

## Practical Exercise: Working with Tenants

### Training Objective

Learn how to create tenants and use tenants to share APIs.

### Business Scenario

PizzaShack Limited would like to create a separate tenant for employees in order to share APIs only with them. The first API that is shared will be used for verifying the phone details of the customers. This API will be shared by the PizzaShack head office and shared among the branches.

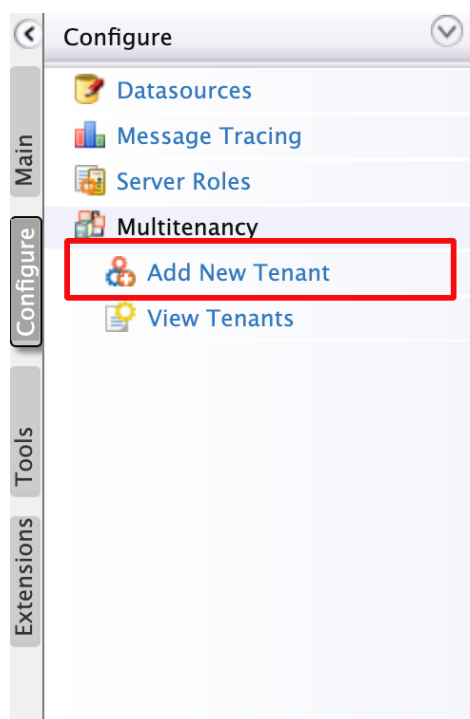
### High-Level Steps

- Create tenant
- Manage the API within tenant

### Detailed Instructions

#### Create Tenant

1. Log in to the Management Console: <https://localhost:9443/carbon> as an admin user.
2. Click **Configure** > **Multitenancy** > **Add New Tenant**.



3. Register a new domain named pizzashack.com as follows:

Home > Configure > Multitenancy > Add New Tenant Help

### Register A New Organization

**Domain Information**

Domain \* 

Use a domain for your organization, in the format "example.com", This domain should be unique.

**Usage Plan Information**

Select Usage Plan For Tenant \* 

According to the selected plan, resources will be allocated to you. You can update or downgrade your plan later according to your requirements.

**Tenant Admin**

First Name \*   
Last Name \*   
Admin Username \*  @pizzashack.com  
Admin Password \*   
Admin Password (Repeat) \*

**Contact Details**

Email \*

Tenants List (Number of tenants : 1)

Domain	Email	Created Date	Actions	Edit
pizzashack.com	alex@pizzashack.com	2020/08/26 09:58:31	<input type="button" value="Deactivate"/>	<input type="button" value="Edit"/>

4. Go to the URL for the Developer Portal <https://localhost:9443/devportal/>. The super tenant and the newly created tenant will be displayed.

Tenant Developer Portals

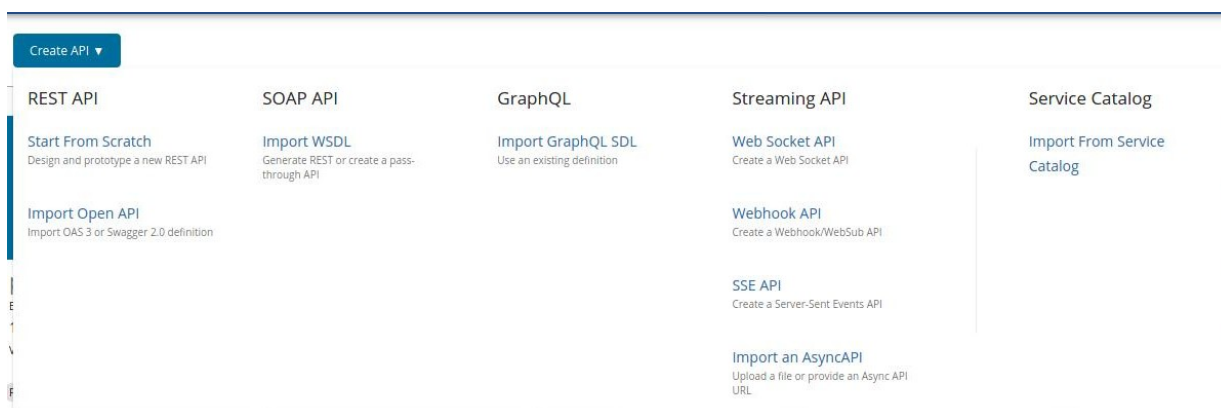
carbon.super

pizzashack.com

5. Click on pizzashack.com and note that no APIs have been published yet.
6. Login as admin@pizzashack.com. There are no APIs displayed even after logging in.

## Manage the API within Tenant

1. Log in to the Publisher as [admin@pizzashack.com](mailto:admin@pizzashack.com).
2. Click **APIs** from the left menu and click **"Create API"** and **"Import WSDL"** under the **"SOAP API"** option.



3. Use the following URL as the WSDL URL and click **Next**.

<http://ws.cdyne.com/phoneverify/phoneverify.asmx?wsdl>

### Expose a SOAP Service as a REST API

Expose an existing SOAP service as a REST API by importing the WSDL of the SOAP service.

1

2

Provide WSDL

Create API

\* Implementation Type

☒ Pass Through

☐ Generate REST APIs

\* Input Type

☒ WSDL URL

☐ WSDL File/Archive

WSDL URL

Click away to validate the URL

Cancel

Next

4. Enter the following details.

Field	Value
Name	PhoneVerification
Context	/phoneverify
Version	1.0
Endpoint	http://ws.cdyne.com/phoneverify/phoneverify.asmx

### Expose a SOAP Service as a REST API

Expose an existing SOAP service as a REST API by importing the WSDL of the SOAP service.

✓ Provide WSDL

2 Create API

Name\*  
PhoneVerification

Context\*  
/phoneverify

Version\*  
1.0

API will be exposed in /phoneverify/1.0 context at the gateway

Endpoint  
http://ws.cdyne.com/phoneverify/phoneverify.asmx

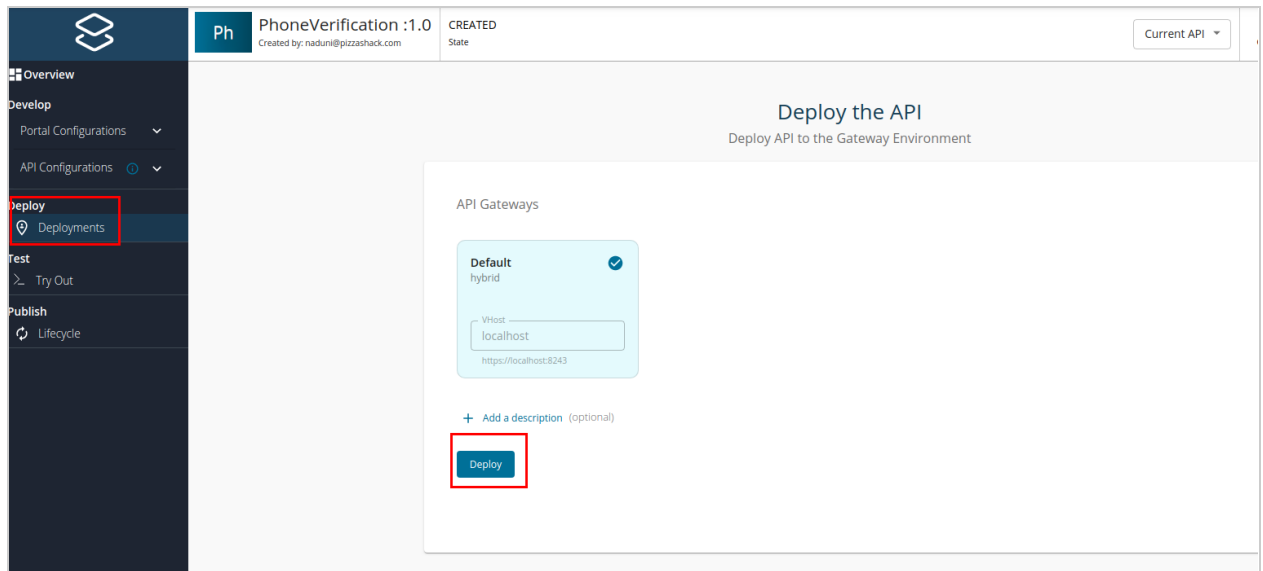
✓

\* Mandatory fields

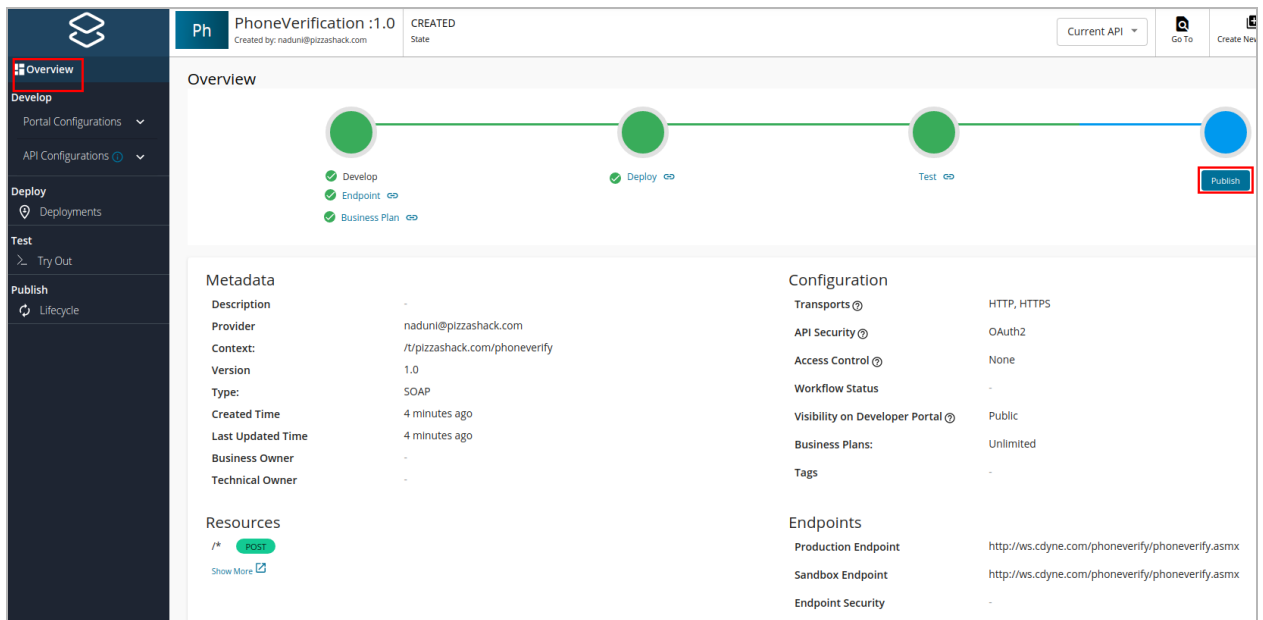
Back

Create

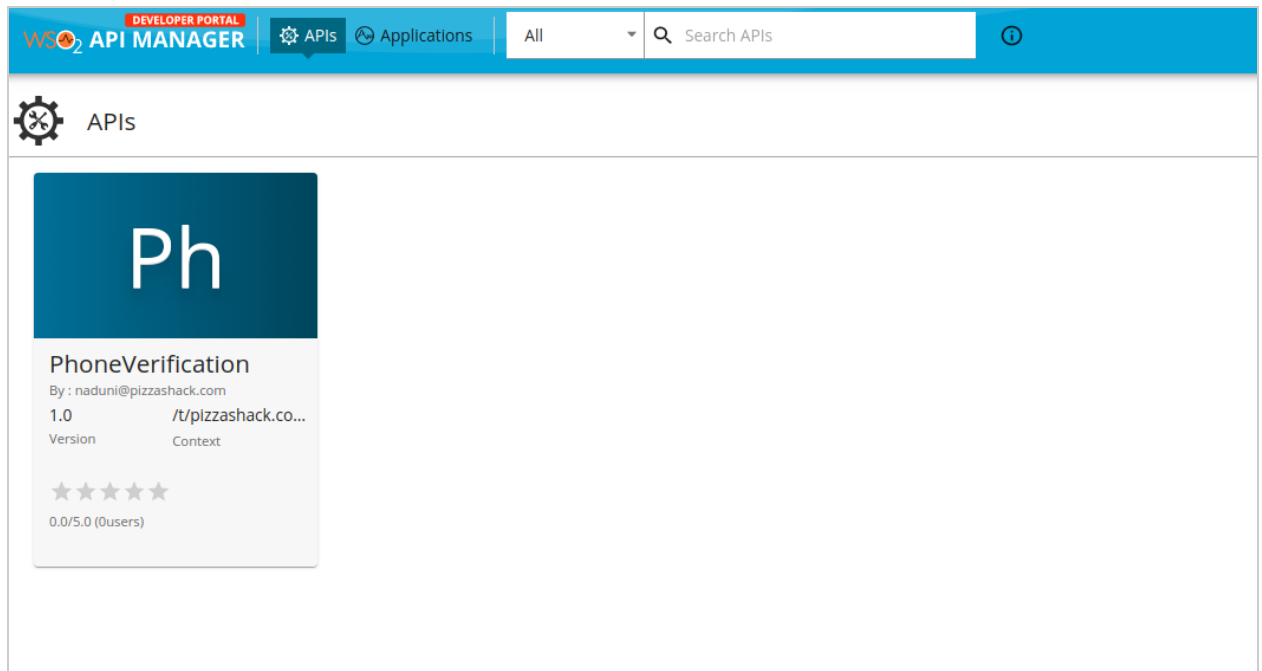
5. Click **Create** to create the API.
6. Click on the newly created API and go to **Deployments** and click on **Deploy** to deploy a new revision.



7. Go to the **Overview** page and click on **Publish** to publish the API.



8. Go to the API Developer Portal: <https://localhost:9443/devportal/>.
9. Go to the **carbon.super** developer portal domain from the list, and note that the newly created API does not appear.
10. Try logging in as admin, and note that the API is still not visible.
11. Log in to the **pizzashack.com** developer portal as **admin@pizzashack.com** and view the newly added **PhoneVerification** API.



## Expected Outcome

A tenant is created to contain the employees of PizzaShack. An API is created to verify the phone details of customers and this is shared with only this tenant in which the API was created.