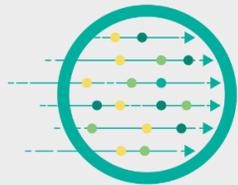


Pivotal Ready Architecture

TRUSTED PURPOSE-BUILT ENTERPRISE-READY PIVOTAL CLOUD-NATIVE APP DEV PLATFORM WITH KUBERNETES BASED ON PROVEN AND MATURE DESIGN TENETS

Pivotal Ready Architecture



Speed

Deploy new code thousands of times a month



Stability + Scalability

Deliver enterprise SLAs and breakthrough operational efficiency



Security

Improve your security posture with built-in capabilities

As organizations accelerate adoption of multi-cloud strategies, they need to simplify the way they build their clouds, so they can focus on building out differentiated applications and services.

Through a collaborative effort with Dell EMC, VMware, and Pivotal, Pivotal Ready Architecture enables enterprises to significantly reduce the costs, risks and time to build their hybrid cloud. It will also allow them to adopt the latest technology being developed by the strategically aligned businesses of Dell Technologies, helping them realize the promise of true hybrid cloud computing at a pace that fits the business.

The best way to run Pivotal Cloud Foundry on-premises

PRA enables enterprises to quickly and reliably create an integrated development platform and provides a variety of deployment options to meet your needs. It is a tested PCF deployment that uses the scalable, hyperconverged VxRail Appliance and VMware vSphere with VMware vSAN and NSX-T. With PRA, you can deploy a production-ready PAS environment or PKS Kubernetes clusters more quickly and reliably than when using a do-it-yourself approach.

The PAS and PKS deployments are designed to meet application operational needs. Dell EMC, VMware and Pivotal Services can help with installing and testing PRA in your IT environment. IT professionals tasked with planning compute, network, and storage capacity can work with Dell EMC Services to determine the resource requirements for each component.

Pivotal Ready Architecture

A reference architecture for a variety of highly available Pivotal software deployments

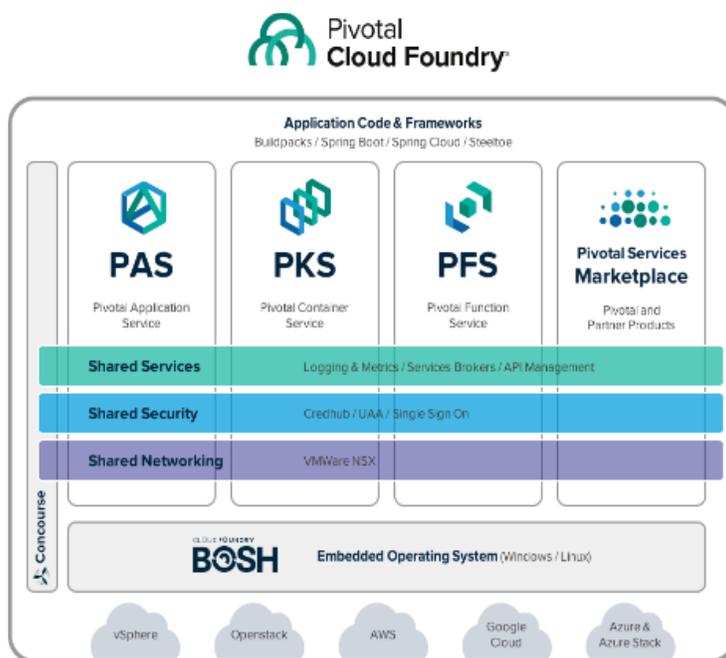
- A private cloud and infrastructure service with simplified deployment
- A highly available platform to develop and quickly deploy applications, reducing the time to application delivery
- A modern developer platform that boosts developer productivity by combining application services, service discovery, container management, and orchestration with an ecosystem of plug-ins for developer tools
- Increased cloud solution portability and agility, because you are not locked into public cloud APIs

- External S3-compatible storage or an internal Web Distributed Authoring and Versioning (WebDAV) server for the Pivotal Application Service (PAS) blobstore

Pivotal Container Service (PKS)

PKS allows application teams to self-serve provision Kubernetes clusters that are fully managed on their behalf, allowing them to focus on the workloads that serve their consumers rather than the substrate needed to run those workloads. The platform is enterprise grade, providing the following capabilities:

- **Production-ready:** Highly available from apps to infrastructure, no single points of failure. Built-in health checks, scaling, auto-healing and rolling upgrades.
- **Fully automated Ops:** Fully automated deploy, scale, patch, upgrade. No downtime. Use CD pipelines to deploy your platform, too.
- **Multicloud infrastructure automation:** BOSH for automated infrastructure provisioning, configuration, operation, and remediation on any cloud or IaaS.
- **GCP access and compatibility:** The GCP Service Broker allows apps to transparently access Google Cloud APIs from anywhere. GKE consistency to easily move workloads to/from Google's Cloud.



Trusted and Mature Cloud-Native Reference Architecture

Pivotal Ready Architecture draws on proven design tenets that leverages over 3 years of collaboration between Pivotal, VMware, and Dell EMC.



[Learn more](#) about Pivotal Ready Architecture



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