WSO2 API Manager 2.0.0

Fundamentals
Module 02 - Working with APIs

WSO2 Training





Objectives

At the end of this module, attendees will:

Understand how to create, advertise and manage your APIs end-to-end using
 WSO2 API Manager





Publishing APIs

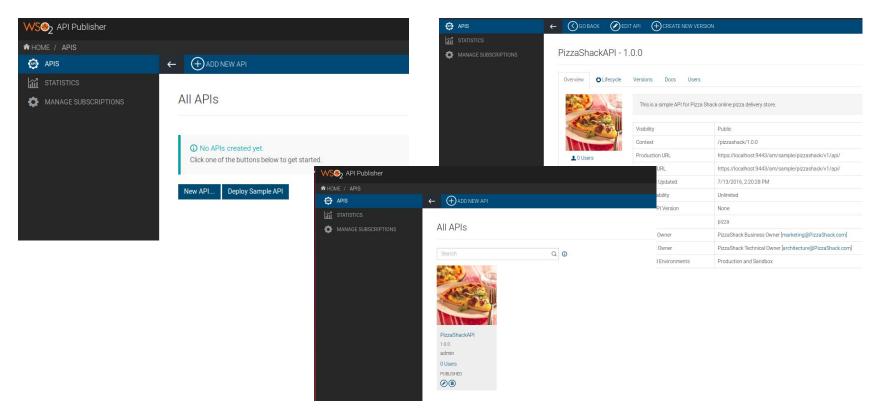


User Roles of API Publisher





Sample API

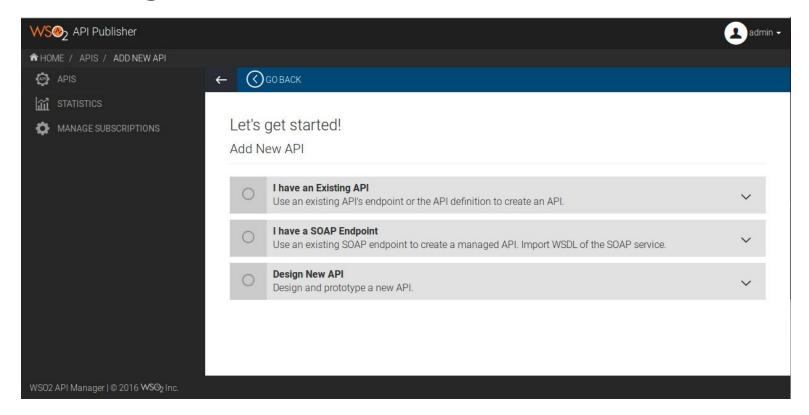


https://docs.wso2.com/display/AM200/Quick+Start+Guide



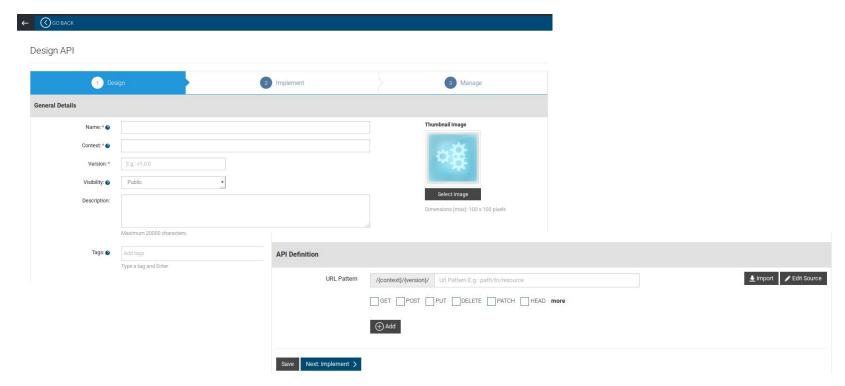


API Design



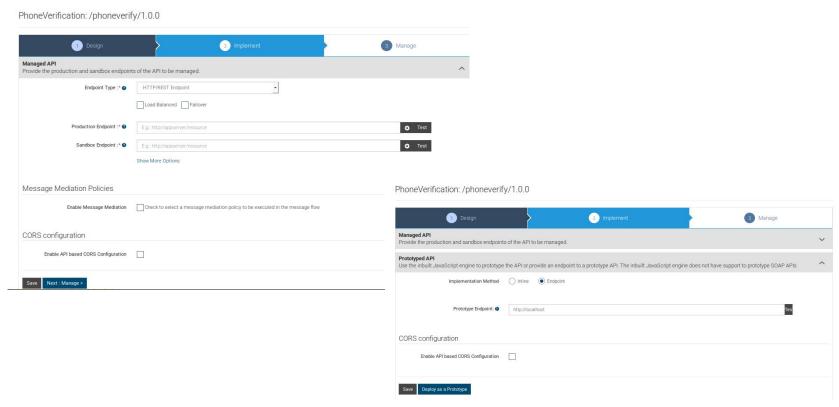


API Design





API Implementation

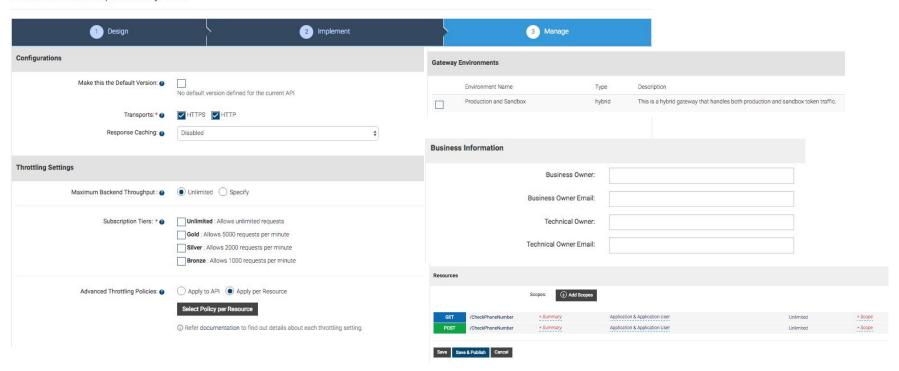






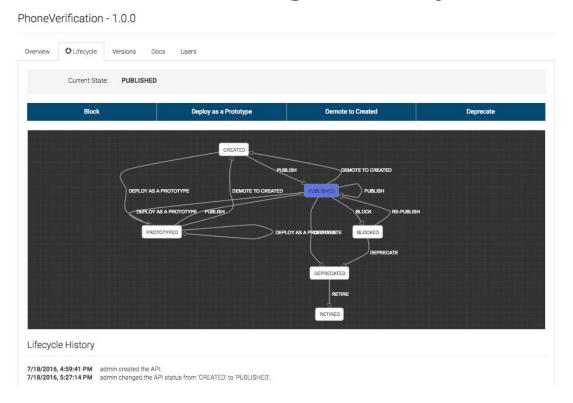
Managing APIs

PhoneVerification:/phoneverify/1.0.0





Publish API and Manage Lifecycle

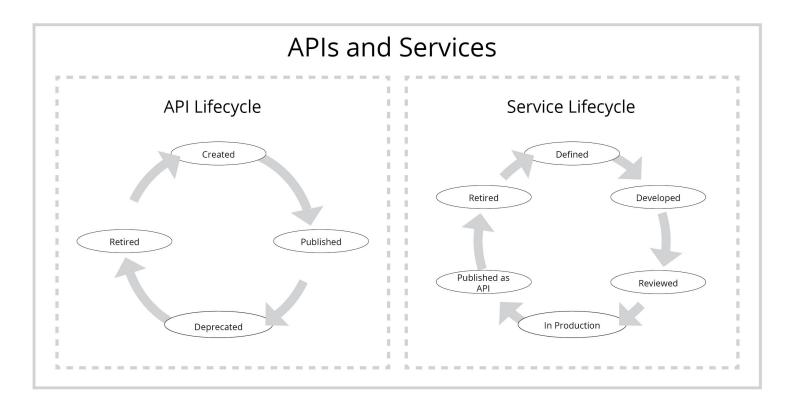


https://docs.wso2.com/display/AM200/Publish+the+new+Version+and+Deprecate+the+old





APIs & Services

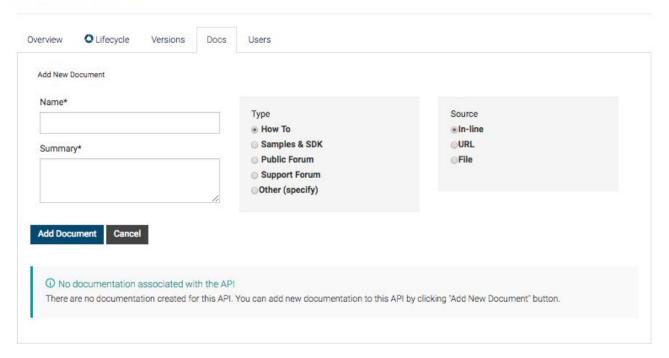


https://docs.wso2.com/display/AM200/Key+Concepts#KeyConcepts-APIlifecycle



API Documentation

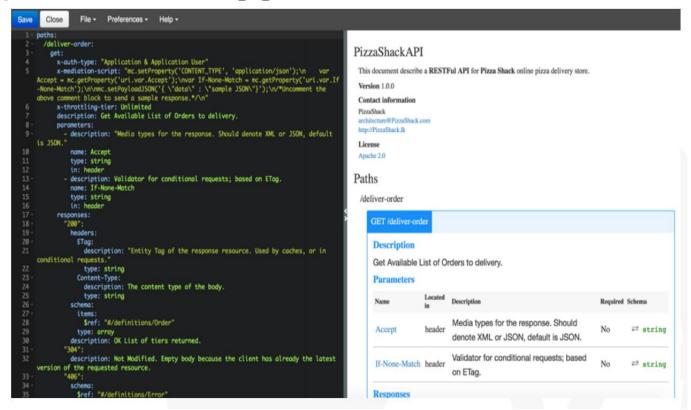
PhoneVerification - 1.0.0



https://docs.wso2.com/display/AM200/Add+API+Documentation+In-line,+using +a+URL+or+a+File



Support for Swagger 2.0



https://docs.wso2.com/display/AM200/Edit+an+API+Using+the+Swagger+UI





Maintain API Version within API Context

{version}/{context}

e.g.,

1.0.0/pizzashack



User Tenants

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Working with Tenants





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Creating and Publishing the PizzaShack API





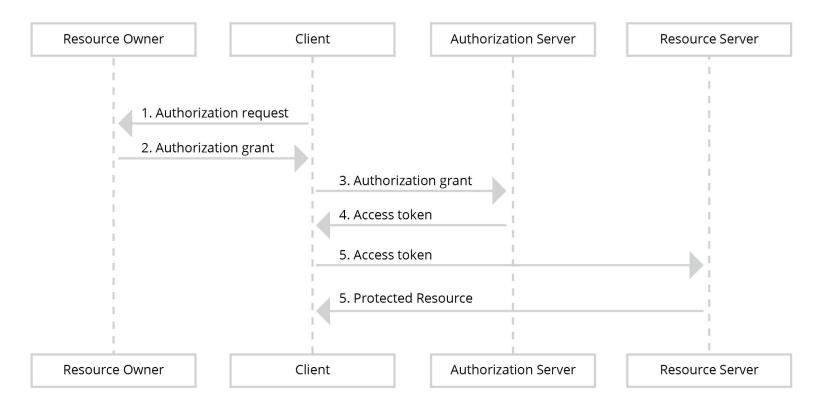


Introduction to OAuth2



OAuth2

OAuth 2.0 Protocol Flow





OAuth2 Grant Types

- Code
- Implicit
- Password
- Client credential
- Refresh token
- SAML
- o IWA-NTLM

https://docs.wso2.com/display/AM200/Token+API



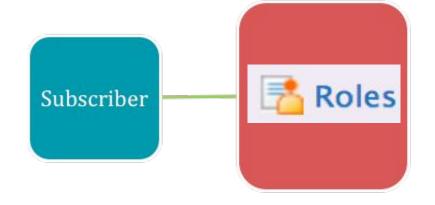


Consuming and Subscribing to APIs



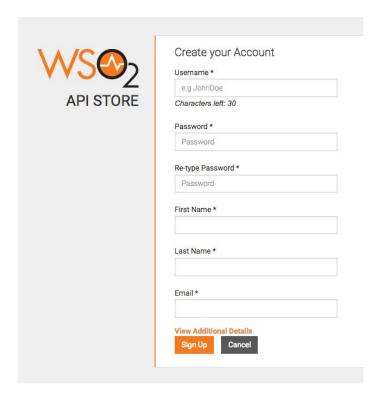


User Roles of API Store





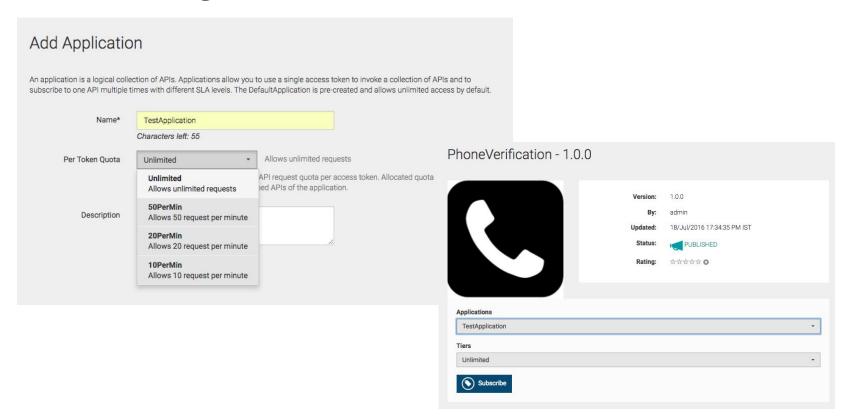
Sign up to API Store



https://docs.wso2.com/display/AM200/Subscribe+to+an+API



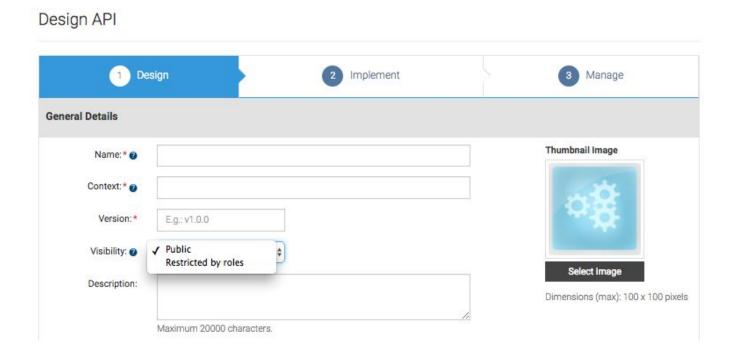
Subscribing to APIs



https://docs.wso2.com/display/AM200/Subscribe+to+an+API



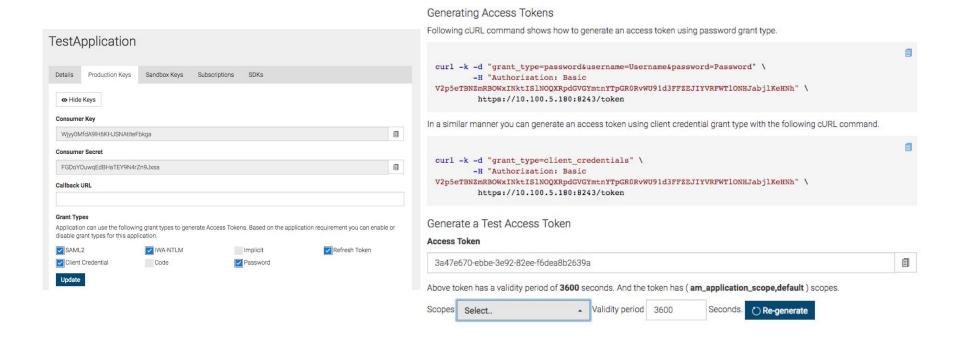
API/Documentation Visibility



https://docs.wso2.com/display/AM200/Key+Concepts#KeyConcepts-APIvisibilityandsubscription



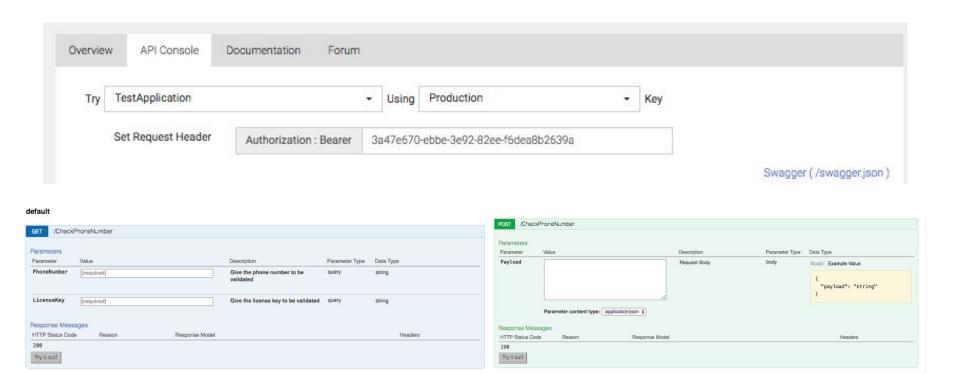
Get Access Token for API



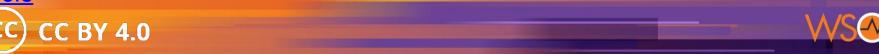
https://docs.wso2.com/display/AM200/Working+with+Access+Tokens



API Console



https://docs.wso2.com/display/AM200/Invoke+an+API+using+the+Integrated+API+Console



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Subscribing to APIs





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Invoking the API





