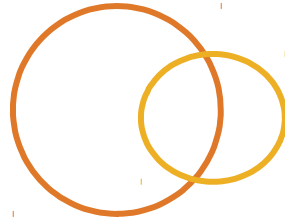
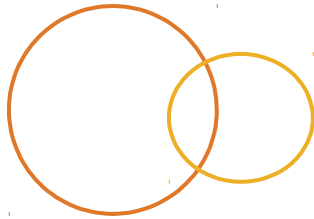
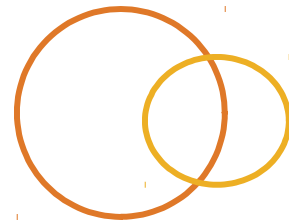
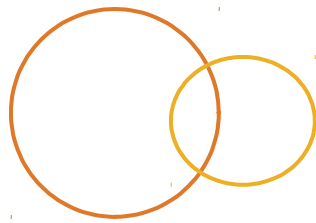


Overview of Developer Resources at Intuit

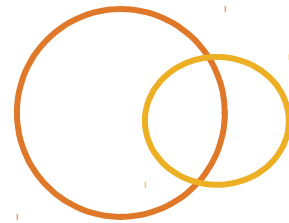
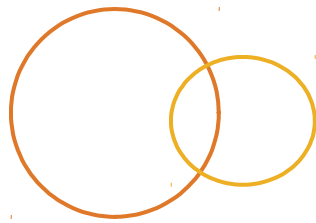


Objectives



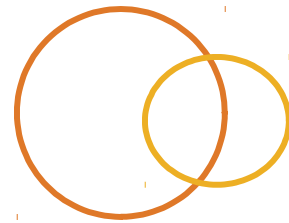
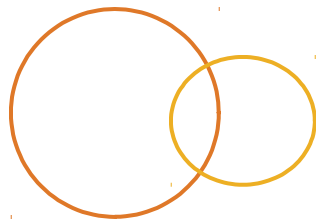
- ◉ Locate the Developer Portal
- ◉ Give an overview of the purpose of the services portal
- ◉ State when a proposed service should be added to the portal
- ◉ Give an overview of how to add a service to the portal
- ◉ Give an overview of the purpose of the Gateway
- ◉ Give an overview of how to put a service behind the gateway
- ◉ Give an overview of the purpose of the Cookbook
- ◉ Identify three key goals of the Cookbook

The Portal



- ◉ <http://devinternal.inuit.com/>
- ◉ Lists existing and proposed services with descriptions, documentation, Swagger playgrounds, client widgets and more
- ◉ If you have an idea for a service, you should check here to determine if it's already being addressed by another team

The Portal



- ◉ If you decide to proceed with your idea, you should publish the project's existence here immediately
 - ◉ Do this **before** you even start on design, so that interested parties can contribute, and won't duplicate effort
 - ◉ Endeavor to share a project and extend it rather than duplicate anything

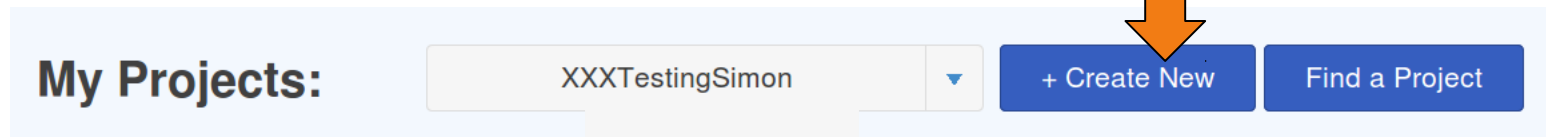
Adding Services To The Portal



- First, create a project, click MyStuff



- Then click the “Create New” project button



- Complete the project creation

Create a New Project

A Project is a container for Clients and Services, and can contain both. They are be members assigned to a project have permission to view anything in that project.

Project Name:

Name your Project based on your team or product. Use a name that others would understand.

Adding Services To The Portal



- From the Portal homepage, click Providers



intuit. Services Portal



About

Cookbook

Find a Project

My Stuff

Providers

- Then click the “Register” link

Service Providers, *Start Here*

If you have a service to share with the rest of Intuit, you're in the right place.



Have an idea for a service?

[Register](#) it on the Services Portal. Let everyone know what you intend to develop.

Adding Services To The Portal



● Fill out the form

A screenshot of the Intuit Services Portal header. It features the 'intuit. Services Portal' logo on the left, a search bar with the placeholder text 'Find a service or API...' and a magnifying glass icon on the right, and links for 'About' and 'Cookbo' on the far right.

Tell us about your service

This is the first step toward publishing your service on the portal!

Once you add your service it will appear in the Portal immediately. We'll help you with the next steps to make it awesome!

Service Name:

Is this service related to an existing project?

Associating with an existing project will inherit the same team members for this service.

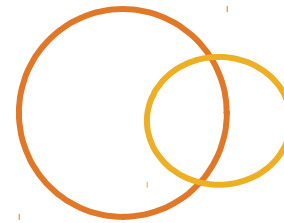
 ▼

Select your project here

Asset Alias (aka OfferingId): ⓘ

A unique identifier for your service, generated from company name, project name, domain, and client name.

Portal Features



After creation various edit options allow preparing documentation in the Portal



Publish Your Service: (make your service available for others to consume)

TASK	EST. TIME	WHEN	STATUS
Publish your service on the Services Portal	Done!	Done!	● Complete



Create Technical Documentation: (enables “Learn” button)

TASK	EST. TIME	WHEN	STATUS
Create Service documentation (enable pop-ups)	1-5 days	As you're building	● Not Started ▼
Make Documentation Public	1 Minute	Documentation ready	On - Off



Create Swagger Interactive Playground: (enables “Try It” button)

TASK	EST. TIME	WHEN	STATUS
Set up Swagger and Annotate Code	1-5 days	As you're building	● Not Started ▼
Enter Swagger URL in Services Portal	1 Minute	After Swagger setup	● Not Started



Get Behind the Services Gateway: (enables “Onboard” button)

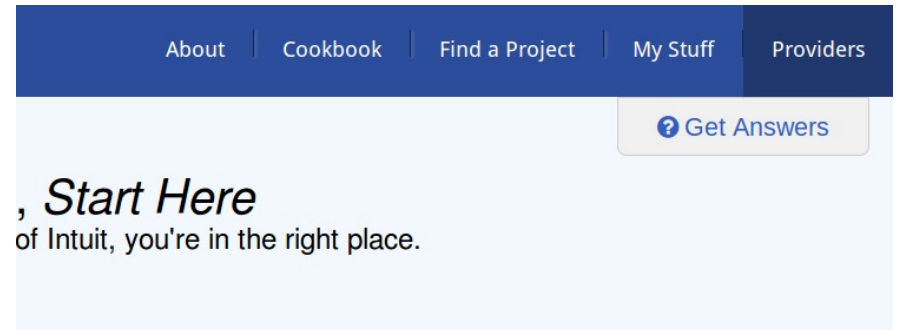
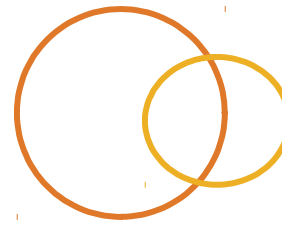
Learning Portal Features



- ◉ You can experiment with Portal features to learn about the process of creating and publishing your services' documents, Swagger playgrounds, etc. by using the e2e environment:
- ◉ <https://devinternal-e2e.intuit.com/>
- ◉ ***Do not*** create “test” projects on the main Portal, there's no “delete service” facility at this time

The Gateway

Learn more about the gateway's services
from this link



a service?
know what you intend to develop.



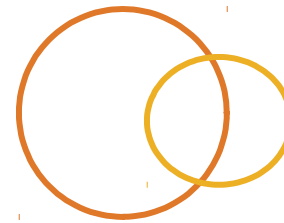
Already deployed your service?

First, [Register](#) your service on the Services Portal so everyone can discover, learn, and onboard to your service.

Get user authentication, request authentication, and scalability using the [Services Gateway](#).



Gateway Services

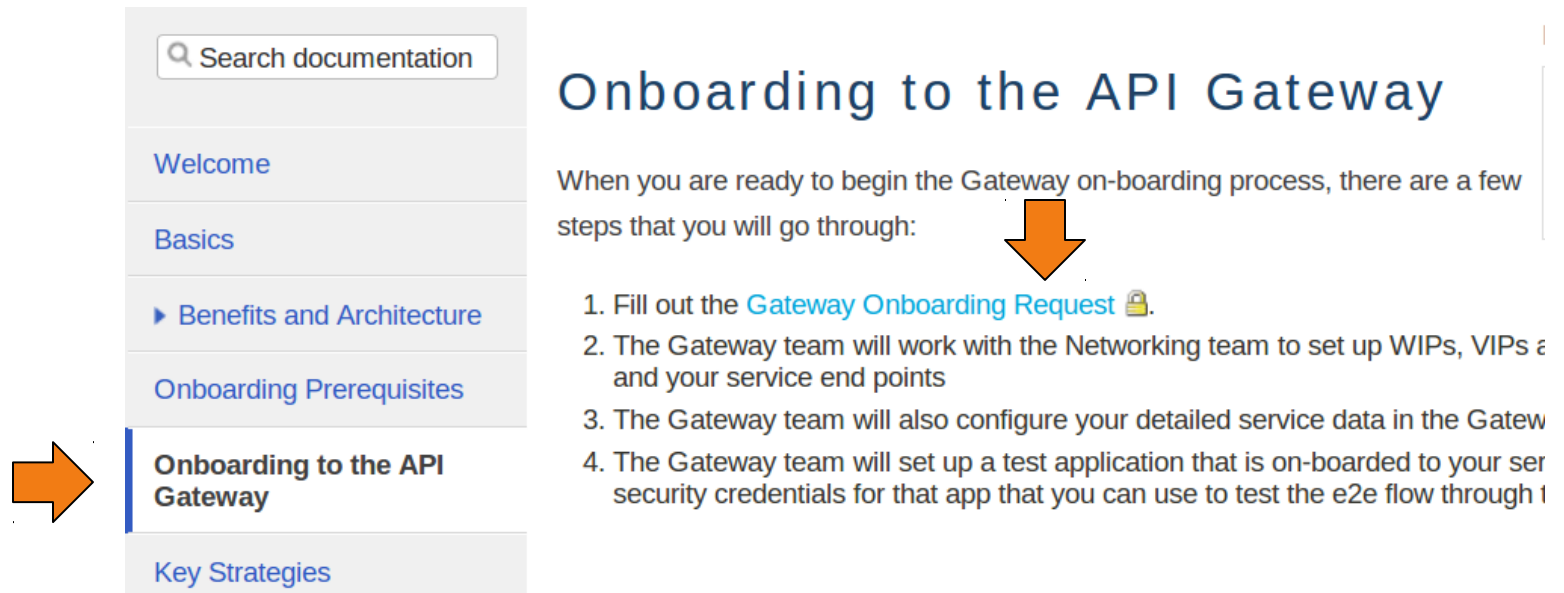


- ◉ Application and user authentication
- ◉ Threat protection
- ◉ Throttling
- ◉ HA/DR and connectivity
- ◉ Support for standards compliance
- ◉ Gateway is not a hosting environment

Onboarding To The Gateway



Then from the resulting Cookbook chapter, find the “Onboarding to the API Gateway” heading, and follow the link to “Gateway Onboarding Request”



The screenshot shows a documentation page for 'Onboarding to the API Gateway'. On the left is a navigation sidebar with a search bar and links for 'Welcome', 'Basics', 'Benefits and Architecture', 'Onboarding Prerequisites', 'Onboarding to the API Gateway' (highlighted with an orange arrow), and 'Key Strategies'. The main content area has the title 'Onboarding to the API Gateway' and a paragraph: 'When you are ready to begin the Gateway on-boarding process, there are a few steps that you will go through:'. Below this is a list of four steps. An orange arrow points from the paragraph to the first step.

Search documentation

Welcome

Basics

► Benefits and Architecture

Onboarding Prerequisites

Onboarding to the API Gateway

Key Strategies

Onboarding to the API Gateway

When you are ready to begin the Gateway on-boarding process, there are a few steps that you will go through:

1. Fill out the [Gateway Onboarding Request](#) 🔒.
2. The Gateway team will work with the Networking team to set up WIPs, VIPs and your service end points
3. The Gateway team will also configure your detailed service data in the Gateway
4. The Gateway team will set up a test application that is on-boarded to your service and security credentials for that app that you can use to test the e2e flow through it

Onboarding To The Gateway



- This leads to a QuickBase page requesting details of your service necessary for onboarding

The screenshot shows the 'API Gateway Onboarding Request' page in the Intuit QuickBase interface. The top navigation bar includes 'My Apps', 'Intuit Network Printers', 'Service Delivery Work', and 'API Gateway Onboarding Request'. Below this is a secondary navigation bar with 'Home', 'GW Onboarding Requests', 'App Onboarding Requests', and 'Contacts'. The main content area is titled 'GW Onboarding Requests' and includes a link to 'Add GW Onboarding Request' and a sub-link for 'REPORTS & CHARTS'. The page contains a list of benefits for onboarding, a list of steps to follow, and a status tracker section. The status tracker shows a list of items with checkboxes, including 'Lean Hosting Scheduled', 'E2E Live', 'Lean Hosting Completed', 'PRF Live', 'Lean Hosting Validation Completed', 'PRD Live', and 'Registry Configuration Completed'. A 'Service Information' section is also visible at the bottom.

intuit. QuickBase

My Apps Intuit Network Printers Service Delivery Work API Gateway Onboarding Request

Home GW Onboarding Requests App Onboarding Requests Contacts

GW Onboarding Requests Add GW Onboarding Request

REPORTS & CHARTS

Do you have a web service that you want to expose to application developers? If so, you are at the right place! Onboarding your service behind the API Gateway provides several benefits:

- App and user authentication/authorization for your service.
- Traffic management of your service to ensure critical apps can access your service when they need to.
- Security threat protection in one place, ensuring you are always protected from the latest threats.
- Monitoring of your service, including configurable alerting mechanisms.
- Automatic failover of your service to a secondary site in case your service is unavailable in its primary data center.

There are several steps to go through before your service can take full advantage of these benefits.

- First, tell us enough about your service to allow us to provision the appropriate networking infrastructure.
- Next, tell us how you would like to control application access to your service.
- After we collect information about your service, there is work that needs to be done to ensure successful onboarding of your service.

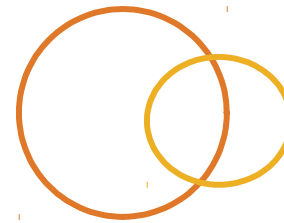
This process may take several weeks to complete, but the work needed from you during this time will be minimal, assuming you have defined a service to onboard. **Please make sure you fill out the form CORRECTLY and COMPLETELY so we can onboard your service on time.**

Status Tracker

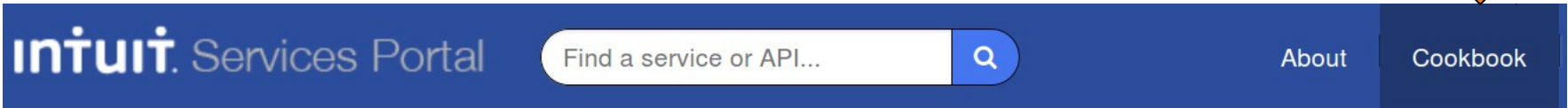
<input type="checkbox"/> Lean Hosting Scheduled	<input type="checkbox"/> E2E Live
<input type="checkbox"/> Lean Hosting Completed	<input type="checkbox"/> PRF Live
<input type="checkbox"/> Lean Hosting Validation Completed	<input type="checkbox"/> PRD Live
<input type="checkbox"/> Registry Configuration Completed	

Service Information

The Cookbook

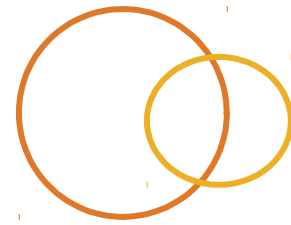


◉ Access via the Portal



- ◉ Listing of established Intuit standards
- ◉ Qualitative explanations of the standards
- ◉ Explanations of how and why the standards may be implemented
- ◉ Code examples, using JAX-RS, conforming to the Intuit standards

The Cookbook



- Much of the Cookbook follows a project lifecycle approach—help on architecture/design, then implementing, documenting, deploying