1 CheatSheet: VMware Products   VMware

- PDF Link: cheatsheet-vmware-A4.pdf, Category: VMware

- Blog URL: `https://cheatsheet.dennyzhang.com/cheatsheet-vmware-A4`

- Related posts: PKS CheatSheet, Cloudfoundry CheatSheet, #denny-cheatsheets

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1.1 VMware Overview

Name	Summary
vSphere Suite	Virtualization
vSAN	Storage
NSX	Networking
vRealize Suite	Management
VCF (VMware Cloud Foundation)	An integrated software stack for everything SDDC requires
Reference	VMware CheatSheet, Cloudfoundry CheatSheet

https://raw.githubusercontent.com/dennyzhang/cheatsheet.dennyzhang.com/master/cheatsheet-vmware-A4/vmware-overview.jpg

1.2 VMware Basic Concepts

Name	Command
SDDC	Software designed data center
vMotion	Live Migration of Virtual Machines
DRS(Distributed Resource Scheduler)	
NUMA(Non-uniform memory access)	
vmdk	a file format describes containers for virtual hard disk drives to be used by VMware
Turnkey Solution	
Lifecycle Management	
Thin Provisioning	
Co-located	
Operational Efficiency	
Developer Productivity	
Conformance and Compatibility	
Governance	

1.3 Cloud Platform

Name	Summary
vCloud Suite	Enterprise-ready private cloud
ESXi	Bare Metal Hypervisor to run VMs
vCenter	Control console for all your vSphere virtualization
vmc (VMware Cloud On AWS)	Run vSphere suite on Amazon infrastruture in Public Cloud
Nimbus/DevHub	Host internal test infrastructures

1.4 Cloud Native

Name	Summary
VMware PKS	VMware kubernetes solution for enterprises. On-prem and beyond. PKS CheatSheet
VMware Cloud PKS	VMware managed k8s service on top of public kubernetes service. e.g, GKE, AKS, etc
Harbor	Enterprise-ready container registry
VIC	vSphere Integrated Containers

1.5   NSX Networking

Name	Summary
NSX Data Center	network virtualization platform for the SDDC
NSX-V	
NSX-T	SDN for cloud-native environments
vRealize Network Insight	helps to build an optimized, highly available and secure network infra across multi-cloud envs

1.6   Storage

Name	Summary
vSAN	Aggregates local or direct-attached data storage devices to create a single storage pool
hatchway	Persistent Storage for Cloud Native Applications.

https://raw.githubusercontent.com/dennyzhang/cheatsheet.dennyzhang.com/master/cheatsheet-vmware-A4/vmware-vsan.png

1.7   Cloud Management

Name	Summary
vRealize Suite	Hybrid Cloud Management Platform
vrli (vRealize Log Insight)	On-prem logging solution. YouTube: PKS and VMware vRealize Log Insight
Log intelligence	SaaS logging solution
vrops (vRealize Operationos)	Intelligent Operations from app to infra: Capacity planning & monitoring
vRA (vRealize Automation)	Visualized VM management
vcd (VMware vCLoud Director)	Hybrid envs YouTube: VMware vCloud Director Overview
Wavefront	SaaS monitoring. YouTube: Pivotal Container Service (PKS) and VMware Wavefront
Cloudhealth	Container monitoring
vio	VMware Integrated OpenStack
vCloud NFV	Network Functions Virtualization platform for Communications Service Providers

1.8   Enterprise

Name	Summary
Workspace ONE	SSO for all apps
Horizon 7	virtual desktops and applications

1.9   Misc

Name	Summary
Dell VxRail	Turnkey Hyperconverged Infrastructure
VVD (VMware Validated Design Documentation)	
Flings	Preview mode marketplace for vsphere ecosystem
Pivotal PCF	Pivotal Cloud Foundry

1.10   More Resources

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