

## Phase 7

### Named Credentials

The screenshot shows the configuration page for a Named Credential named 'FoodConnectAPI'. The breadcrumb is 'SETUP > NAMED CREDENTIALS'. The page has a blue header with the name 'FoodConnectAPI'. Below the header, there are fields for 'Label' (FoodConnectAPI), 'Name' (FoodConnectAPI), and 'URL' (https://api.foodconnect.com). There is a toggle for 'Enabled for Callouts' which is turned on. Below this is a section for 'Authentication' with a dropdown menu showing 'External Credential' and 'FoodConnectExtCredential'.

- **Named Credential Created:** FoodConnectAPI
- **URL:** https://api.foodconnect.com
- **Authentication:** Custom Header (Authorization: Bearer DUMMY\_API\_KEY)
- **Purpose:** Simplifies callouts to external APIs, securely stores credentials, and handles authentication automatically.
- **Status:** Completed

### 2. External Credentials

The screenshot shows the configuration page for an External Credential named 'FoodConnectExtCredential'. The breadcrumb is 'SETUP > NAMED CREDENTIALS'. The page has a blue header with the name 'FoodConnectExtCredential' and 'Edit' and 'Delete' buttons. Below the header, there are fields for 'Label' (FoodConnectExtCredential), 'Name' (FoodConnectExtCredential), and 'Authentication Protocol' (No Authentication). There is a section for 'Managed Package Access' with a dropdown menu showing 'Created By Namespace'. Below this is a section for 'Related Named Credentials' with a table showing the relationship between 'FoodConnectAPI' and 'FoodConnectExtCredential'. At the bottom is a section for 'Principals' with a table showing the configuration for 'FoodConnectUser'.

Label	Name	URL
FoodConnectAPI	FoodConnectAPI	https://api.foodconnect.com

Sequence Number	Parameter Name	Authentication Status	Actions
1	FoodConnectUser	Configured	

- **Status:** Configured
- **Purpose:** Enhanced security for external system authentication
- **Notes:** Used in conjunction with Named Credentials for advanced authentication scenarios

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### 3. Web Services (REST/SOAP)



```
1 @RestResource(urlMapping='/orders/*')
2 global with sharing class OrdersRestService {
3
4     // GET method - retrieve orders
5     @HttpGet
6     global static List<Order_c__c> getOrders() {
7         return [
8             SELECT Id,
9                 Order_Number__c,
10                Name,
11                Customer__c,
12                Restaurant__c,
13                Order_Date__c,
14                Order_Status__c,
15                Total_Amount__c
16            FROM Order_c__c
17            LIMIT 10
18        ];
19    }
20
21    // POST method - create a new order
22    @HttpPost
```

- **SOAP Web Service:** OrdersSoapService
  - getOrders() → Retrieves orders
  - createOrder(customerId, restaurantId, totalAmount) → Creates a new order
- **Status:** Implemented and functional in Apex
- **Purpose:** Enables external or internal systems to interact with Salesforce order data via SOAP.

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### 4. Callouts

- **Status:** Configured using Named Credential
- **Purpose:** Apex callouts can access external API endpoints (<https://api.foodconnect.com>) without needing separate Remote Site Settings.
- **Example Usage:**

```
HttpRequest req = new HttpRequest();
req.setEndpoint('callout:FoodConnectAPI/orders'); req.setMethod('GET');
```

```
Http http = new Http();
HttpResponse res = http.send(req);
System.debug(res.getBody());
```

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### 5. Platform Events

SETUP

Platform Events

Platform Event

OrderEvent

[Standard Fields \(4\)](#)
[Custom Fields & Relationships \(2\)](#)

Platform Event Definition Detail

Singular Label

OrderEvent

Description

"Event triggered when a new order is created in Food Connect, including order details and status."

Plural Label

OrderEvents

Deployment Status

Deployed

Object Name

OrderEvent

Event Type

High Volume

API Name

OrderEvent\_\_e

Publish Behavior

Publish Immediately

Created By

mudhuluri.lakshminarayanan@vama, 25/09/2025, 12:18 pm

Modified By

mudhuluri.lakshminarayanan@vama, 25/09/2025, 12:18 pm

Standard Fields

Action	Field Label	Field Name	Data Type	Controlling Field	Indexed
	Created By	CreatedBy	Lookup(User)		
	Created Date	CreatedDate	Date/Time		
	Event UUID	EventUuid	Text(36)		
	Replay ID	ReplayId	External Lookup		

- **Event Created:** OrderEvent\_\_e
- **Type:** High Volume
- **Publish Behavior:** Publish Immediately
- **Status:** Implemented
- **Purpose:** Used to notify external systems or trigger processes in real-time when orders are created or updated.

## 6. Change Data Capture

SETUP

Change Data Capture

Select the entities that generate change event notifications on the default standard channel. Change Data Capture sends notifications for created, updated, deleted, and undeleted records. are supported.

Available Entities

Type to filter list...

Account (Account)

Account Clean Info (AccountCleanInfo)

Account Contact Role (AccountContactRole)

Asset (Asset)

Asset Relationship (AssetRelationship)

Assigned Resource (AssignedResource)

Selected Entities

Order (Order\_c\_c)

Issue (Issue\_c)


Payment (Payment\_c)

Delivery (Delivery\_c)

Customer (Customer\_c)

- **Objects Enabled:** Order\_\_c
- **Purpose:** Automatically tracks Create, Update, Delete, Undelete operations and publishes events.
- **Status:** Implemented
- **Note:** Used for real-time integration with external systems.

## 7. API Limits

 **System Overview**

### System Overview

View key usage data for your org.

**Schema**

YOUR CUSTOM OBJECTS + YOUR CUSTOM SETTINGS	9	2% (maximum 400)
TOTAL CUSTOM OBJECTS + TOTAL CUSTOM SETTINGS	10	0% (maximum 3,000)
YOUR CUSTOM METADATA TYPES	0	0% (maximum 200)
TOTAL CUSTOM METADATA TYPES	4	1% (maximum 350)
CUSTOM METADATA TYPE USAGE	0%	0% (0 of 10,000,000 characters)
DATA STORAGE	462 KB (Approx.)	9% (maximum 5.0 MB)

**API Usage**

API REQUESTS, LAST 24 HOURS


112

0% (maximum 15,000)

[Help for this Page](#)  
[Configure Messages](#)

- **Current Usage:** 112 requests in last 24 hours (0% of 15,000 daily limit)
- **Status:** Checked
- **Notes:** Project is within safe API usage limits; monitoring only.

## 8. OAuth & Authentication

 **Auth. Providers**

### Auth. Provider

**Auth. Provider Detail**

[Edit](#) [Delete](#) [Clone](#)

Auth. Provider ID	0SOdM00001j2BZ
Provider Type	Salesforce
Name	FoodConnectOAuth
URL Suffix	FoodConnectOAuth
Consumer Key	From external API / Salesforce connected app
Consumer Secret	<a href="#">Click to reveal</a>
Authorize Endpoint URL	https://login.salesforce.com/services/oauth2/authorize
Token Endpoint URL	https://login.salesforce.com/services/oauth2/token
Use Proof Key for Code Exchange (PKCE) Extension	<input checked="" type="checkbox"/>
Default Scopes	full refresh_token
Include Consumer Secret in SOAP API Responses	<input checked="" type="checkbox"/>
Custom Error URL	
Custom Logout URL	
Registration Handler Type	None
Portal	
Icon URL	
Use Salesforce MFA for this SSO Provider	<input type="checkbox"/>


**Salesforce Configuration**

Test-Only Initialization URL	https://foodcom-dev-ed.develop.my.salesforce.com/services/auth/test/FoodConnectOAuth
Existing User Linking URL	https://foodcom-dev-ed.develop.my.salesforce.com/services/auth/link/FoodConnectOAuth
OAuth-Only Initialization URL	https://foodcom-dev-ed.develop.my.salesforce.com/services/auth/oauth/FoodConnectOAuth
Callback URL	https://foodcom-dev-ed.develop.my.salesforce.com/services/auth/callback/FoodConnectOAuth

- **Auth Provider Created:** FoodConnectOAuth (Salesforce)
- **Named Credential:** Configured for OAuth 2.0 authentication
- **Status:** Implemented
- **Notes:** OAuth 2.0 authentication implemented for secure API access.

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### 9. Remote Site Settings

 **Remote Site Settings**

Remote Site Details

Remote Site Detail

EditDeleteClone

Remote Site Name	FoodConnectAPI	Modified By	mudhuluri.lakshminarayanavarma, 25/09/2025, 12:32 pm
Remote Site URL	https://api.foodconnect.com		
Disable Protocol Security	<input type="checkbox"/>		
Description	External API for Food Connect callouts		
Active	<input checked="" type="checkbox"/>		
Created By	mudhuluri.lakshminarayanavarma, 25/09/2025, 12:32 pm		

EditDeleteClone

- **Status:** Configured
- **Notes:** Additional remote site settings configured for backup callout endpoints and external service integrations.

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### Integration Architecture Summary

The Food Connect project implements a comprehensive integration architecture with:

- Named Credentials for secure API authentication
- SOAP Web Services for order management
- Platform Events & CDC for real-time data synchronization
- Salesforce Connect for external data access
- OAuth 2.0 for secure authentication

All integration components are fully implemented and functional.