VMware: Building a Digital Foundation from the Cloud to the Edge

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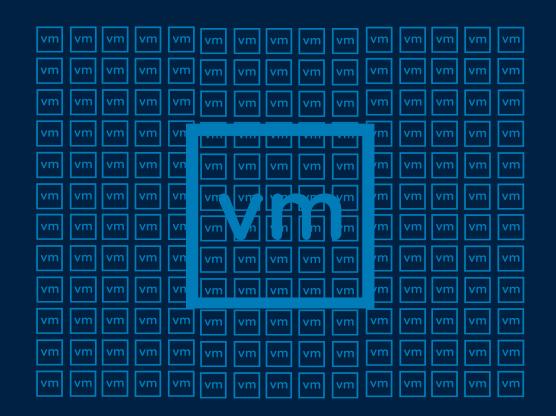






Server Virtualization











TCO Savings from vSAN adoption Reduction in complexity of tasks

Over a 5 year period from HCI

40%

58%

619%

15,000 + Customers

37% Share 500+ Cloud Partners

Public Clouds:
AWS & IBM

Server, Storage Virtualization



Hyper-Converged Infrastructure





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Cloud Networking Fabric

Intrinsic Security

Network Delivered in Software

Server, Storage, Networking Virtualization



Software-Defined Infrastructure



Mgmt & Automation



VMware Cloud Foundation





Life Cycle Automation

vmware vRealize Automation





Catalog Deployments Design Inbox Administration Infrastructure Containers



On behalf of: Q. Search users

Q. Search for catalog items by name or description

Sprt: Name (ascending)



cdearldand -



Ansible - CentOS with Apache

Use this blueprint to deploy the CentOS 7.3 Master template to vSphere. Includes Open VMTools and App.

Business group cmbu-auto-bg. 1 more

PaaS Catalog Service

REQUEST



AWS EC2 - Ubuntu 16.04

Deploys a Ubuntu 16:04 VM in AWS EC2

Business group cmbu-auto-bg, 1 more

Public Cloud Service



AWS EC2 - Windows 2016 + Containers

Deploy a Windows 2016 instance to EC2 with Container Suppport

Business group cmbu-auto-bg, 1 more

Service Public Cloud

REQUEST



Azure - Ubuntu 16.04

Deploys a Ubuntu 16:04 Virtual Machine to the US-West region in Microsoft Azure

Business group cmbu-auto-bg, 1 more

Service Public Cloud

REQUEST



Azure - Windows 2016

Deploy a Windows 2016 Build To Microsoft Azure

Business group cribu-auto-bg. 1 more

Service Public Cloud

REQUEST



REQUEST

Cassandra

This is a Single-Tier deployment for Cassandra 3.11.2-6. Cassandra blueprint published by Bitnami is secure, up-to-

Business group cmbu-auto-bg, 1 more

Service PaaS Catalog

REQUEST



CentOS 7.3

Use this blueprint to deploy the CentOS 7.3 Master. template to vSphere, includes Open VMTools and App.

Business group | cmbu-auto-bg. 1 more

Service laaS Catalog

REQUEST.



Create a User Account

Creates a user in an organizational unit and sets a password for the user. The password can be changed at

Business group cmbu-auto-bg. 1 more

Service IT Automation

REQUEST



Create GCE Instance

Creates a VM Instance resource in GCP.

Business group cmbu-auto-bg. 1 more

Service Public Cloud

REQUEST



Create Google Storage Bucket

Create a Storage Bucket in GCP

Business group cmbu-auto-bg. I more

Service Public Cloud

REQUEST



Drupal

This is a Single-Tier deployment for Drupal 8.5.3-3. Drupal blueprint published by Bitnami is secure, up-to-date, and

Business group cmbu-auto-bg, 1 more

Service Paa5 Catalog

REQUEST



GitLab

GitLab Community Edition by Bitnami is a pre-configured, ready to run Single VM Blueprint for running GitLab

Business group cmbu-auto-bg, 1 more

Service Paa5 Catalog

REQUEST



Jenkins Cluster

This is a Multi-Tier blueprint for Jenkins Cluster 2:104:0-0



Kubernetes 1.10 on Ubuntu



LAMP

This is a Single-Tier deployment for LAMP 7.118-1.LAMP



MongoDB

This is a Single-Tier deployment for MongoDB 3 6 5-0. Monc

Virtual Machines Micro-Services

Containers

DevOps

Docker

Continous Delivery

Universal App Platform

vSphere





Desktop Virtualization

3D Graphics

Deep Learning with GPU

Big Data SAP NFV HANA









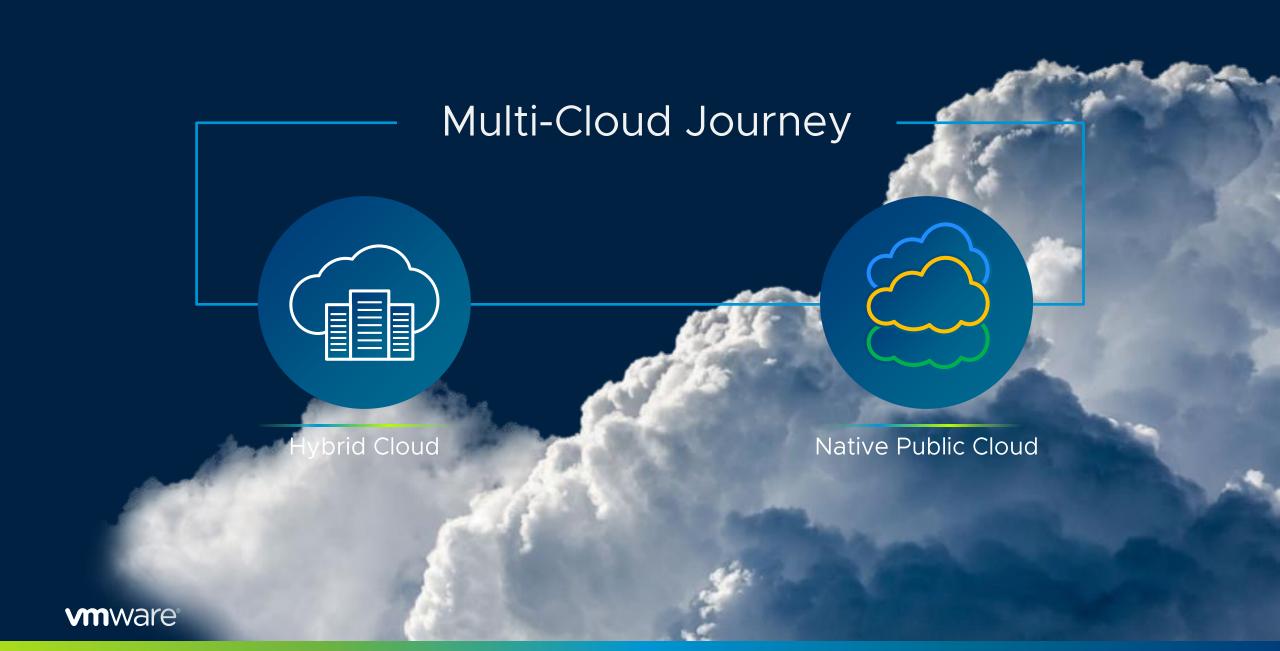










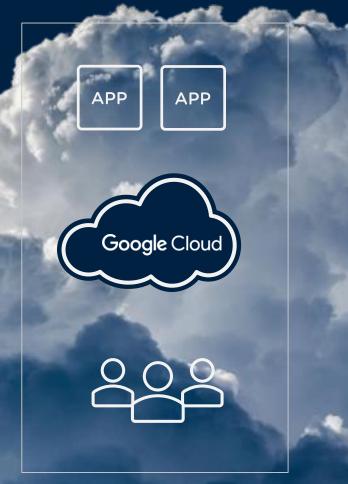


Consistent Infrastructure, Operations and Security



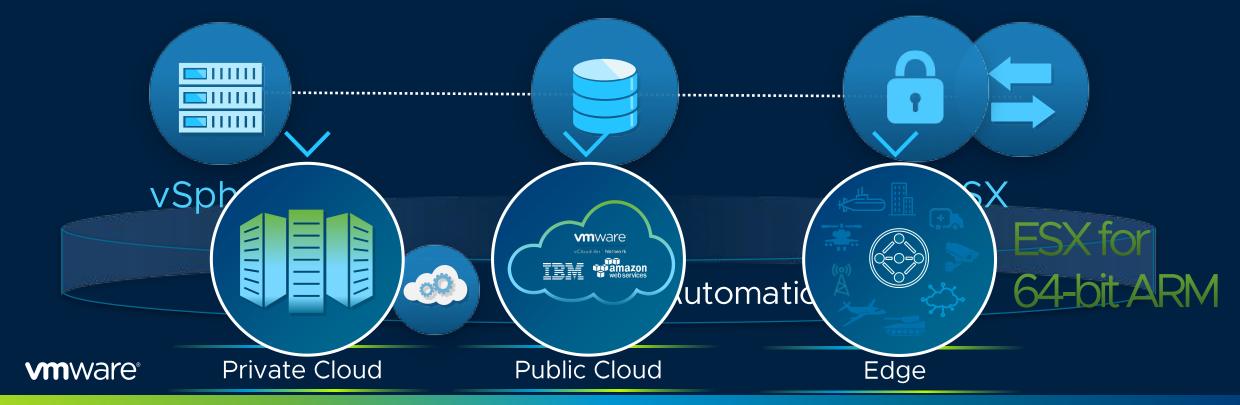






Operating System for DCs, Clouds and Edges

VMware Cloud Foundation

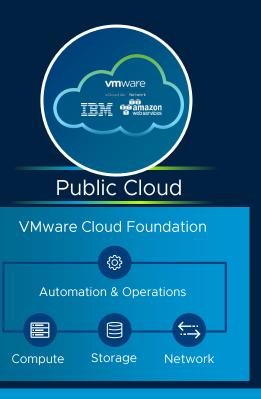


Hybrid Cloud

Data Center to Cloud to Edge











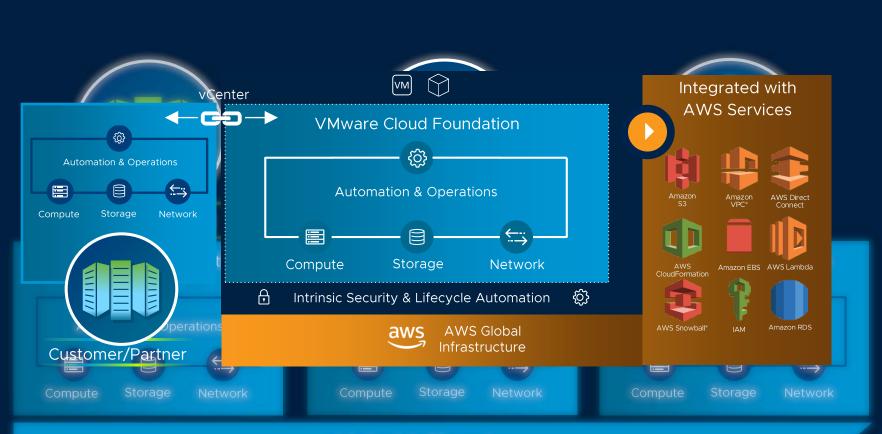
Hybrid Cloud – Consistent Infrastructure

Native Public Cloud



VMwarebCiloudoond AWS

Extending the Datacenter to AWS Global Cloud and AWS Services



Rich VMware SDDC delivered as a cloud service on AWS

Sold, Operated and supported by VMware

Consistency and workload portability between on-prem

Leverage existing tools ecosystem and solutions

Direct access and integration of native AWS services

AWS Services on-premise

Hybrid Cloud



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Use Cases for Broad Range of Cloud Strategies







Cloud Migration

Application-specific migration
Infrastructure refresh
Data Center-wide migration

Data Center Extension

Disaster recovery

On-demand capacity
Footprint expansion

Next-Generation Apps

Application modernization

New application build-out Hybrid applications















































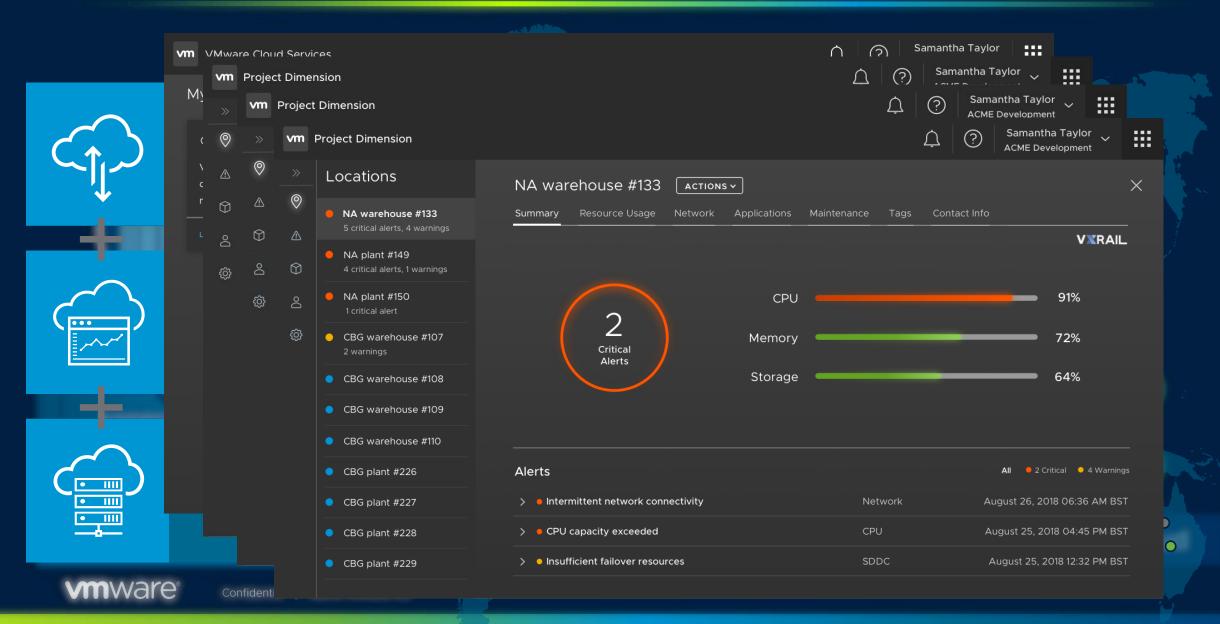






What's coming: VMware Cloud at the DC and Edge

Deliver VMware Cloud Simplicity to data center and edge



VMware Cloud Services



VISIBILITY



OPERATIONS



AUTOMATION



SECURITY



GOVERNANCE

Cloud Management & Cloud Networking









Public Cloud





VMware Cloud Foundation





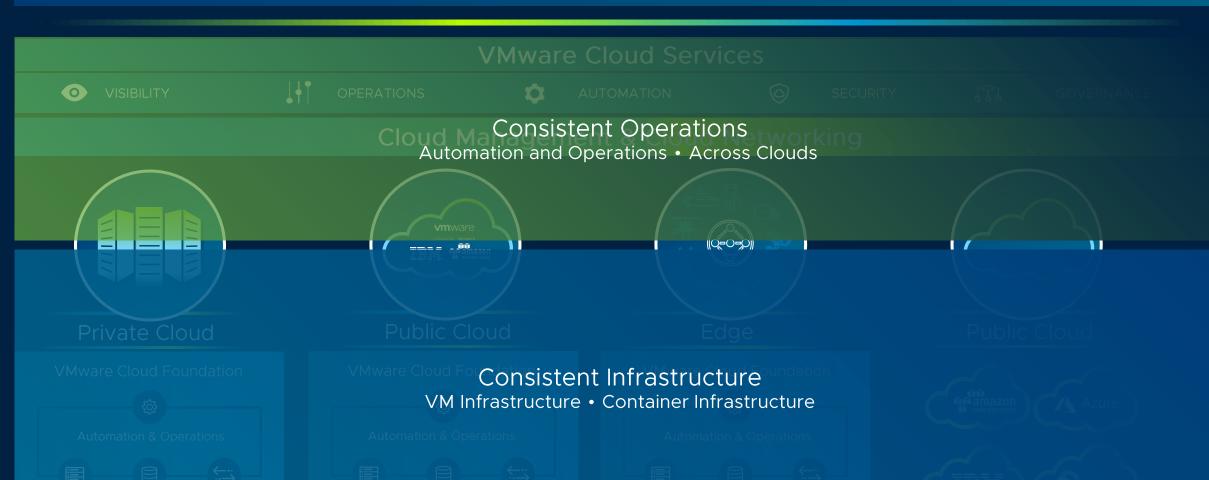
Public Cloud



Hybrid Cloud – Consistent Infrastructure

Native Public Cloud





Hybrid Cloud

Native Public Cloud



The Pace of Technology Innovation Is Accelerating

Machine Learning



Augmented Reality



Artificial Intelligence



Internet Of Things



Edge

Serverless (Functions As A Service)





Quantum Computing



Adaptive Security



Blockchain (Distributed Ledger)



Data Analytics



Hardware Acceleration



Digital Twin



The Pace of Technology Innovation Is Accelerating

Machine Learning



Augmented Reality



Artificial Intelligence



Internet Of Things



Edge







Quantum Computing



Adaptive Security



Blockchain (<u>Dist</u>ributed Ledger)



Data Analytics



Hardware Acceleration



Digital Twin



Our Strategy

mware

A software-defined digital foundation built on VMware

ANY DEVICE Cloud Native SaaS **ANY APPLICATION Traditional EDGE** {(``)} **ANY CLOUD HYBRID**

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Learn more at vmworld.com

