

Kasna's Infrastructure Exchange (KIX)

Fast tracking your best practice GCP foundation

What is it?

Kasna's Infrastructure Exchange (KIX) is a bootstrapping service for Google Cloud Platform which can be used for learning, development and production. This means that Kasna sets up best-practice, production grade Google Cloud services in the shortest possible time. It can be paired with multi cloud or on-premise solutions and empower self-sufficiency for consuming teams.



Why?

Customers are often challenged either by a slow deployment of Google tenancy or the cost of onboarding a best practice Google tenancy. Stand up or remediation can also be a barrier, preventing extraction of business value by limiting production use cases. Kasna have wrapped extensive knowledge from working in highly regulated environments such as Healthcare and Financial Services on Google cloud to provide an automated approach to create a secure, best practice landing zone in Google cloud in record time. With Kasna, a customer can turn multi-month stand up projects into a low touch deployment.



Secure & Trusted

Incorporate the best known configuration for a given use case. Satisfy Infra & Security teams that the compliant configuration of GCP will be deployed and can be audited. Provide guardrails for deployments to reduce risk of misconfiguration.



Support Product Teams

Provide product teams the ability to deploy without having the need to understand GCP in depth. Provide a consistent approach to both infra and app pipelines. Abstract infrastructure complexity for common use cases such as microservices and data.



Rapid Time to Value

Have a GCP tenancy deployed using best practice in the minimum possible time. Reduce operational cost. Prepare the components required for production use.



Infrastructure Tooling

Deploy an opinionated GCP centric set of tools for day to day operation. Ease the management burden within and across teams through automation and transparency.

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How does it work?



Identity

- Define IAM policies
- Determine structure of the resource hierarchy
- Create projects, until org is mature



Network

- Create networks, subnets, network devices (cloud routers, cloud VPNs and cloud load balancers).
- Maintain firewall rules, unless maintained by security admin.



Security

- Establish policies and constraints for the entire organisation, folders, and projects.
- Establish IAM roles for projects.
- Maintain visibility on logs and resources.



Billing

- Set up a billing account.
- Monitor usage.

Who's it for?

KIX is a product for any business who's looking to deploy a new Google Cloud Platform tenancy, or remediate an existing tenancy to a best practice, production ready state. It works across all industries and is able to be used for highly regulated, sensitive environments.



Why Kasna?

The Kasna team are experienced technology professionals with a passion and commitment to open source and everything Google. Kasna's team members are certified in a range of Google specialisations, including: infrastructure, application development, machine learning/AI and collaboration. The Kasna and Google teams work so closely together that sometimes it feels like we are part of the same company.

Kasna is Australia's premier Google solutions only partner, covering all Google products from the cloud to the end-user device – Kasna lives and breathes Google.

