

# Cloud Lego with Kyma



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# Agenda

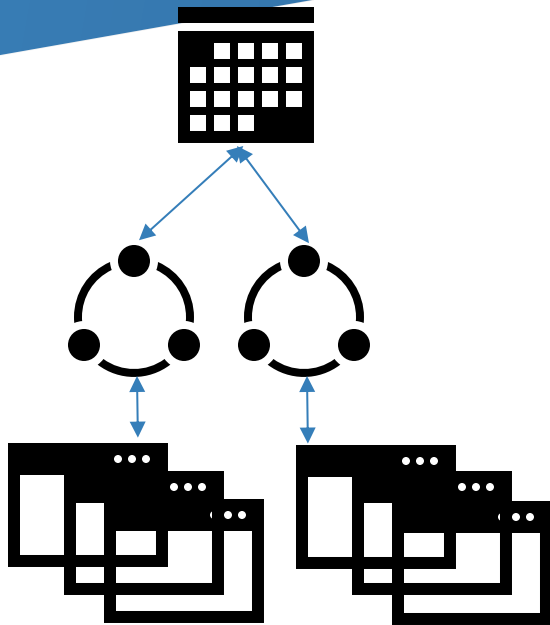
- Open Service Broker API
- Service catalog as a concept
- Introduction to Kyma
- Demo

# A few words about myself

- 8 years in Nokia
- Worked in telco research (VoIP, MIMO), QA, Technical Support and Development
- Currently working on development of Nokia AVA ecosystem, specifically k8s as a service

# Open Service Broker API

# Overview



- **Platform** - Platforms interact with Service Brokers to provision, and manage, Service Instances and Service Bindings
- **Service broker** - Service Brokers manage the lifecycle of Services
- **Service Instance** - An instantiation of a Service Offering and Service Plan

# Binding

- Credentials
- Log Drain
- Route Services
- Volume Services

# Service catalog

# Idea behind service catalog

- Portfolio
- Self-service
- Consuming oriented
- Service composition
- Delivery of services, CI/CD



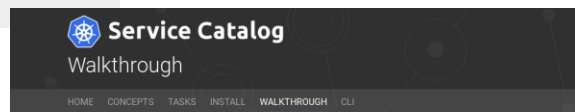
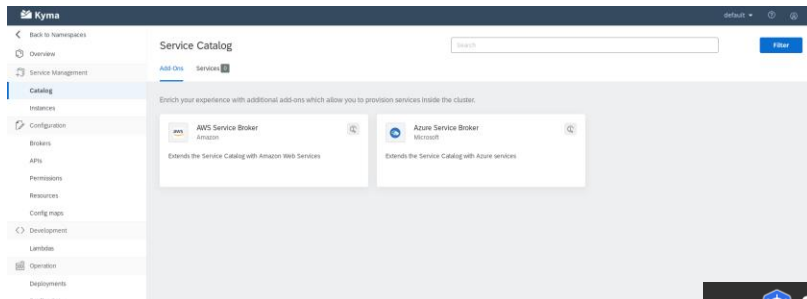
# Service catalog examples

The screenshot displays the AWS Service Catalog console, which is a centralized hub for managing and provisioning services across different AWS accounts and regions. The interface is organized into several sections:

- Navigation and Search:** At the top, there's a search bar and filters for "Policy", "Operating System", and "Publisher". A left-hand navigation pane lists various service categories like Compute, Storage, and Networking.
- Service Groups:** The main area shows a grid of service groups, each with a title, icon, and brief description. Examples include "AI + Machine Learning", "Compute", "Internet of Things", and "Resource Groups".
- Service Details:** Clicking on a service group leads to a detailed view of that group, showing a list of individual services with their respective icons, names, and descriptions. For instance, the "AI + Machine Learning" group includes services like "Machine Learning service", "Web App Bot", "Cognitive Vision", "Face", and "Text Analytics".
- Additional Resources:** A section on the right provides links to "Getting Started", "AWS Console Mobile App", and "AWS Summit - San Francisco".
- Service Health:** A "Service Health Dashboard" at the bottom indicates the status of various services, showing that all services are currently "operating normally".

The console also features a "Feedback" button at the bottom right, allowing users to provide input on the service catalog's usability and content.

# Service catalog examples



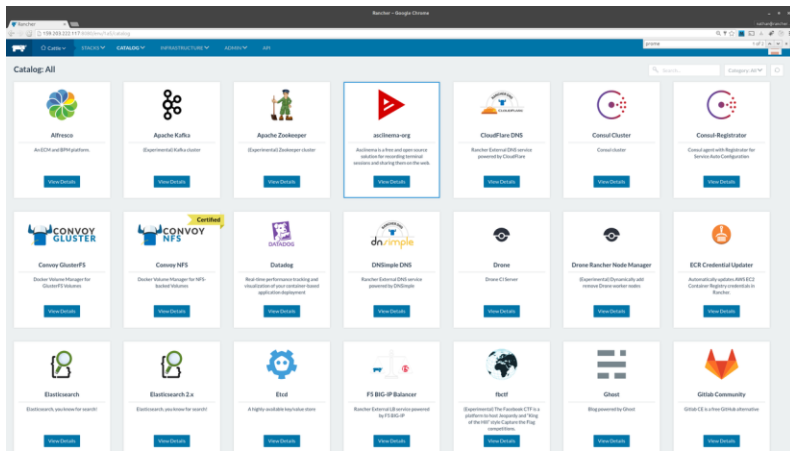
## Walkthrough

This document assumes that you've installed Service Catalog onto your Catalog CLI, svcat. Examples for both svcat and kubectl are provided.

NOTE: Some commands in this document assume internet connectivity.

### Step 1 - Installing the minibroker

# Service catalog examples



# Introduction to Kyma

# What is Kyma?

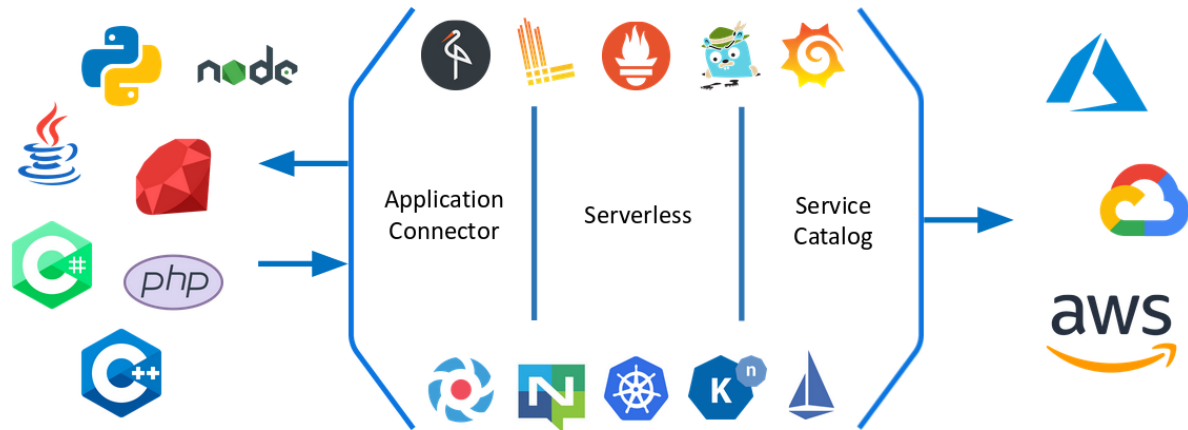


- Service catalog
- Serverless
- Application Connector

# Kyma as a hub

- Abstracting service specific environments
- Tool for moving towards cloud
- Delivery pattern
- Platform

# Kyma architecture



# Kyma installation

- Local dev environment available as minikube
- Available on GCP Marketplace
- Instructions for GKE and AKS
- and others...



The background is a solid blue color with several overlapping, semi-transparent rectangular blocks of varying shades of blue. These blocks are arranged in a way that creates a sense of depth and movement, with some appearing to float above others. The overall effect is a modern, minimalist design.

# DEMO

# Become Kyma contributor

- Request a feature or report a bug  
<https://github.com/kyma-project/kyma/>
- Join the CORE SIG <https://github.com/kyma-project/community/tree/master/sig-and-wg/sig-core>
- Contact the Kyma team directly on Slack  
[slack.kyma-project.io](https://slack.kyma-project.io)

# References

- <https://github.com/m-wcislo/talks> - repo with all the presentations
- <https://github.com/openservicebrokerapi/servicebroker/blob/v2.15/spec.md> - OSBA spec
- <https://github.com/monostream/helmi> - helmi repo

# Thanks!

**Any questions?**

You can find me at:

@m\_wcislo



# Credits

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by [SlidesCarnival](#)
- Photographs by [Unsplash](#)