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Journey IN the Cloud – Accenture e Red Hat
L’esperienza per l’innovazione nell’Accenture Cloud Innovation Center
Luca Tiberia – Accenture Cloud Manager
#RedHatOSD

Agenda

- Accenture & Red Hat
  - The Partnership
- Accenture Cloud Innovation Center
  - Overview
  - Use Cases' Service Catalog
  - Focus on Red Hat Use Cases

Accenture & Red Hat Partnership

Red Hat's breadth of **Open Source** to build technology

Innovative Engineering

Application-Driven capabilities builds holistic legacy to cloud capabilities

What redhat brings

What accenture brings

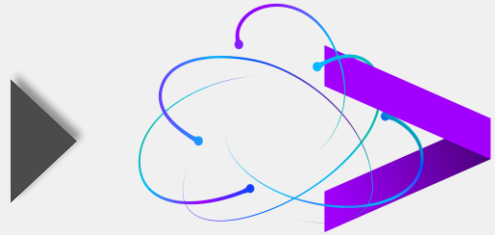
Global Scale, Delivery and **Go To Market** Channels

Skilled Resources across all industries

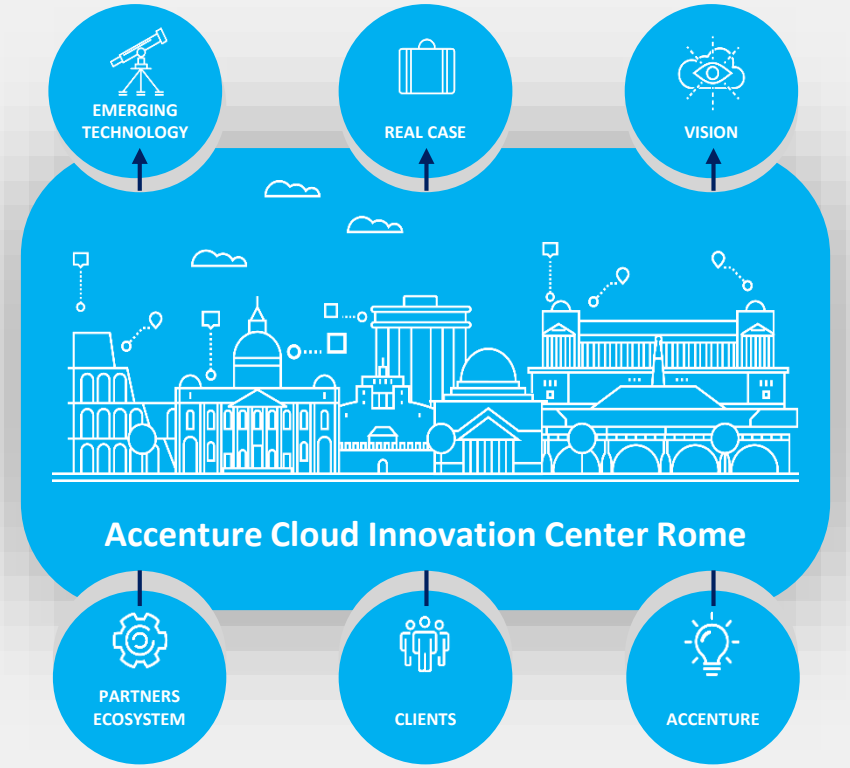
Industry & Enterprise Technology integration and experience

What Accenture's Red Hat Strategy and Architecture brings

Accenture is **Red Hat Global Strategic Partner**, members of a variety of foundations and communities such as Linux, OpenStack, OpenShift, and active Contributor and Sponsor of New Open Source Projects.



Accenture Cloud Innovation Center: What is it?



A CENTER FOR

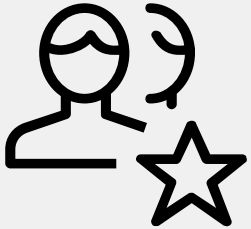
PROTOTYPING INNOVATIVE

CLOUD TECHNOLOGIES

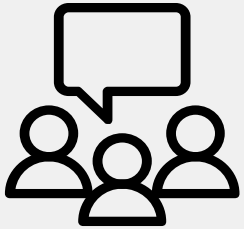
POWERED BY REAL USE CASES

Accenture Cloud Innovation Center: Why?

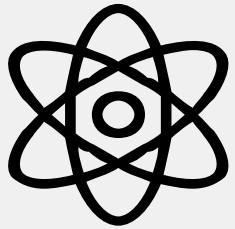
MAKING THE INFRASTRUCTURE ECOSYSTEM WORK



CREATE THE SKILLS OF THE "NEXT NEW"



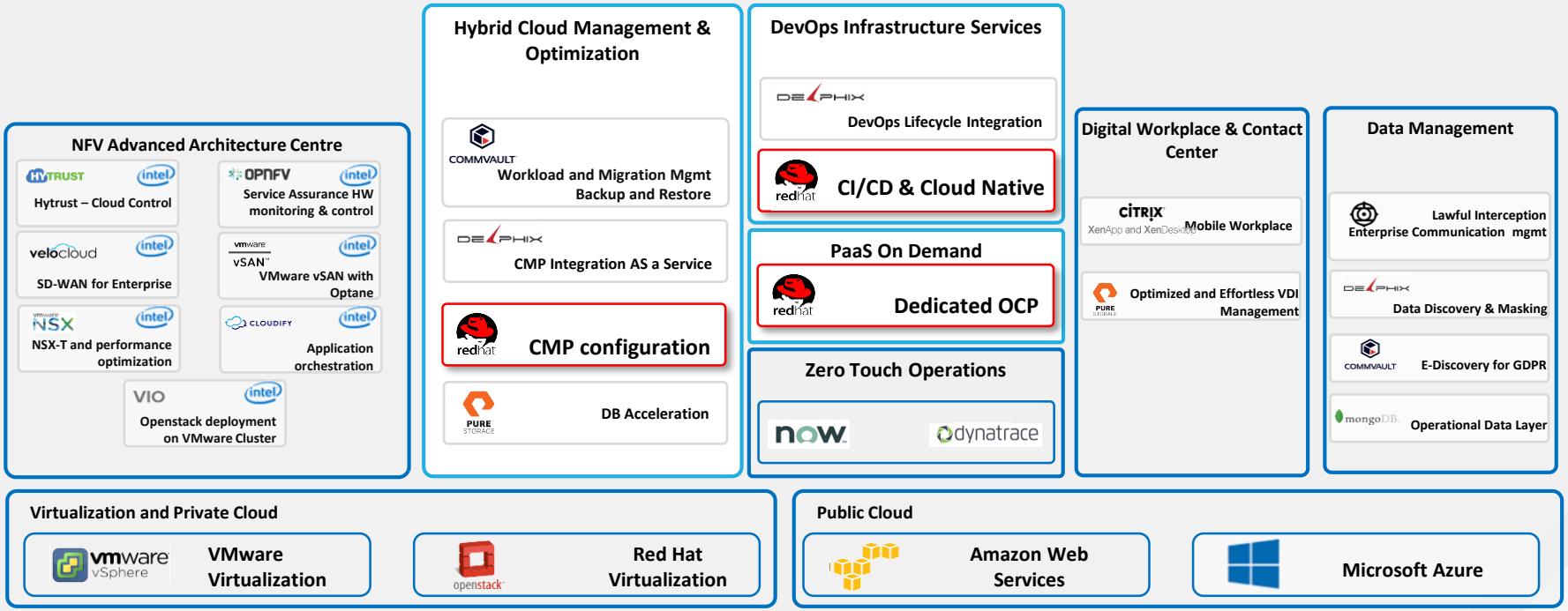
BUILD CONFIDENCE ON CAPABILITIES BY SHOW AND TELL



EXPLORE AND TEST TOMORROW'S EMERGING TECHNOLOGIES

ACIC Roma – Use Cases

Software Ecosystem



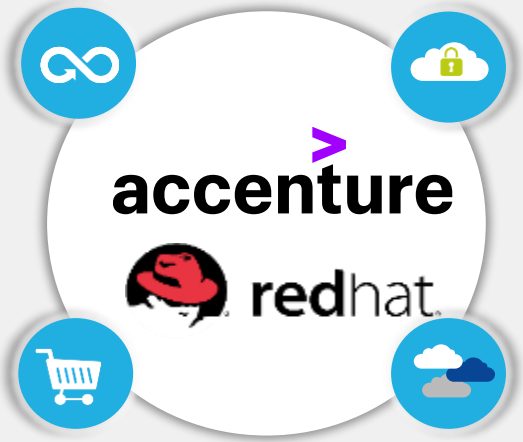
Red Hat focused Use Cases

CI/CD & Cloud Native

Automatic provisioning of dev environments, containerization of tools for software repositories, quality assurance, tasks pipelining and software testing and releases in **Continuous Integration** and **Continuous Delivery** scenarios

PaaS on Demand

Automatic deployment of Openshift on different 'target' with a typical '**infrastructure as code**' implementation using the orchestration capabilities of Cloudforms, Openstack and AWS and the automation engine of Ansible…



Hybrid Cloud Management and Optimization

Multi-cloud management: performance and chargeback reports, service catalogue with complex blueprints, security policies and capacity recommendations, etc.

..and next?

Openstack 13, Container Native Storage, Business Continuity, Disaster Recovery as a Service, Application Modernization, Data Lake with Ceph

#AcicUseCases with Red Hat

RED HAT® CLOUDFORMS

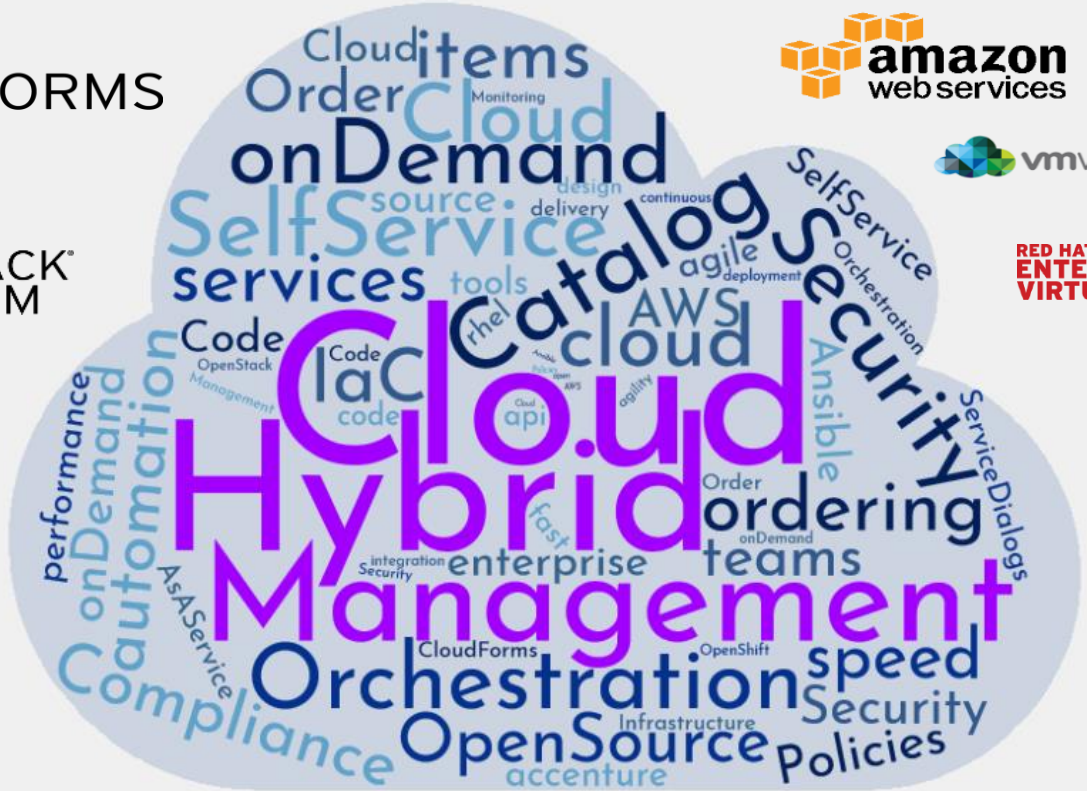
RED HAT® OPENSTACK® PLATFORM

ANSIBLE

amazon web services

vmware

RED HAT® ENTERPRISE VIRTUALIZATION



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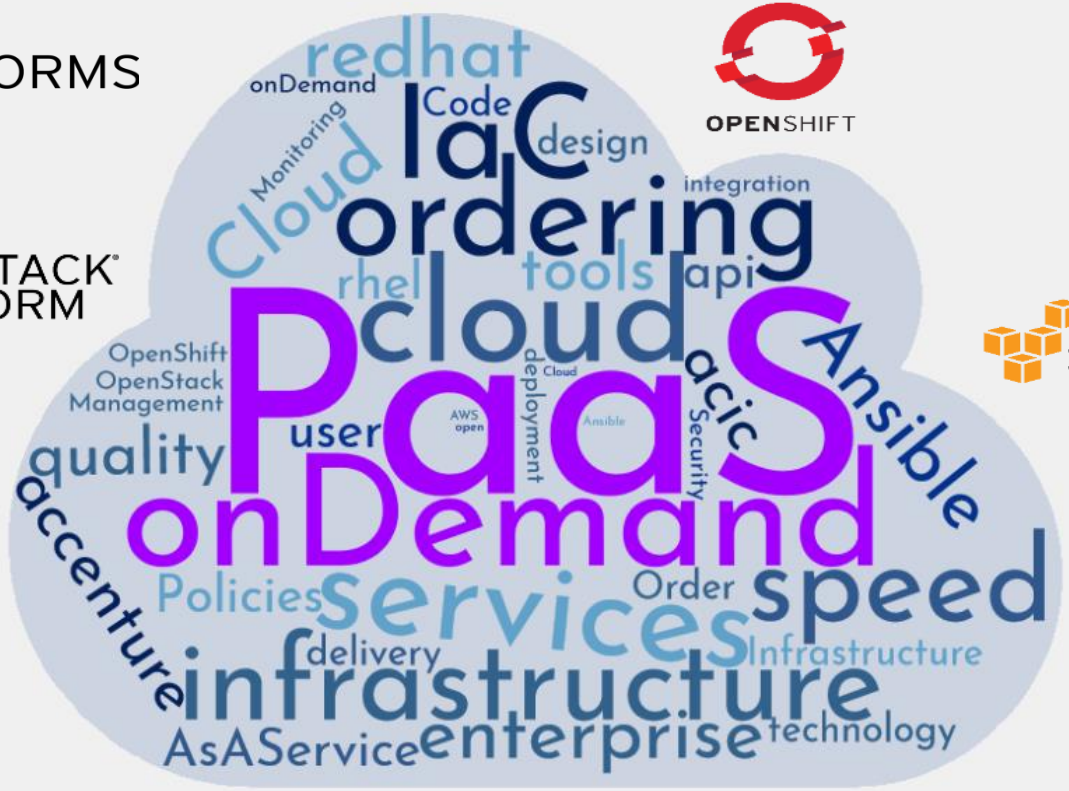
#AcicUseCases with Red Hat

RED HAT® CLOUDFORMS

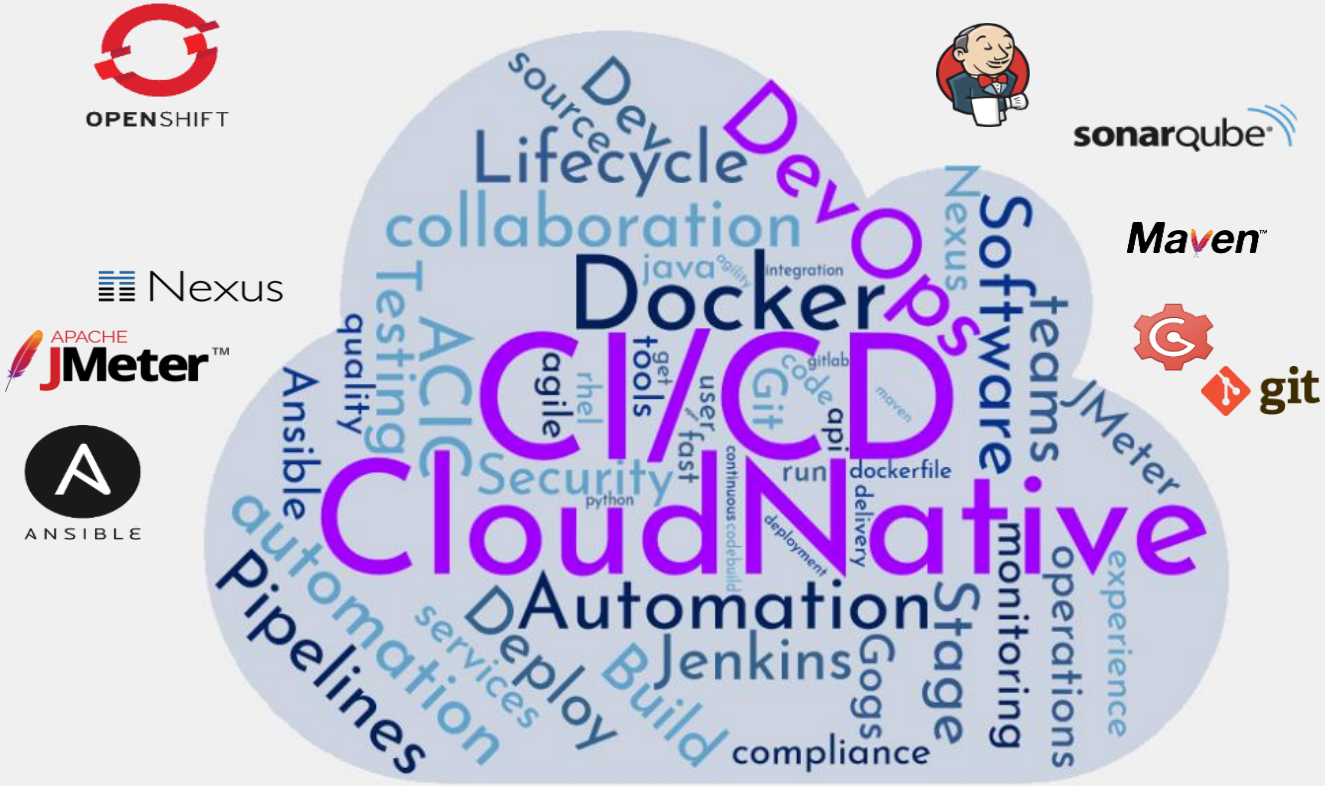
RED HAT® OPENSTACK® PLATFORM



OPENSHIFT

amazon web services

#AcicUseCases with Red Hat



Hybrid Cloud Management and Optimization

Cloud Management Platform

RED HAT CLOUDFORMS

TOWER

Service Catalog

- ✓ Service Discovery and Lifecycle
- ✓ Service Catalogue Navigation and Service Request Configuration (AWS, OpenStack, VMware, …)
- ✓ Order fulfillment and requests tracking
- ✓ ….

Orchestration and Automation

- ✓ N-Tier blueprint provisioning on OpenStack, AWS, VMware, …
- ✓ Horizontal Autoscaling,
- ✓ Complex middleware deployment on Openstack, AWS
- ✓ ….

Metering&Billing

- ✓ Comparative cost reports
- ✓ Multiple Rate card management
- ✓ Hybrid Chargeback
- ✓ ….

Analytics and Predictive Operations

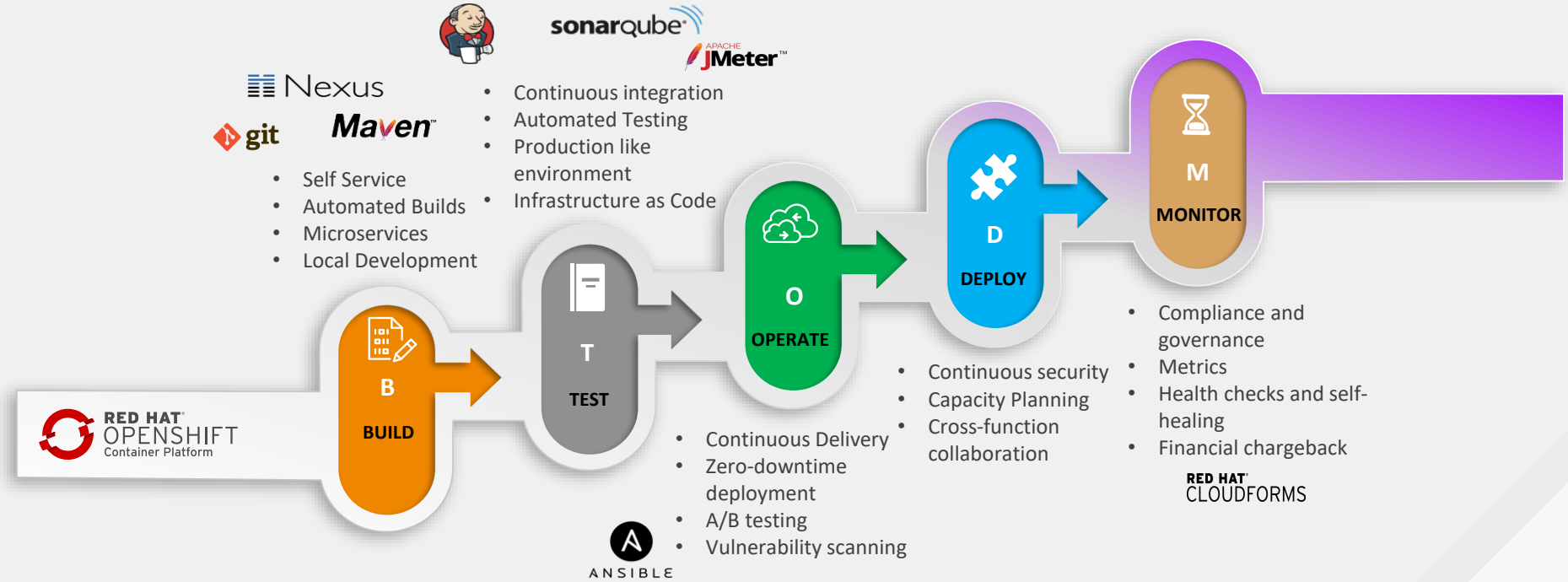
- ✓ Resources consumption monitoring on OpenStack, AWS, VMware
- ✓ Utilization and Trend reports
- ✓ VM configuration Autodiscovery (smartstate analysis)
- ✓ Capacity Management and Optimization (on physical and virtual hosts)
- ✓ ….

Security Management

- ✓ Security Policy Compliance check on OpenStack, AWS, …
- ✓ Drift Analysis
- ✓ ….

CI/CD and Cloud Native

Develop, Deploy, and Manage Containers



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