of the APIs to the API Portal, go to the API Portal Information profile.

The screenshot shows the Software AG CentraSite interface. The top navigation bar includes the logo, user name (INTERNAL\Administrator), and links for Welcome, Inbox, Help, About, and Log Out. Below the navigation bar is a search bar and a menu with options like Create Asset, Governance Rules, Reports, Asset Navigator, Organizations, Taxonomies, Asset Types, and Design Time. The main content area is titled "API Portal Information" and displays the following details:

- API Maturity Status:** Production
- API Grouping:** Search
- API Subscription:** Free
- API Icon:** Search.png
- API Details on API-Portal(s):** <http://mcev02.eur.ad.sag/#default/apiDetails/c.restObject.API-Portal.p80TYclZEhcYKRMylv4A-1>

The left sidebar contains a list of navigation options: Basic Information, Technical Details, Resources And Methods, Specification, Runtime Metrics, Runtime Events, Consumer Overview, Provider Overview, API Portal Information (selected), and API Gateway Information.

- d. After successfully publishing of the APIs to API Gateway, go to the API Gateway Information profile.

The screenshot shows the Software AG CentraSite interface with the "API Gateway Information" profile selected. The main content area displays the following information:

- SAG Tours-APIGateway**
- API Gateway for SAGTours Demo**
- Links: [View in API Gateway](#), [View Runtime Enforcement in CentraSite](#), [View Runtime Enforcement in API Gateway](#)

The left sidebar navigation options are: Basic Information, Technical Details, Resources And Methods, Specification, Runtime Metrics, Runtime Events, Consumer Overview, Provider Overview, API Portal Information, and API Gateway Information (selected).

- e. Click **View** in the API Gateway link to view the API details from API Gateway.

The screenshot displays the API Gateway console for the 'SearchAPI'. The interface includes a top navigation bar with 'WEBMETHODS API Gateway', 'APIs', 'Policies', 'Applications', and 'Packages'. The main content area is titled 'SearchAPI' and provides details under 'Basic information':

- Name:** SearchAPI
- Version:** 1.0
- Owner:** SAGTours
- Active:** Yes
- Maturity state:** Beta
- Created:** 2018-03-21 09:27:50 GMT

The **Description** states: "This API enables site visitors to search for tours offered by SAGTours. Once a tour is found and the visitor wants to book the tour, the visitor must do the following:"

- Sign up for an account, if the visitor has not already done so, using the functionality provided in the Sign-up API.
- Book the tour using the functionality provided in the Bookings API.

The Search API provides the following search options:

- Show all available cruises.
- Show cruises based on filter criteria.
- Show a sp... [More](#)

**Technical information** includes:

- Native endpoint(s):** <http://mcsv02.eur.ad.sag.53307/SAGTours>
- Gateway endpoint(s):**
  - <http://daeyabv03.2225/gateway/SearchAPI/1.0>
  - <http://daeyabv03.4000/gateway/SearchAPI/1.0>
  - <http://daeyabv03.4010/gateway/SearchAPI/1.0>
  - <http://daeyabv03.5555/gateway/SearchAPI/1.0>

**Resources and methods** section indicates: "Below is a list of operations exposed as REST resources. Click on each operations to view more details."

- f. After publishing all the virtual REST APIs to API Gateway and API Portal gateways, log off from CentraSite.

## 1.5 Step 5: Verify Contents in API Portal

Ensure that API Portal is displaying the demo content correctly by performing the following actions:

- In a web browser, go to API Portal by typing the URL <http://api-portal:18101/#sagtours/home> (you can change the name of the machine as appropriate).

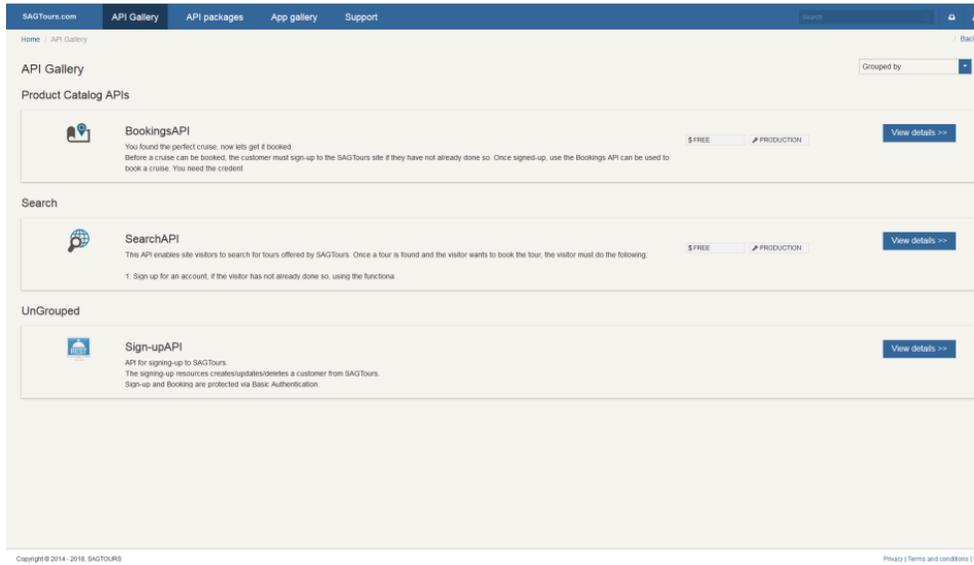
The following image shows the landing page of the demo with some of the customization capabilities of API Portal.

The screenshot shows the SAGTours Developer Site landing page. The header features a large image of a beach with the text "WELCOME TO SAGTOURS DEVELOPER SITE" and "Explore the APIs we offer to support your App development". The main content area is divided into three columns:

- What is SAGTours Developer Community?** SAGTours offers Application Programming interfaces (APIs) that you can leverage to build your own innovative travel applications and access all the proven services that SAGTours offers to search for cruises and arrange bookings. Now get started and explore our [API Gallery](#).
- Register for free** Learn how to join the user community and request access tokens for APIs.
- Need Support?** In case you have questions on how to use our APIs, need clarifications on the business and usage terms or in general want to provide feedback or request new functionalities - do not hesitate to reach out to us. LevelUp! our support forum to get in touch with us! [Check out our Forum](#).

The footer includes "Copyright © 2014 - 2018, SAGTOURS" and "Privacy | Terms and conditions | Up".

## 2. Click API Gallery to see the list of demo APIs.



The screenshot displays the SAGTours API Gallery interface. The navigation bar includes links for SAGTours.com, API Gallery, API packages, App gallery, and Support. The main content area is titled "API Gallery" and features a "Grouped by" dropdown menu. The APIs are organized into three sections:

- Product Catalog APIs:** Contains the "BookingsAPI", which allows users to book a cruise. It is marked as "FREE" and "PRODUCTION".
- Search:** Contains the "SearchAPI", which enables site visitors to search for tours. It is also marked as "FREE" and "PRODUCTION".
- UnGrouped:** Contains the "Sign-upAPI", which is used for signing up to SAGTours. It is marked as "FREE" and "PRODUCTION".

Each API card includes a "View details >>" button. The footer of the page contains copyright information for 2014-2018 SAGTOURS and links for Privacy, Terms and conditions, and Up.

This completes the installation and configuration of SAGTours demo.

**Note:** For information on how to create a customized API Portal, see the *webMethods API Portal Customization Guide*.