

CheatSheet: IT Infrastructure Fundamentals

VMWARE

- PDF Link: [cheatsheet-infra-A4.pdf](#), Category: Infra
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-infra-A4>
- Related posts: PKS CheatSheet, Cloudfoundry CheatSheet, [#denny-cheatsheets](#)

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1.1 Basic Concepts

Name	Command
Domains	SDDC, Hybrid Cloud Computing, End-User Computing(EUC)
SDDC(Software designed data center)	Compute, Storage and Availability, Network and Security, Cloud Management and Automation
VMware vMotion	Live Migration of Virtual Machines
DRS(Distributed Resource Scheduler)	
NUMA(Non-uniform memory access)	
VMware vmdk	a file format describes containers for virtual hard disk drives to be used by VMware
Greenfield vs Brownfield	Brownfield Development happens when improving an existing application
Hyper Converged Infrastructure	all-in-one virtualization solutions that integrate compute and software-defined storage
Airgap deployment	Electrically disconnected (with a conceptual air gap) from all other networks
Thin Provisioning	
Static Provisioning	
Turnkey Solution	
Lifecycle Management	
Co-located	
Operational Efficiency	
Developer Productivity	
Conformance and Compatibility	
Governance	
Trial-and-error methods	

1.2 Operations Per Stages

Name	Command
Day 0	A VM or object (say container or network appliance) in the most vanilla way possible.
Day 1	
Day 2	
Reference	Link: Day 0, 1, and 2 in IT and VMware infrastructure

<https://raw.githubusercontent.com/dennyzhang/cheatsheet-pks-infra/master/day2ops.png>

1.3 More Resources

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