

Integrated Automation for Storage and Kubernetes Clusters

Cloud Native Cluster-as-a-Service

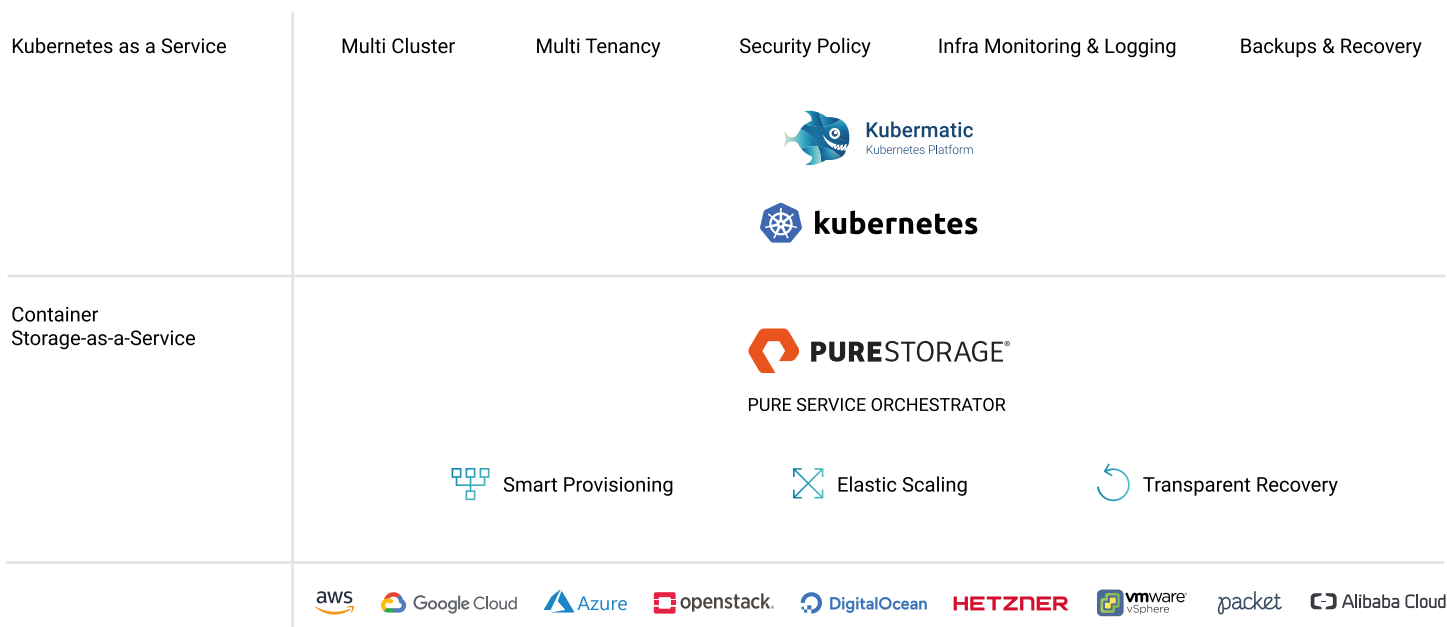
Both storage requirements and container adoption are exploding, but a lack of automation threatens to slow the trend. Now, Kubermatic Kubernetes Platform and Pure Service Orchestrator™ deliver together Kubernetes-as-a-Service and Container Storage-as-a-Service to build a cloud native Cluster-as-a-Service.

The combined Kubermatic and Pure Storage® cloud native solution, enables the deployment and scale-out of microservice-based applications on-demand while meeting the needs of dynamic containerized environments. The agility that enterprises expect from the public cloud is now available for on-premise and multi public cloud deployments.

Kubernetes-as-a-Service

Kubernetes has become the de-facto standard to drive innovation and business value in IT. Kubermatic Kubernetes Platform is a production-proven and Kubernetes certified distribution that allows businesses to manage their workloads – from cloud native microservices to viable legacy applications – with one enterprise-grade platform on any infrastructure. Kubermatic Kubernetes Platform empowers IT teams to centrally manage the global automation of thousands of Kubernetes clusters across multi-cloud, on-prem, and edge environments with unparalleled density and resilience.

With Kubermatic Kubernetes Platform, developers work with the cloud native stack they prefer and have freedom of choice and a consistent experience across all environments. By automating operations, IT teams can focus on writing the next generation of ground-breaking applications, not keeping things up and running. Thanks to its unique Kubernetes-in-Kubernetes architecture, Kubermatic Kubernetes Platform offers unparalleled resilience and density so you can minimize downtime and infrastructure cost.



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Kubermatic Kubernetes Platform is open source and provider neutral. It is sponsored by Kubermatic and maintained by its developers in close collaboration with the community. Kubermatic provides the Enterprise Edition of Kubermatic Kubernetes Platform.

Container Storage-as-a-Service

Pure Service Orchestrator functions as the control plane virtualization layer that enables containerized environments to move away from consuming Storage-as-a-Device to consuming Storage-as-a-Service.

Pure Service Orchestrator integrates seamlessly with Kubermatic Kubernetes Platform, so you can effortlessly deliver persistent storage support for your containerized applications. With its smart provisioning, elastic scaling, and transparent recovery, it's now easy to build microservice-based applications, Platform-as-a-Service on-premises, and a CI/CD pipeline powered by containers.

Pure Service Orchestrator delivers storage on demand by automatically making the best provisioning decision for each storage request. It assesses multiple factors such as performance load, capacity utilization, and the health of your storage system in real-time. Policy-tags allow businesses to make important decisions about their infrastructure – such as assigning dev/test and prod arrays and other topology related information. Pure Service Orchestrator delivers an effortless experience to make provisioning as easy as possible and frees the container admin from writing complex pod definitions. Provisioning storage for containers is now as simple as specifying the desired storage size. That's it. No size specified? No problem. Pure Service Orchestrator will provision for those requests too.

Benefits Of Kubermatic Kubernetes Platform And Pure Service Orchestrator

The combination of Kubermatic Kubernetes Platform and Pure Service Orchestrator empowers enterprises to extend their infrastructure beyond existing scale-up and virtualized applications to support containerized, persistent applications with one combined cloud native Cluster-as-a-Service platform. This helps enterprises to speed up the cloud native transformation within their organization while keeping their focus on application development. Deploy your Kubernetes cluster and store your data anywhere you want within seconds to get started with best-in-class DevOps experience.

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