

Best practices

Best practices for building containers

Learn from a set of best practices for building containers, including packaging one application per container, keeping containers secure, and reducing image size.

(/solutions/best-practices-for-building-containers)

Guidelines for creating scalable clusters

Learn about best practices to ensure cluster scalability.

(/kubernetes-engine/docs/concepts/scalability)

Best practices for enterprise multi-tenancy

Learn the best practices to set up multiple multi-tenant clusters for an enterprise organization.

(/kubernetes-engine/docs/best-practices/enterprise-multitenancy)

Best practices for GKE networking

Learn about best practices for configuring networking options for GKE clusters.

(/kubernetes-engine/docs/best-practices/networking)

Best practices for operating containers

Learn from a set of best practices for making containers easier to operate, including using native logging mechanisms, making your application easy to monitor, and avoiding running as root.

(/solutions/best-practices-for-operating-containers)

Best practices for running cost-effective Kubernetes applications on GKE

Learn the best practices practices for running cost-optimized Kubernetes applications on GKE.

(/solutions/best-practices-for-running-cost-effective-kubernetes-applications-on-gke)

Best practices for upgrading clusters

Learn best practices for keeping your cluster seamlessly up-to-date, and recommendations for creating an upgrade strategy that fits your needs and increases availability and reliability of your environments.

(/kubernetes-engine/docs/best-practices/upgrading-clusters)

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 4.0 License](https://creativecommons.org/licenses/by/4.0/) (<https://creativecommons.org/licenses/by/4.0/>), and code samples are licensed under the [Apache 2.0 License](https://www.apache.org/licenses/LICENSE-2.0) (<https://www.apache.org/licenses/LICENSE-2.0>). For details, see the [Google Developers Site Policies](https://developers.google.com/site-policies) (<https://developers.google.com/site-policies>). Java is a registered trademark of Oracle and/or its affiliates.