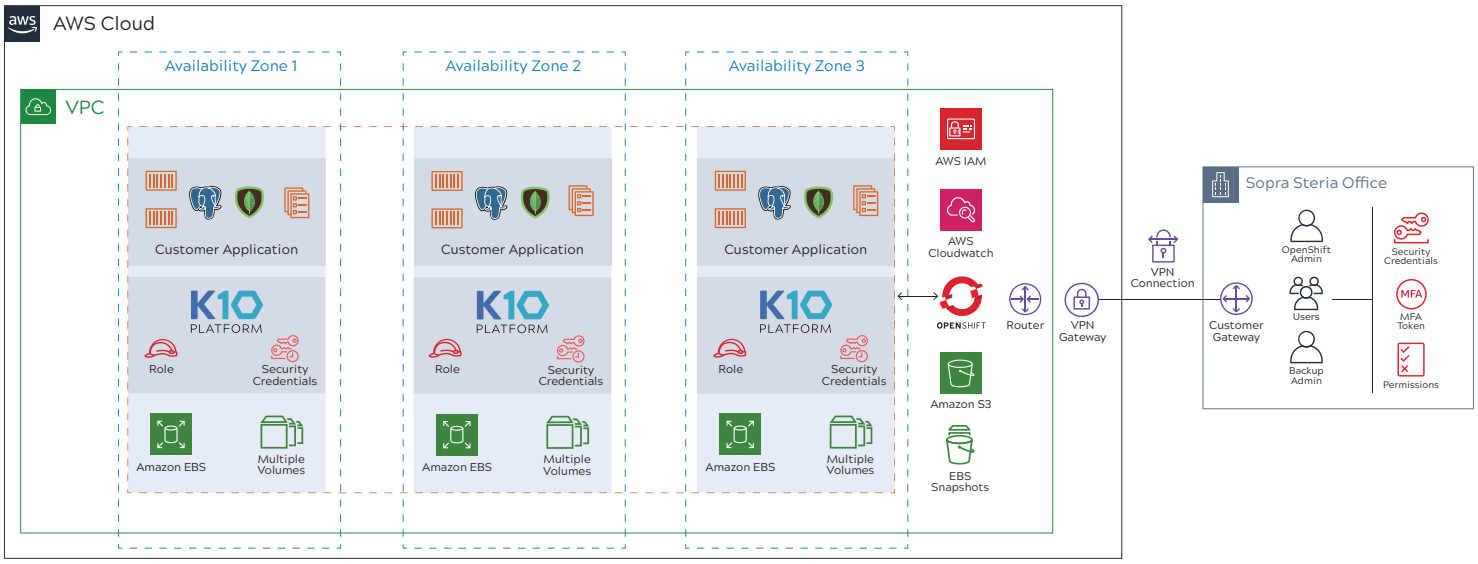
aws

OPENSHIFT




**SOPRA STERIA ARCHITECTURE - KASTEN K10 AND RED HAT OPENSHIFT IN AWS**

## KEY BENEFITS

- **Seamless Integration with Red Hat OpenShift Environments:** K10's deep support for OpenShift features, including DeploymentConfigs and security contexts allows for seamless integration into the customer's OpenShift clusters.
- **Ability to Work with Dynamic Applications without Developer Overhead:** Without requiring any developer changes, K10 auto-discovers applications, adapts to changes, and dynamically maps policies to the current state of the application.
- **Easy-to-Deploy Software-Only Platform:** The software-only K10 data management platform deploys within minutes. It requires no training and or professional services.
- **Policy-Based Backup Workflows:** K10 manages backups at scale through automation and dynamic policies. This avoids the need for custom scripting and allows operations teams to easily create both broad and custom policies for data management compliance.
- **Improved Time to Market:** K10's powerful workflows, low management overhead, advanced web-based user interface, and centralized monitoring support significantly reduces time spent on data management tasks and managing storage infrastructure.
- **Secured Data:** K10 enables the customer to meet data sovereignty requirements. It also provides support for various enterprise security needs including scoped IAM roles, RBAC, air-gapped environments, and end-to-end encryption.
- **Full Application Capture:** The ability of K10 to capture the entire application stack by taking a consistent application-to-infrastructure view is critical for compliance and restore testing.
- **Solution Flexibility:** Developers gain the benefit of policy-based backups by simply applying labels to their applications - K10 then applies the appropriate policies to protect the applications. The solution is also extensible and permits customization of the workflows, for example, to modify DNS settings during restores.

**Contact Us**

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**About Kasten**

Kasten is tackling Day 2 data management challenges to help enterprises confidently run applications on Kubernetes. Kasten K10, a data management platform purpose-built for Kubernetes, provides enterprise operations teams an easy-to-use, scalable, and secure system for backup/restore, disaster recovery, and mobility with unparalleled operational simplicity.