

Virtualize From Scratch | VMWare vSphere 6.5

Learn how to build virtualization environments from ground up

DRS / Storage DRS



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Course Content

1. Introduction to Virtualization.
2. What is the "Hypervisor" and how it works?.
3. VMWare vSphere core products and LAB setup.
4. Install ESXi Server.
5. Explore ESXi configuration.
6. Deploy your first VM.
7. Deploy vCenter Server.
8. vCenter: Add ESXi host(s).
9. ESXi Network Configuration.
10. vSphere Storage: Basics & Configuring.
11. vMotion / Storage vMotion.
- 12. DRS / SDRS.**
13. vSphere High Availability (HA).
14. Resource Pools.
15. VM Operations: Snapshots.
16. VM Operations: VM Clone and linked-clone.
17. VM Operations: VM Template.
18. VM Operations: Fault Tolerance (FT).
19. vSphere Networking; Distributed Switch.
20. Content Library.
21. Host Profiles.
22. Integrating vCenter with Directory Services.
23. Define User Permissions.
24. Securing vSphere Environment.
25. vSphere Update Manager (VUM).
26. vROPS.
27. vSphere Documentation.

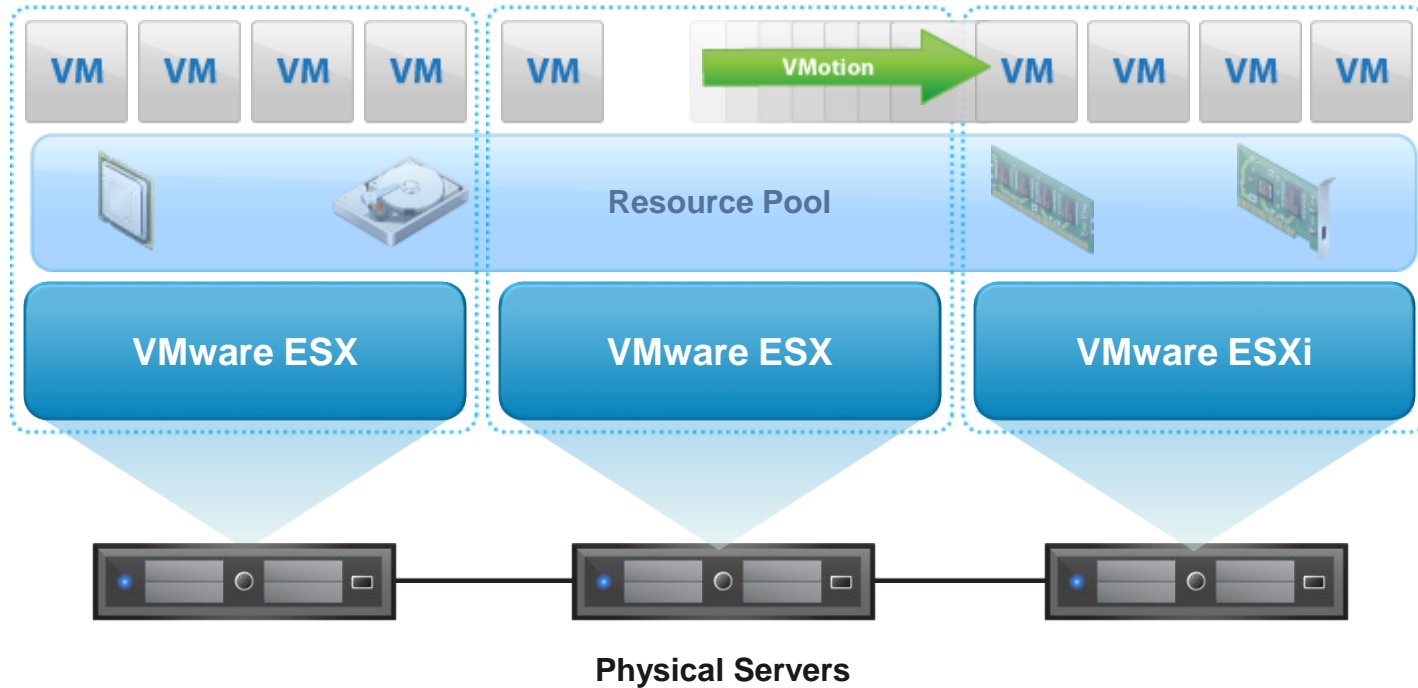
DRS >> Distributed Resource Scheduler

It balances resource-utilization across cluster nodes (hosts)

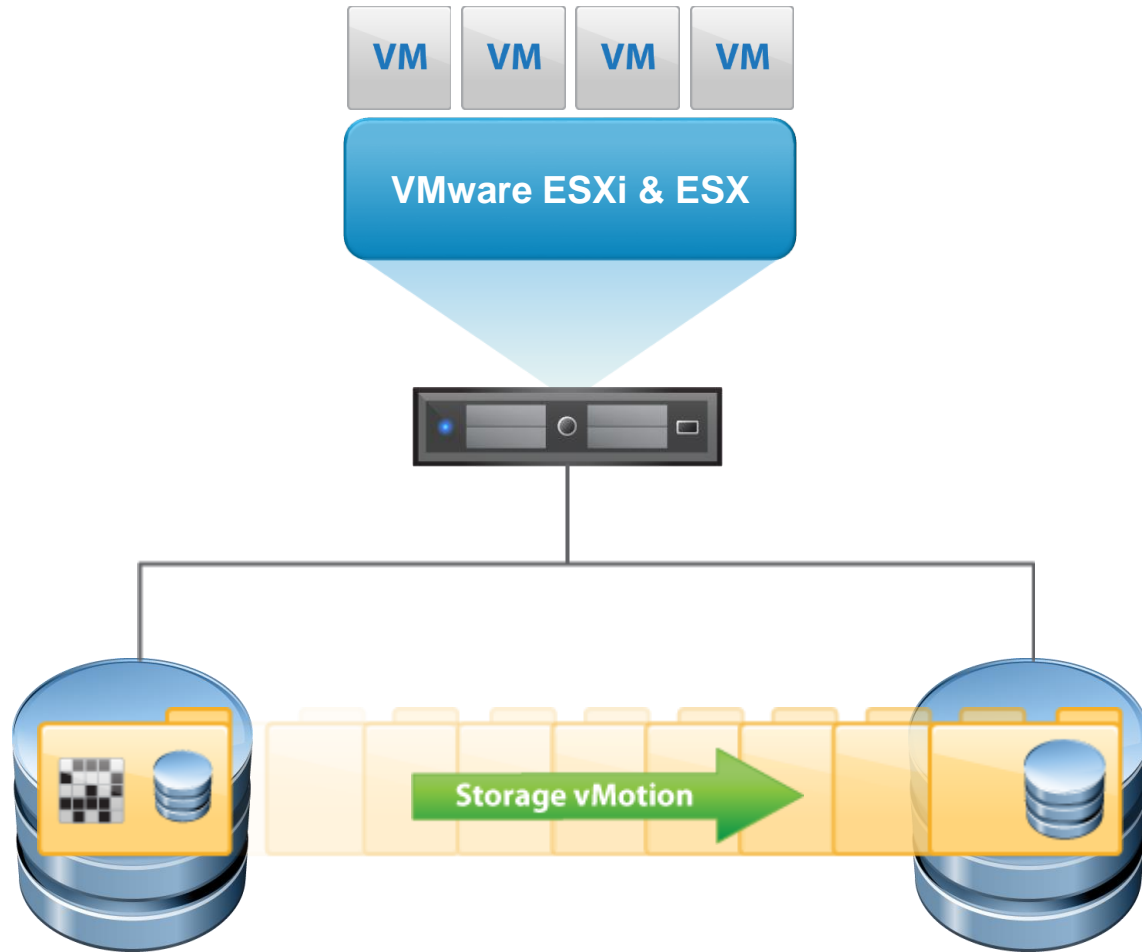


Virtualize From Scratch: DRS / SDRS

Server (VM) DRS

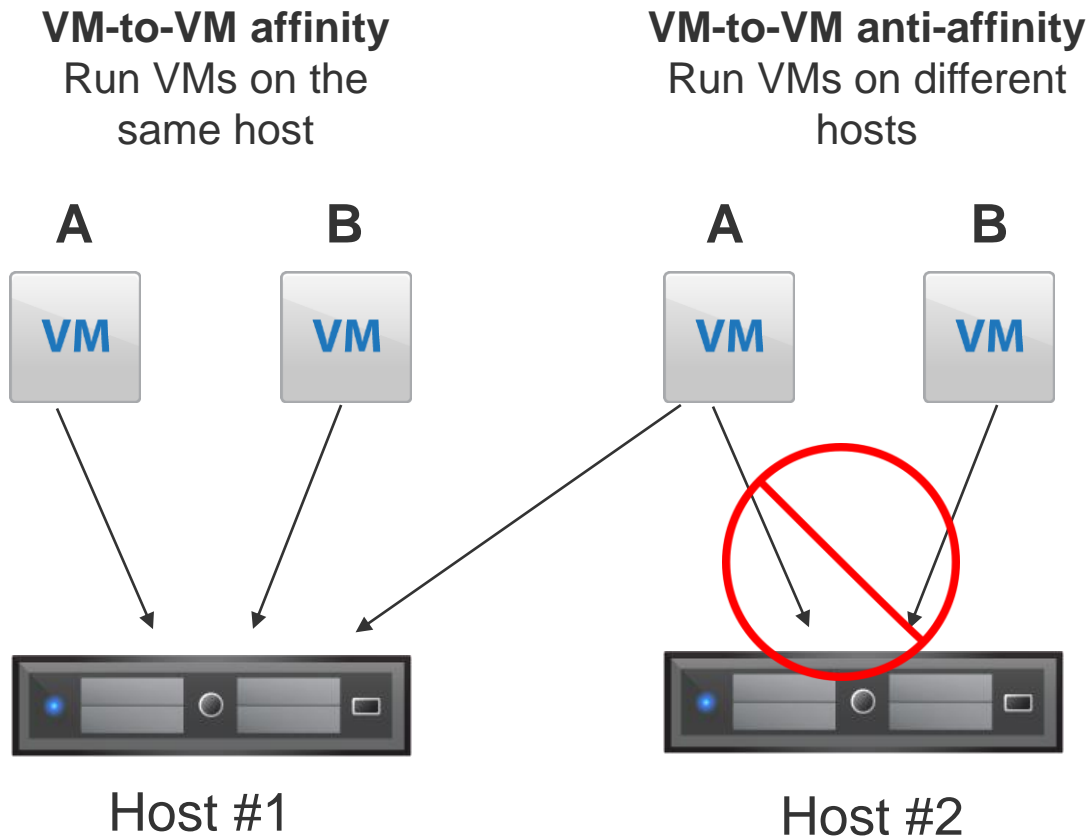


Storage DRS



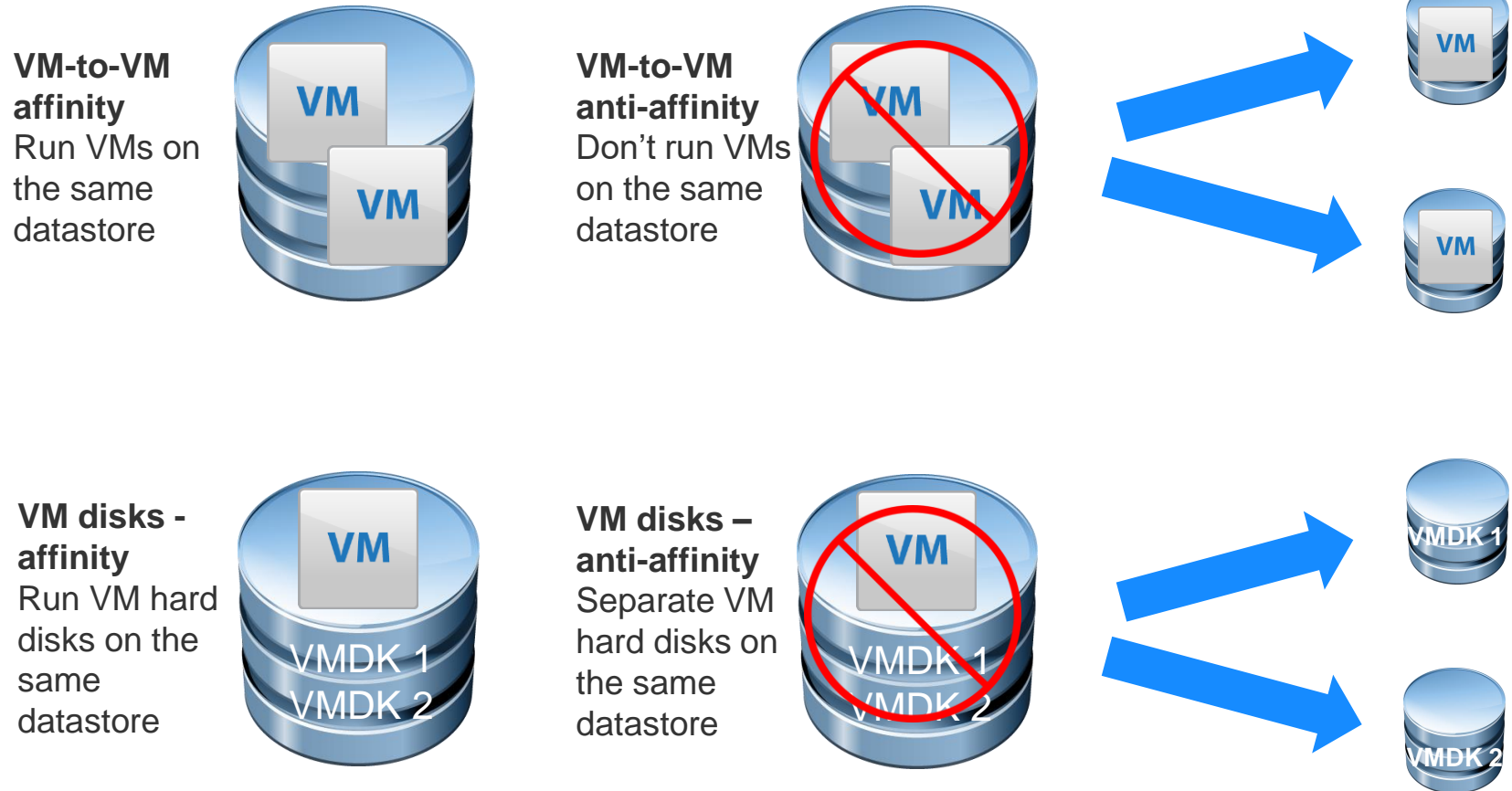
Affinity / Anti-affinity Rules

- VM-VM affinity / anti-affinity.



Affinity / Anti-affinity Rules

- VM disks / VM-to-VM disks affinity/anti-affinity.







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