#RedHatOSD

RED HAT FORUMS

HPE Composable Infrastructure

Software-Defined Infrastructure in action

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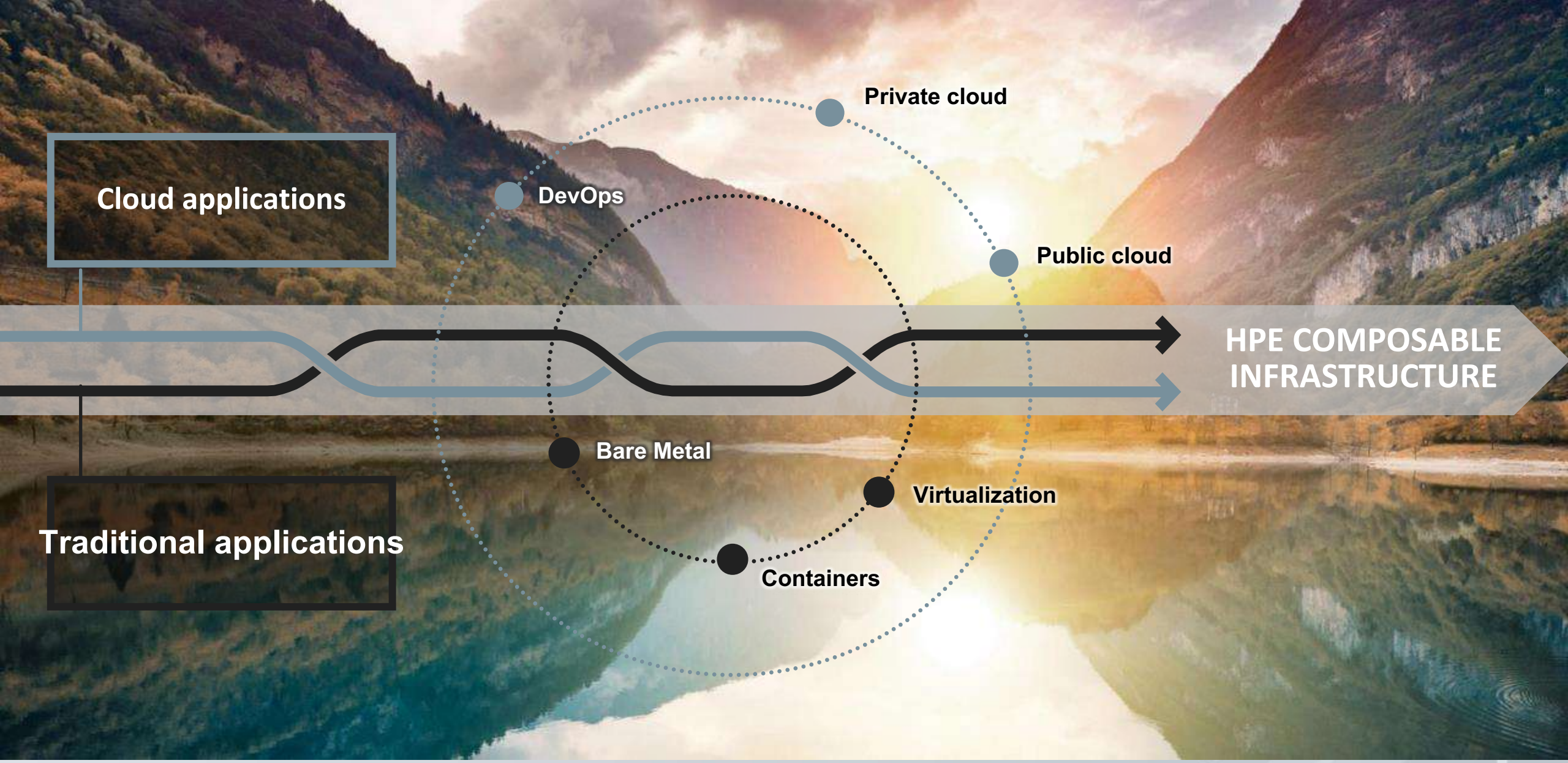
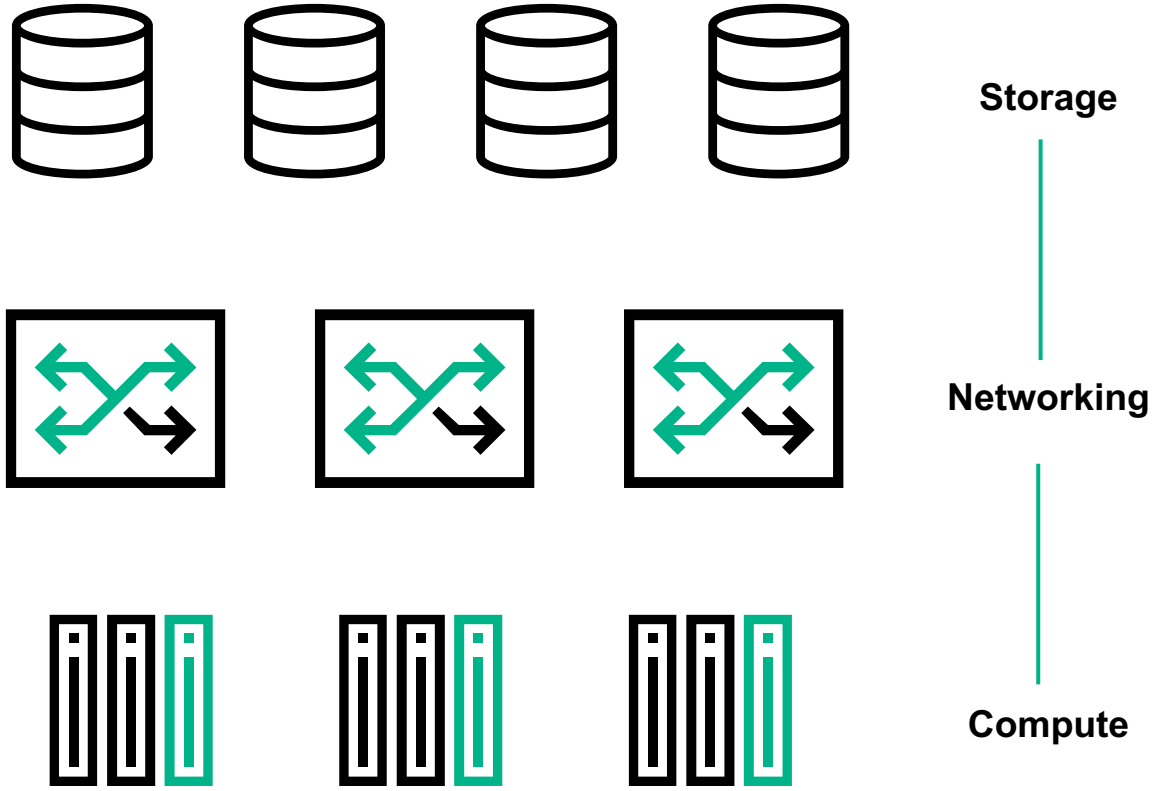
3 December 2019

Red Hat | Hewlett Packard Enterprise


Private cloud
Cloud applications
DevOps
Public cloud
HPE COMPOSABLE INFRASTRUCTURE
Bare Metal
Virtualization
Traditional applications
Containers

1

FLUID RESOURCE POOLS

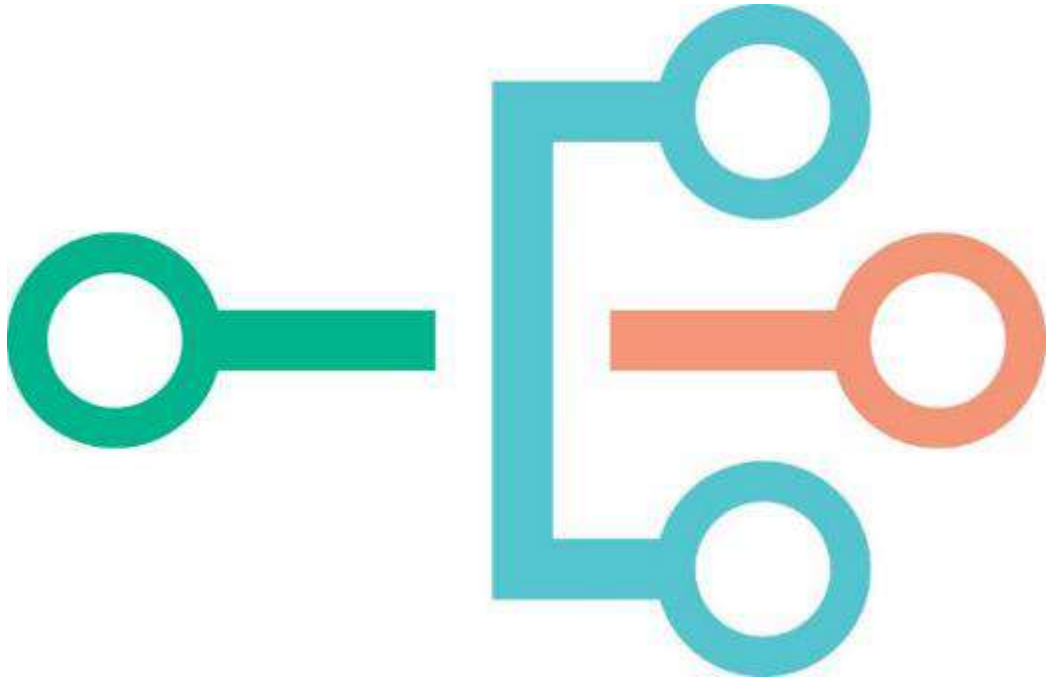


2

SOFTWARE DEFINED INTELLIGENCE

3

UNIFIED API



HPE OneView

Partner Ecosystem

HPE COMPOSABLE PORTFOLIO

HPE Synergy

NEW

HPE Composable Rack

HPE GreenLake

HPE SYNERGY: UNLOCKING VALUE

More than 3,700 customers

EFFICIENCY OF IT INFRASTRUCTURE TEAMS	LOWER COST OF OPERATIONS	PRODUCTIVITY OF APP DEVELOPERS	DEPLOY AT CLOUD-LIKE SPEED AND SCALE
60% MORE	**35%** LOWER	**30%** HIGHER	**71%** LESS TIME

Based on IDC study (FEB 2019): Generating Business Value Through IT Agility Using HPE Synergy

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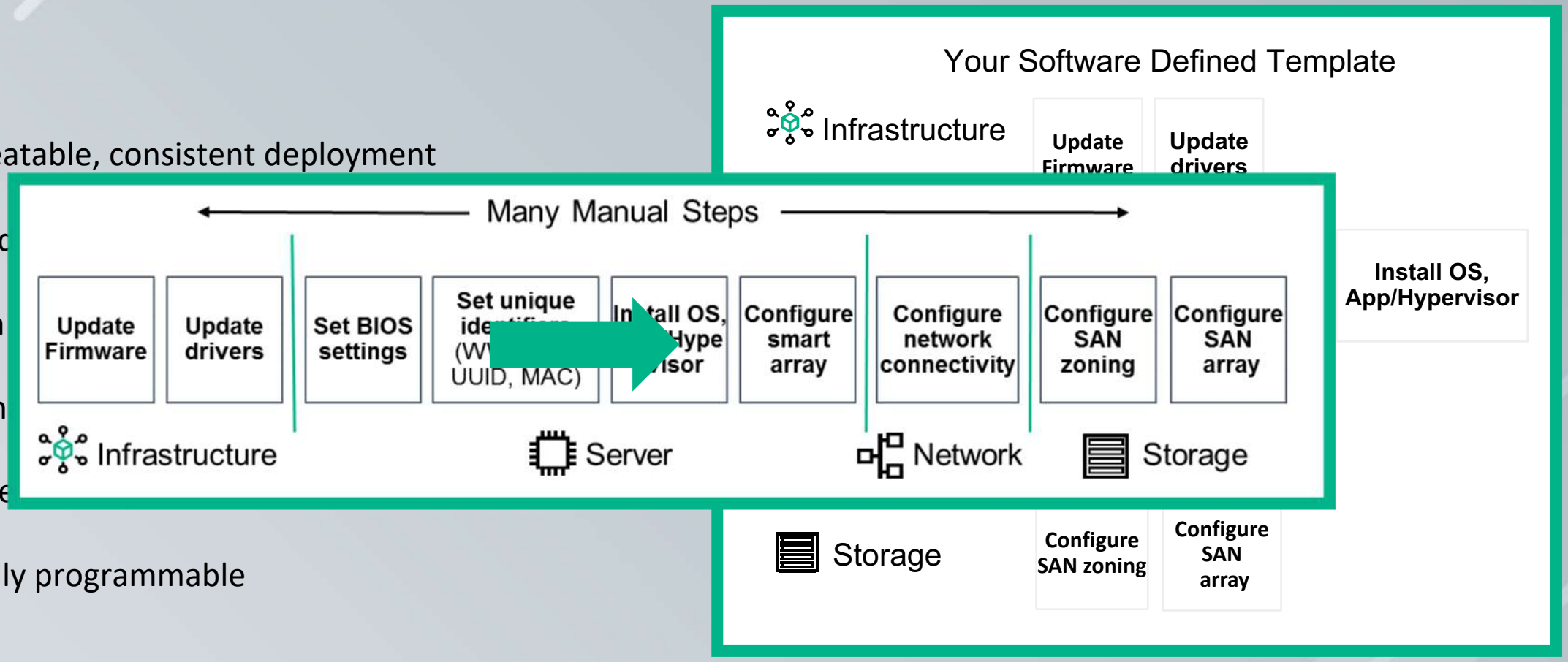
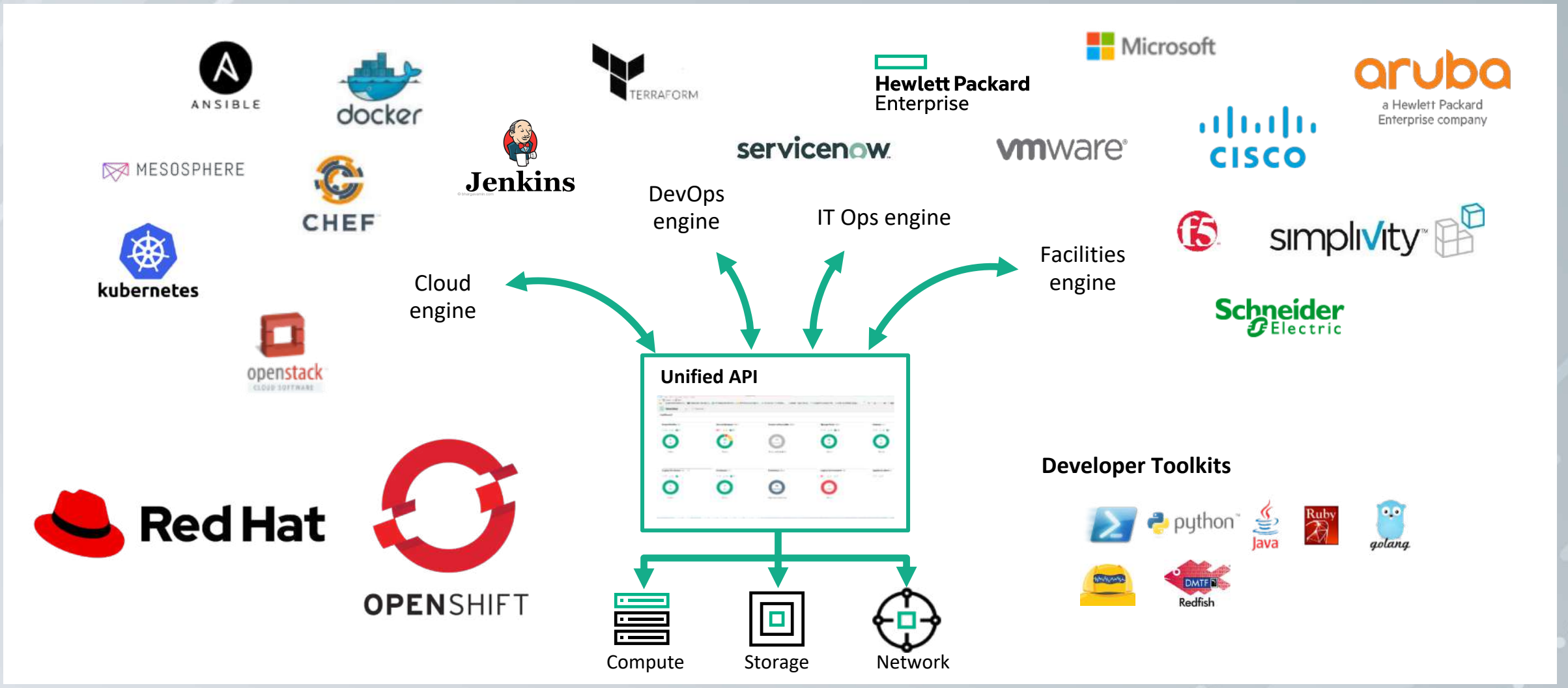
SOFTWARE DEFINED INFRASTRUCTURE

Use Infrastructure as Code

- Repeatable, consistent deployment
- Based
- From
- No m
- No ne
- Totally programmable



HPE COMPOSABLE INFRASTRUCTURE API ECOSYSTEM



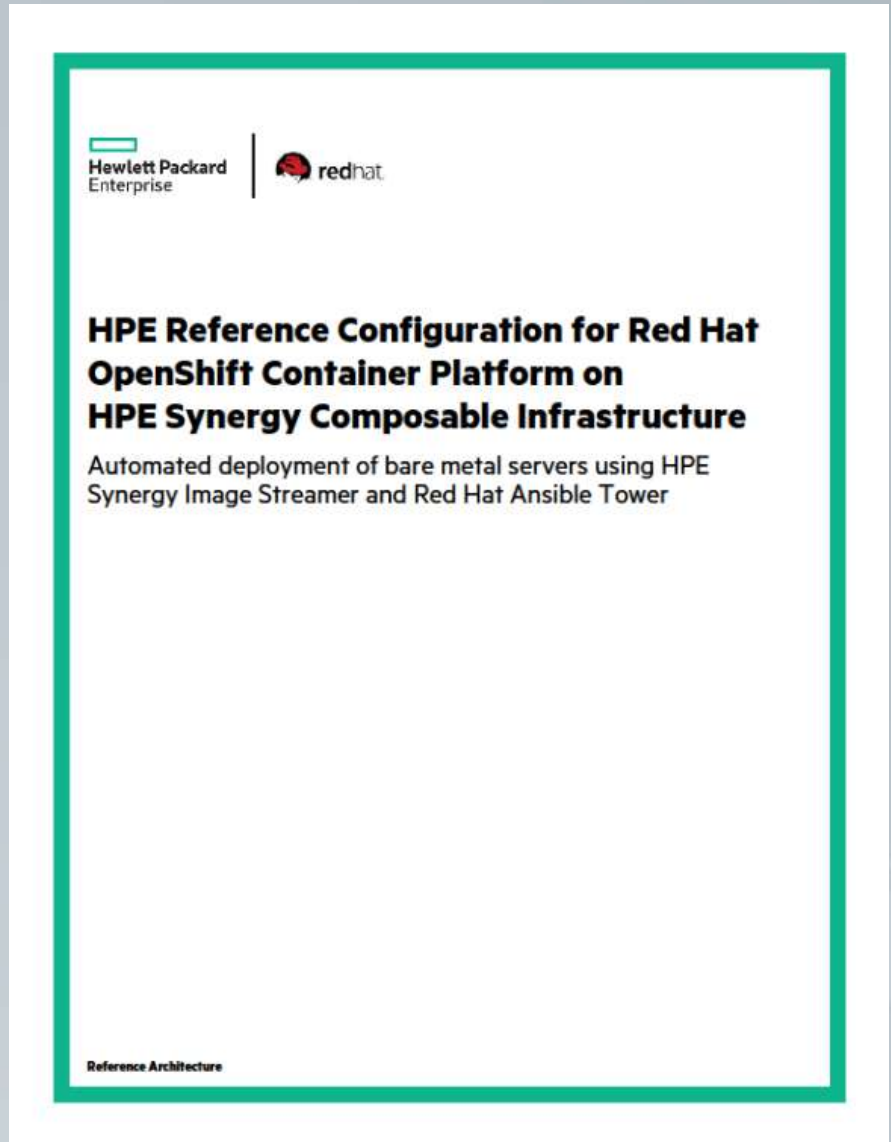
HPE AND RED HAT SIMPLIFY CONTAINER ACCELERATION

Reference Architecture

Detailed Step By Step Guide

Ansible Playbooks

https://github.com/HewlettPackard/image-streamer-reference-architectures/tree/master/RC-RHEL-OpenShift-Synergy



YOOX-NET-A-PORTER SPEEDS SERVICE DELIVERY

Using software-defined infrastructure from HPE with ecosystem integrations

Reduced time to stand up a single server from **2 hours** to **15 minutes**

Repurpose an already deployed server in just **30 minutes**

Manual intervention is reduced from dozens to **Zero**

"Thanks to software-defined infrastructure templates, all the operational activities are simplified, documented and maintained. The software-defined intelligence in HPE OneView and Synergy applies the templates autonomously once triggered"
Yamandu' Correa - Global E-Commerce Hybrid Infrastructure & Warehouse Engineering Manager

HPE CONTAINERS ON DEMAND

Consume your container platform

HPE choice of compute and storage
based on certified reference architectures

Consumption-based billing
Pay-per-use[1] consumption of complete solution

Integrated system management
Simplified operations with HPE OneView and
HPE Datacenter Care

Optionally Operated for you
Free your teams for more valuable contribution

HPE expertise
Design, implement, train for faster time to value

Consumption-based billing, remote monitoring, and active capacity management

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