



Persistent

Datasheet

# Private Cloud Orchestration Platform





The Persistent Private Cloud Orchestration Platform enables enterprises to build their own dedicated cloud inside the firewall but with no hassle of managing the operations of the cloud or high capital investment in hardware. It is a fully managed cloud option designed, implemented and operated by Persistent experts and offered at public cloud-like consumption based pricing, which means no upfront capital investment. It brings out the best of both options — private cloud under the control of enterprise with public cloud like pricing.

## What is Managed Hybrid Cloud?

It's estimated that over 80% of the enterprises will use hybrid clouds where core workloads run inside their own data centre on a private cloud and some dynamic or unpredictable workload will run on the public clouds when needed. Hybrid clouds provide enterprises to control their infrastructure and implement better compliance methodologies while having a way to network public cloud resources when needed. Hybrid clouds present their own challenges — mainly operations. Building and operating a cloud is no trivial task and slows down the enterprises goals of business transformation.

The Persistent Private Cloud Orchestration Platform provides enterprises the proven technology stack to build a highly scalable cloud. Enterprises can leverage existing infrastructure or purchase private certified hardware appliances for control plane, compute and storage. The solution builds within hours and provides enterprise developers and users to consume the cloud within a day unlike other technology options which require months to install. Persistent fully manages the cloud operations remotely so you don't have any responsibility or require resource to keep the cloud operating.

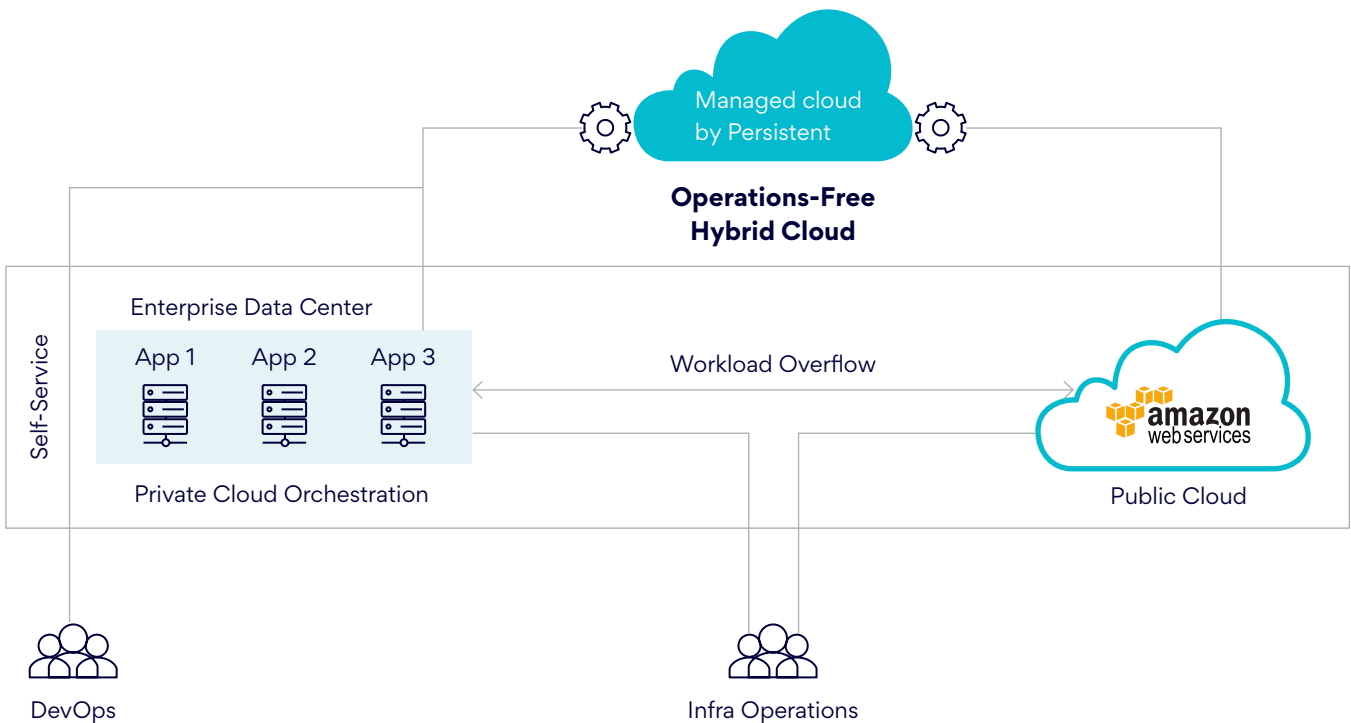
# Build, Operate and Transfer Option

Persistent experts will work with you to determine the capacity and use cases you like to support on hybrid cloud. We design the cloud blueprint and deploy across one or more data centers and implement federation between public clouds such as Amazon AWS.

The Persistent Private Cloud Orchestration Platform is configured to on-board and authenticate users using your existing enterprise Active Directory with additional role based access controls for cloud consumption. Persistent will setup automation to help implement various use-cases and help migrate your workloads to the cloud as desired. We continue to provide

operations support with capabilities to monitor, implement workflow integrations such as ServiceNow to manage events and alerts, provide aggregated log analysis and keep the going. Our 24x7 support will provide your users any technical help they need while getting used to the new cloud environment.

At some point in time, if you decide to take over responsibility of operations, Persistent will train and transition to your internal resources. This may be an optional action since Persistent has capabilities to continue to run your cloud operations.



- \ Comprehensive monitoring
- \ 24 x7 technical support
- \ Upgrade and patch management
- \ Incident management and reporting

- \ Capacity planning
- \ Cloud design and deployment
- \ Compliance
- \ Ongoing security assessment

# What do I get with a fully managed hybrid cloud?

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## Infrastructure-as-a-Service and Storage

- \ Hosted private cloud within your enterprise datacenter or option to use Persistent datacenters
- \ Private Cloud Orchestration: Infrastructure-as-a-service, with option to use software defined storage
- \ Hypervisor of your choice: Use XenServer provided by Persistent or BYOL for VMWare, KVM and Hyper-V
- \ Support for a variety of networking, including Cisco, Juniper and Arista switches



## Fully Private Operations

- \ Remotely managed by team of experts
- \ Highly available. Up time SLA guarantees
- \ 24 x 7 x 365 technical support
- \ Access to monitoring data, aggregated logs and alerts to manage events based workflow



## Hybrid by Design

- \ Easy overflow resources to Amazon AWS
- \ Single pane of glass for workload provisioning across clouds
- \ Role-based access control for users to control cost and compliance



## Consumption Based Pricing

- \ No up-front capital investment: Unique pricing model to pay based on consumption of resources only. Eliminates fixed-cost of infrastructure or leasing
- \ Grow the cost as needed: Capacity planning management

# Why should I choose the Persistent Private Cloud Orchestration Platform

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## Enterprise Grade

Private Cloud Orchestration platform powers some of the world's largest regional clouds and is proven technology to support the scale needed for enterprise workloads. It easily integrates with multiple virtualization technologies including VMware, Hyper-V, KVM, XenServer and storage vendors such as NetApp, EMC, Pure Storage and many others.



## Simple

Build a fully operational cloud within hours. Offload day-to-day operations such as patching, upgrading to us and still get full visibility and control over your infrastructure. Maintain high SLAs and 99.9% of uptime without any operational overheads.



## Compliance

Accommodate compliance and security requirements such as PCI or HIPAA easily without any hassle even if you are scaling your operations to multiple locations.



## Cost Management

Substantial savings with efficiently managed infrastructure. Hybrid cloud offers the flexibility to choose the best of public and private cloud based on workload needs. Also cloud management by experts gives better predictability and optimal utilization of infrastructure.

# Why Persistent?

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## Deep Cloud Expertise

Persistent has developed cloud platform technology and has strong expertise to design, build and operate clouds. No matter what workload or use-case you wish to run on your cloud, we can help develop automation and blueprinting to support all use-cases. We can help you design your hybrid infrastructure and help save cost, provide agility and achieve your transformation goals.



## DevOps Ready Infrastructure

Robust and scalable platform to run Kubernetes cluster deployment and containers. Enable DevOps teams with self-service through REST APIs, UI, CI / CD tools or configuration management tools. Get your infrastructure ready for Infrastructure as-a-code to empower your developers with the tools they need to increase velocity of new releases.



## Public Cloud Federation

Private Cloud Orchestration federates seamlessly with Amazon AWS to offer unlimited capacity on demand. This delivers a un-interrupted experience to users during peak time. The public cloud works just as another zone which helps to achieve data compliance.

## Benefit from our Cloud Expertise

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We can help you build, operate, transfer or optionally transfer cloud to your in-house resources. Persistent will help you accelerate your datacentre transformation, get you ready for DevOps and migrate any workload or develop new cloud-native workload.

### About Persistent

We are a trusted Digital Engineering and Enterprise Modernization partner, combining deep technical expertise and industry experience to help our clients anticipate what's next. Our offerings and proven solutions create a unique competitive advantage for our clients by giving them the power to see beyond and rise above. We work with many industry-leading organizations world-wide including 14 of the 30 most innovative US companies, 80% of the largest banks in the US and India, and numerous innovators across the healthcare ecosystem. Our company fosters a values-driven and people-centric work environment. Our strength of over 22,500+ employees is spread over 18 different countries across the globe.

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