

SaaS Pre-Built Modules

Tenant Subscription and Invoice Management

Tenant Partition Configuration

SaaS IAM

Roles and Rights Management

Tenant Based Notification

Tenant Workflow

Microservices Platform Modules

Microservices DevOps Portal

Microservices Event Mesh

Microservices Dependency Management

Boiler plate for microservices (NET Core)

Key Features

Tenant Authentication Configuration



- Tenant specific Authentication Configuration
- Federation support for SAML, OAUTH 2.0
- Support for Claims Transformation
- OAUTH2.0 Token Server

User Onboarding



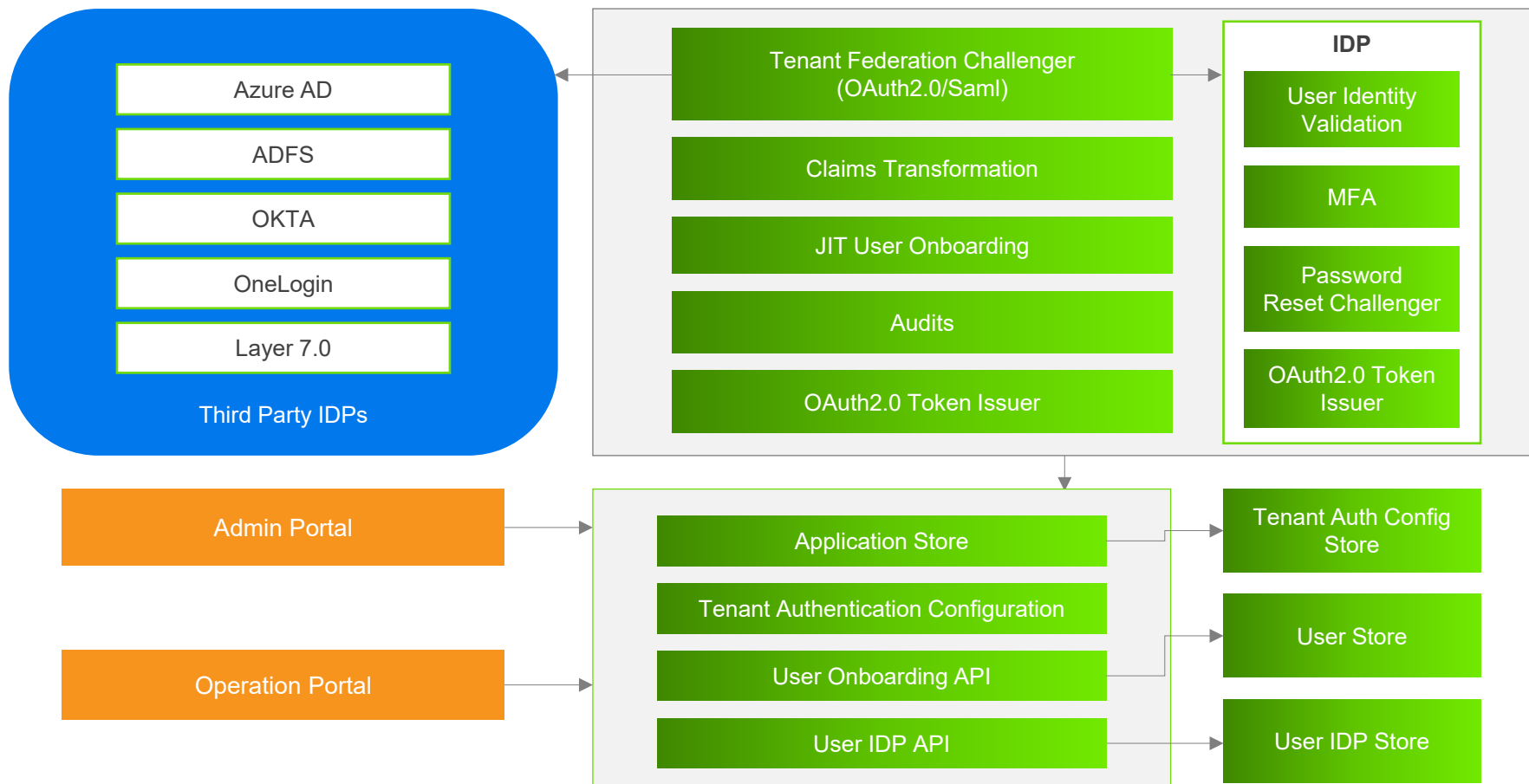
- User Information Management
- JIT User Onboarding
- User Activation workflow and Notifications
- End to End User update Audits

Inbuilt IDP



- User Credential Management
- Password Reset
- Password Expiry
- TFA Support
- OAUTH2.0 Token Server

SaaS IAM Block Diagram



Key Features

Roles and Rights Registry



- Role Management
- Role Hierarchy
- Privilege Management
- Role Privilege Mapping

User Role Management



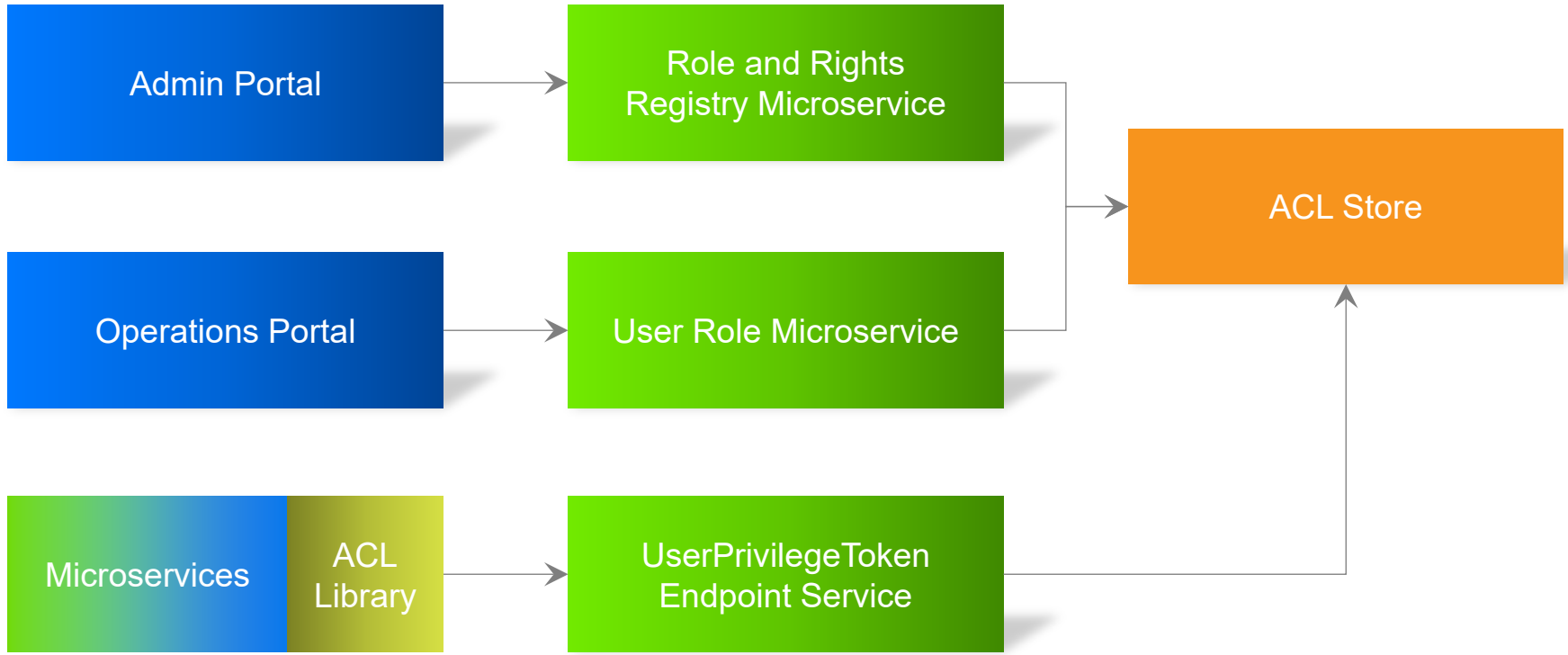
- User Role Tenant Mapping
- Tenant Stratification
- User Role Assignment Notification
- End to End Audit

Privilege Validation



- Privilege Token Service
- Support for Session Tenant
- .NET Route Validation Middleware

Roles and Rights Management



Key Features

Edition Management



- Application Feature Configuration
- Edition Configuration

Tenant Subscription



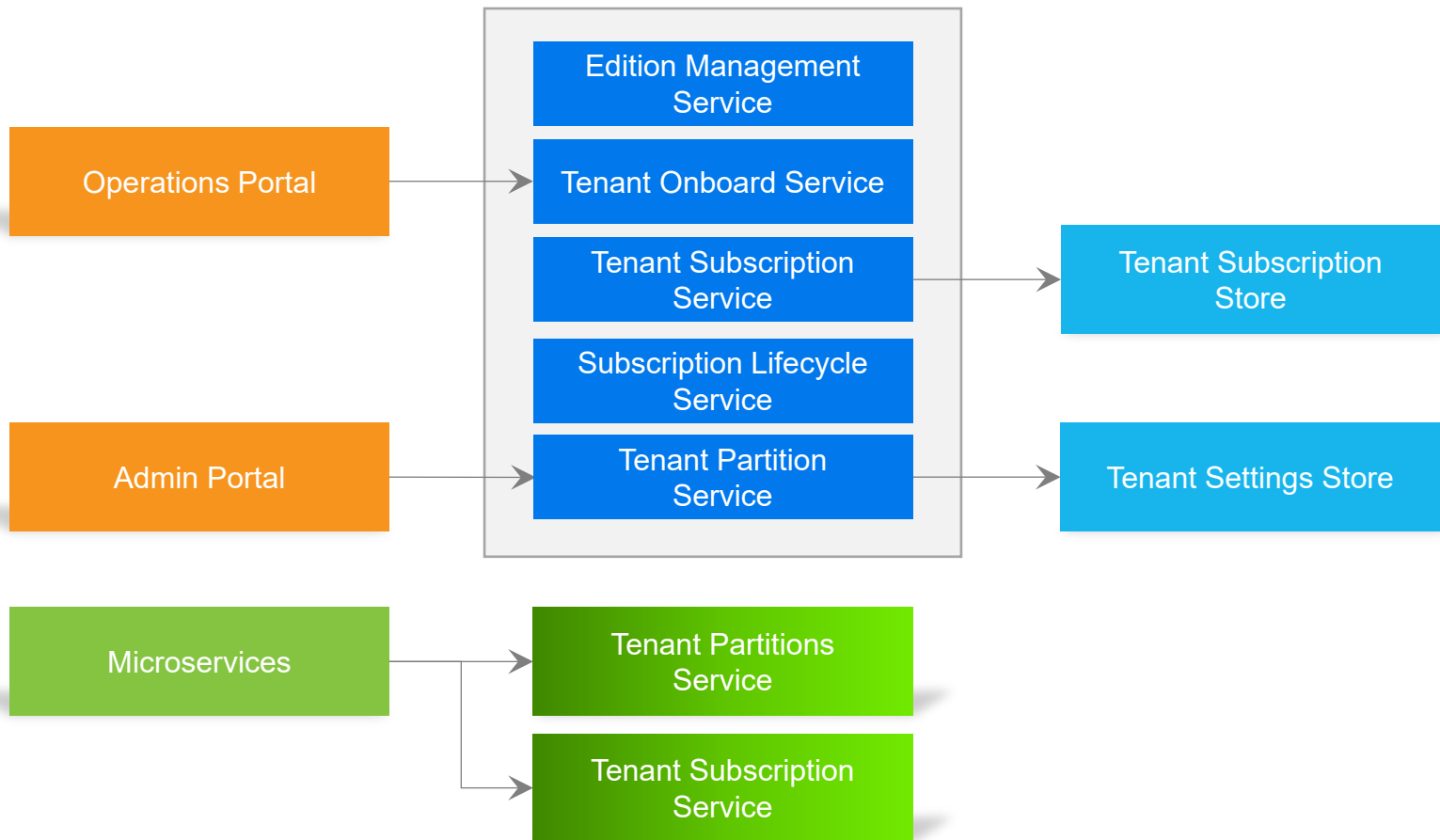
- Onboarding Tenants
- Tenant Activation Notification
- Tenant Edition Subscription Lifecycle Management
- Customer Admin Self Service

Tenant Partition Configuration



- Tenant Partitions Configuration For Single Tenant and Hybrid Isolation
- Tenant Partitions Mapping
- Tenant Partitions Provisioning

Tenant Subscription Management



Key Features

Priceplan Management



- Base price plan configuration
- Line item based price plan configuration
- Package to Priceplan Mapping

Invoice Management



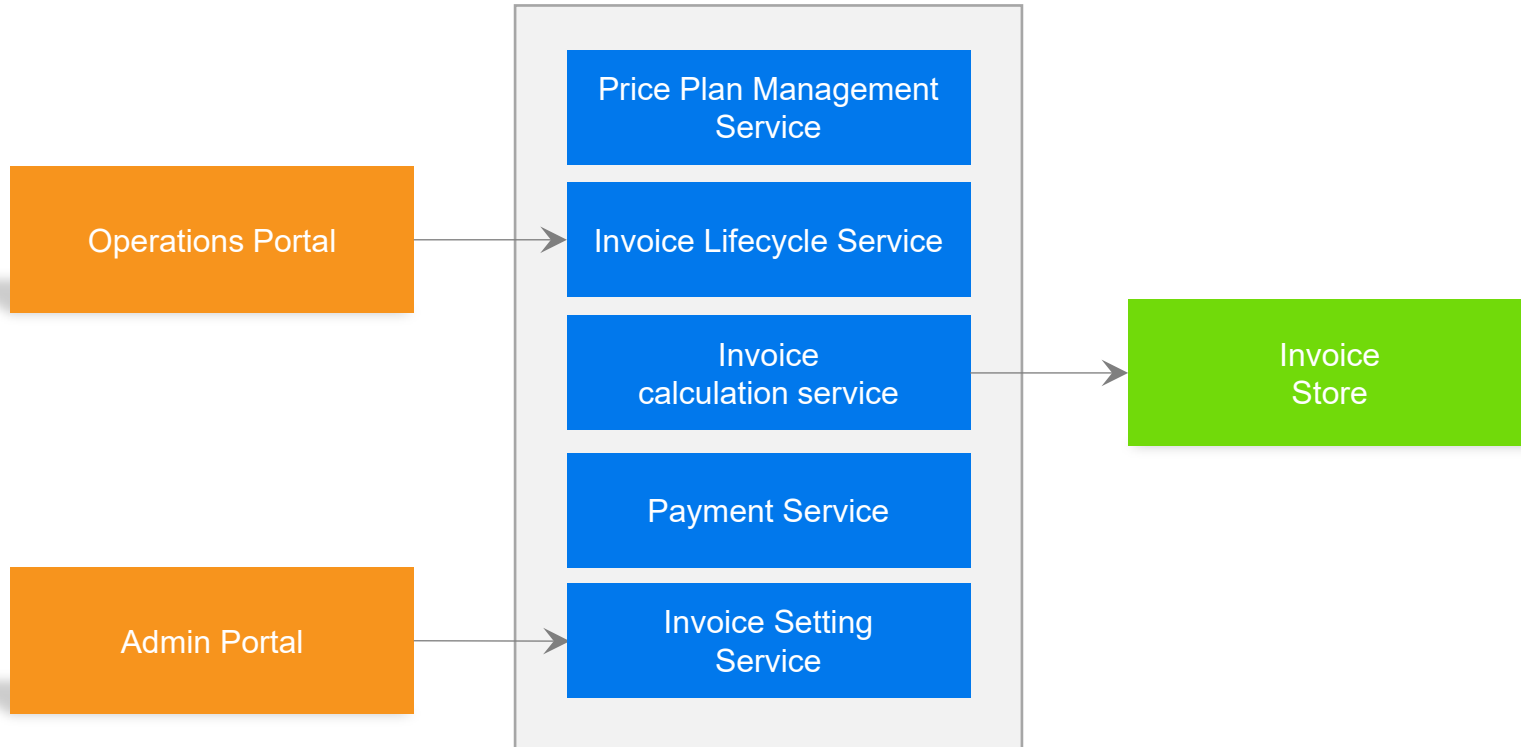
- Invoice Settings
- Invoice calculation
- Auto payment
- Invoice Lifecycle management

Invoice Administration

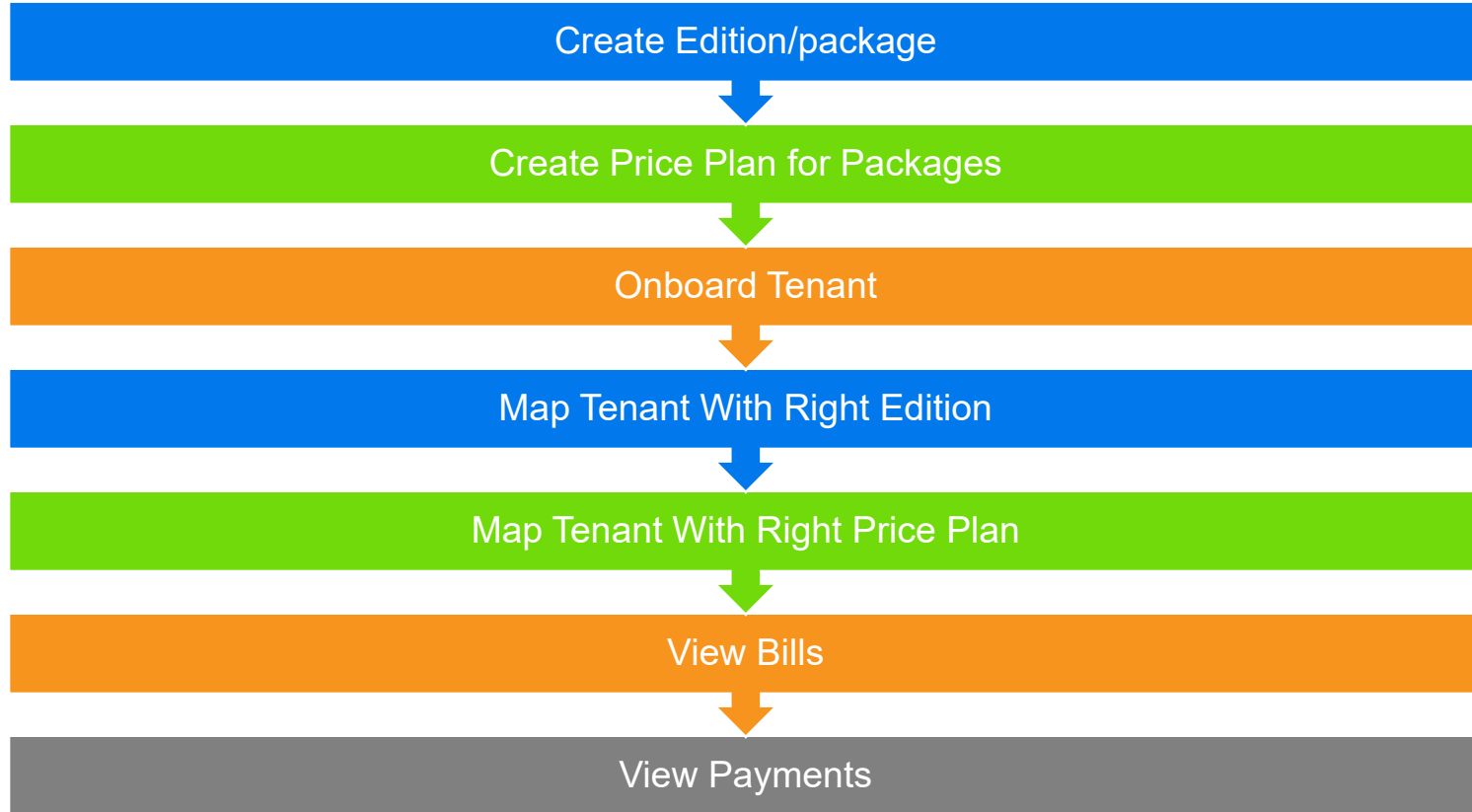


- Invoice Search
- Payment Search

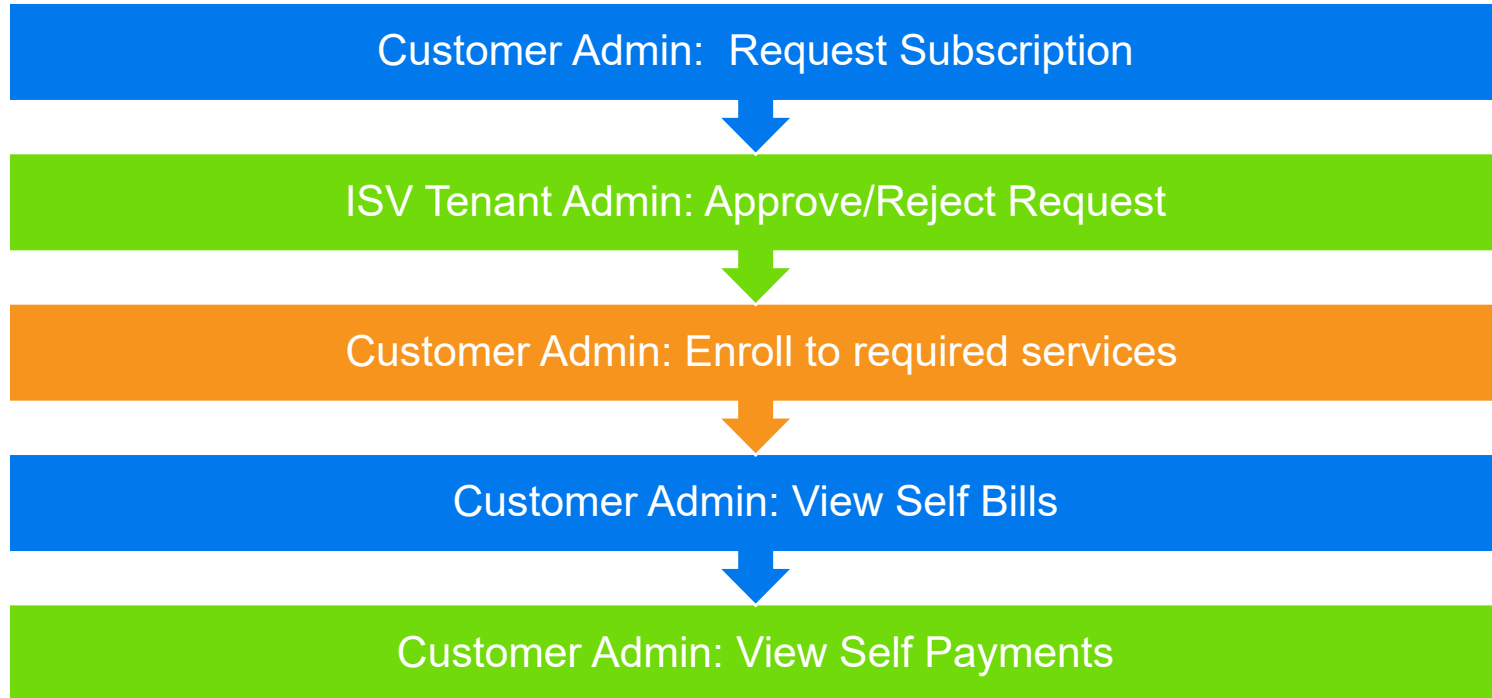
Tenant Invoice Management



Tenant Subscription Process - Admin



Tenant Self Subscription Process





Container Application/
Microservice
Registration

Azure/AWS
Container as a Service
based End to End
OOTB IaC

Azure DevOps/Jenkins
Standard Build +
Release Yaml

Cluster and
Microservice
Specific Cost Explorer

Containers/Microservice
Centric
Devops Portal

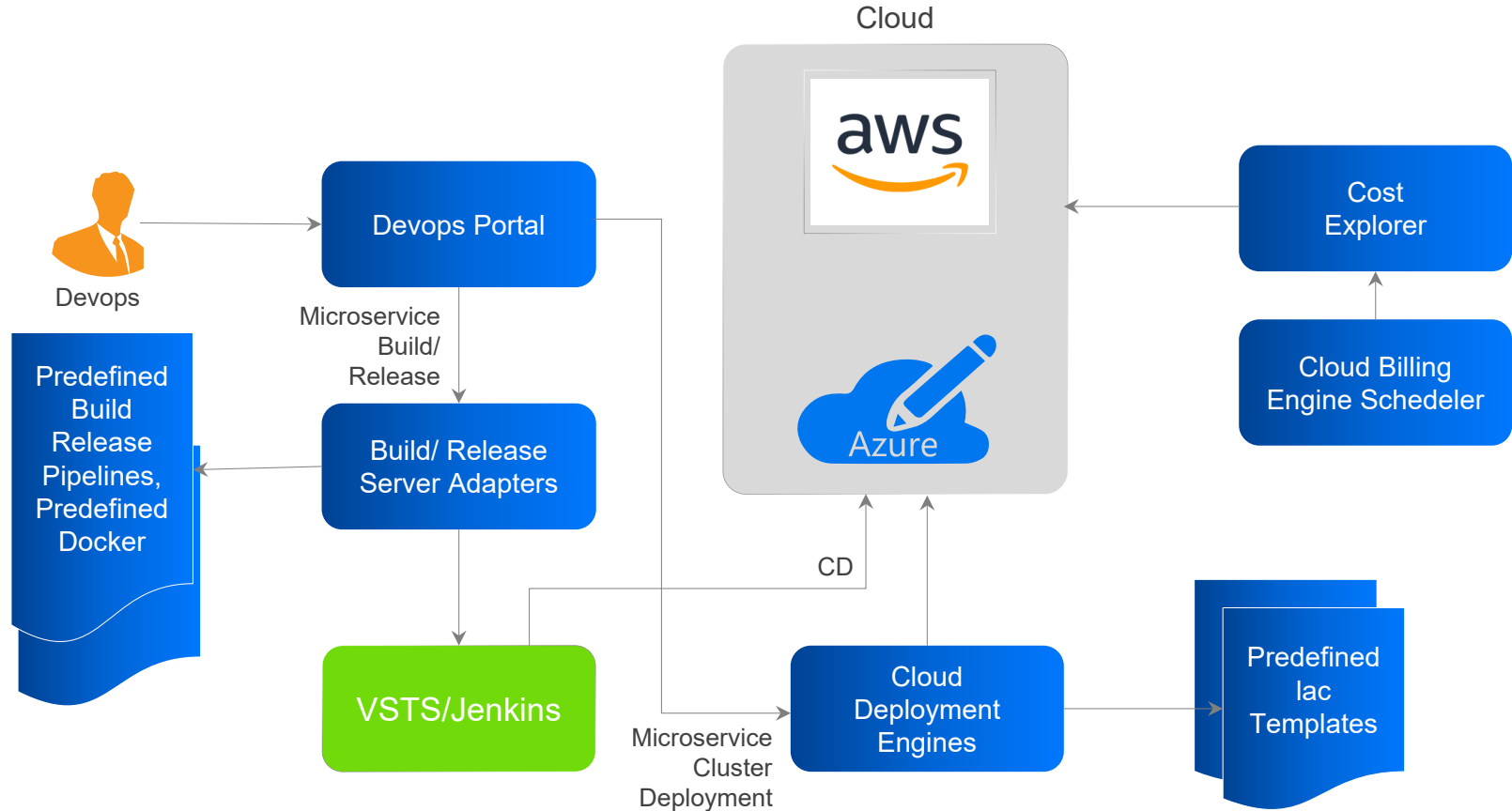
Build , Code
Analysis,
Report Environment
Creation

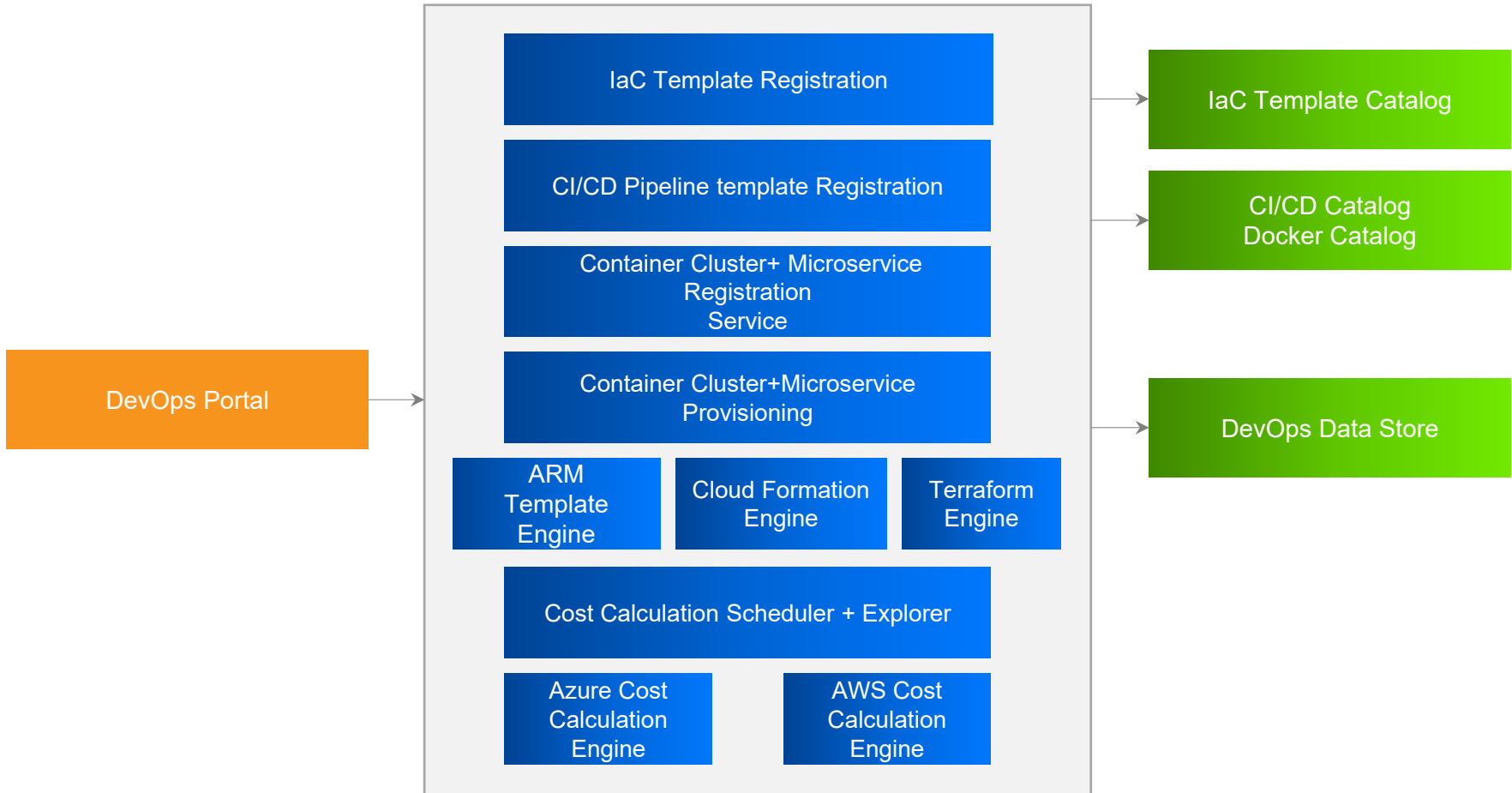
Template Catalog
Docker Catalog

Container,
Microservice
Deployment
Management

Microservice CI/CD
Management

Cost Management





DevOps Portal Process



DevOps Architect

Deploy DevOps Portal with Prebuilt ARM templates with runbooks, CI/CD pipeline code, config

Modify the ARM templates as per need and create versions

Modify the CI/CD profile as per need and create versions

For each Microservice -

Provision clusters using preconfigured templates

Provision microservices within cluster

Download pipeline configuration for microservice profiles and setup CI/CD

Project stakeholders - View costs



Developer, DevOps Eng



Stakeholders

Key Features

Microservice Saga Registry



- Central Pane for Saga Configuration
- One Source of Truth for Sagas across various microservices
- Environment Provisioning for Event Pub/Sub in AWS, Azure

Saga Proxy



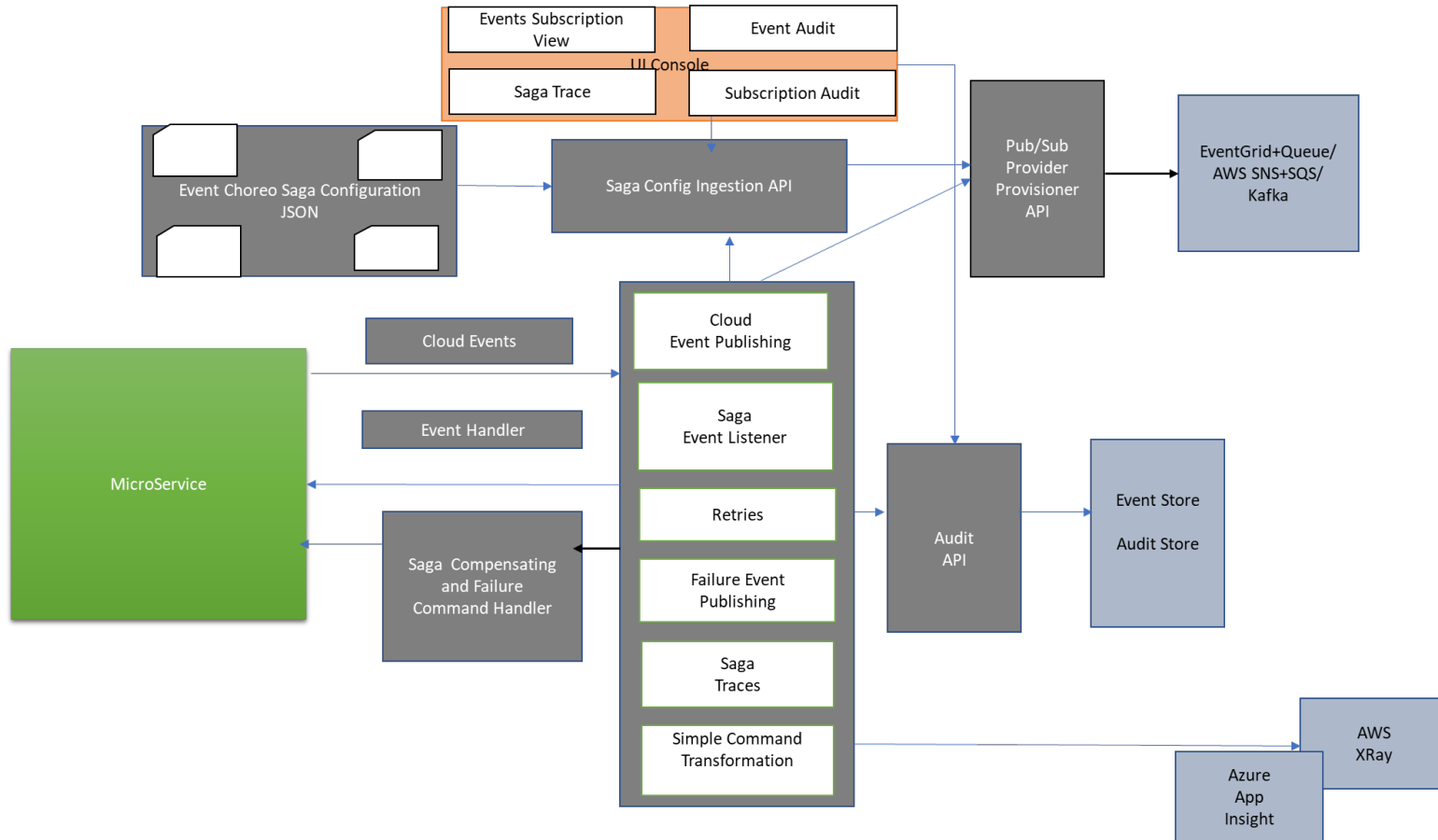
- Sidecar for handling Saga events and Subscriptions
- AWS and Azure Cloud Providers
- Automatic Failure Handling and Failure Event Propagation
- End to End Tracing

Saga Flow Visualization



- Visualize Audits for Events
- Visualize Trace for Saga

Saga Mesh



Key Features

API and Event Spec Management



- Central Portal For Managing API and Event Spec
- Version History with granular spec changes

API and Event Dependency Spec



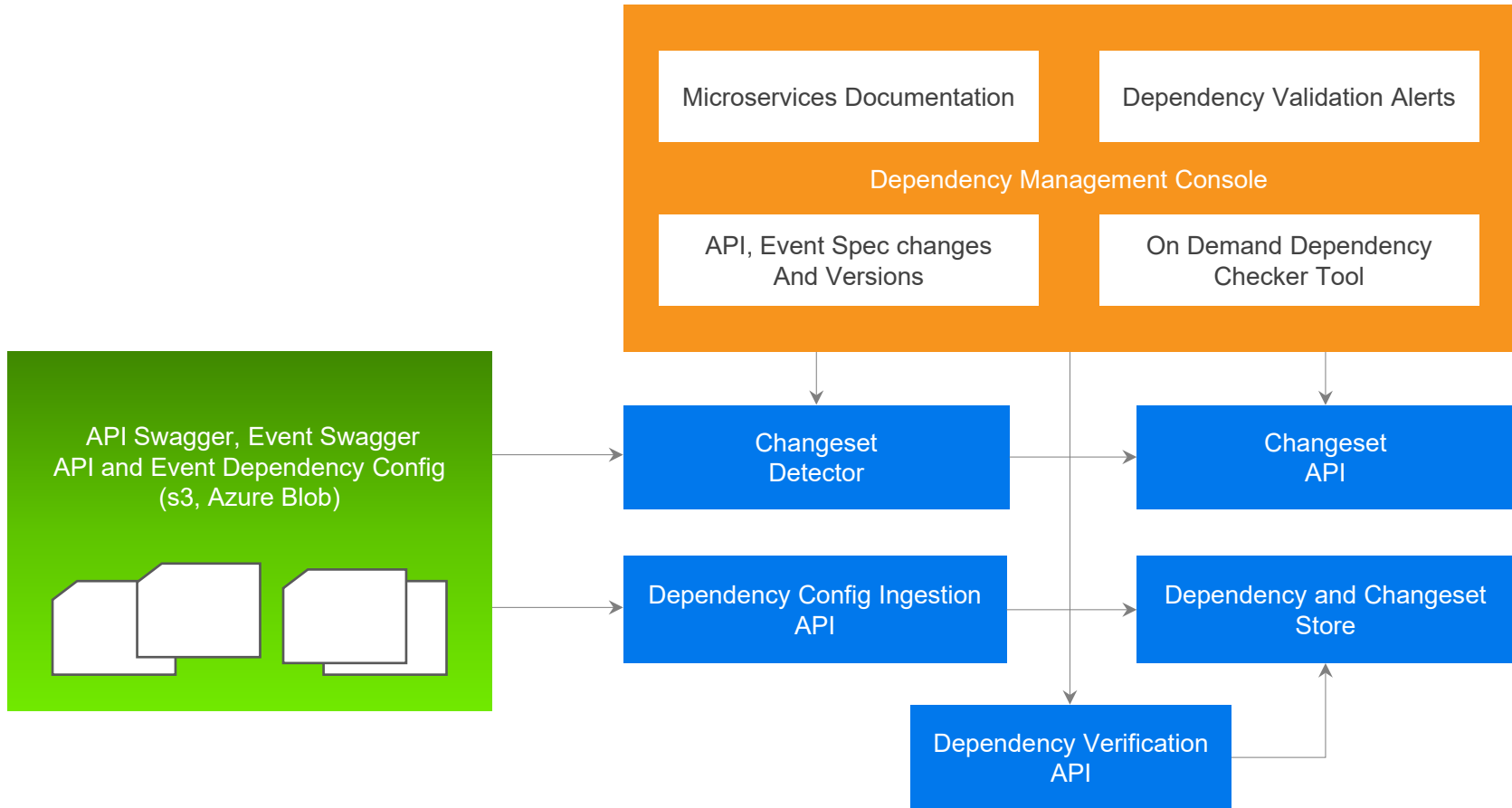
- Central Portal For Managing API and Event Dependency Specs by environment
- Centralized visualization for dependencies
- Alerts for Breaking changes

Dependency Validation



- Validation service for validating the dependency integrity of an environment

Microservice Dependency Management



Thank You



attention.
always.

