



BC & DR in a VMware Infrastructure

Fredrik Sjostedt

Director – EMEA Product Marketing

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VMware's Focus

**Virtual
Datacenter OS**

**Efficient Use of
Applications and
Hardware**

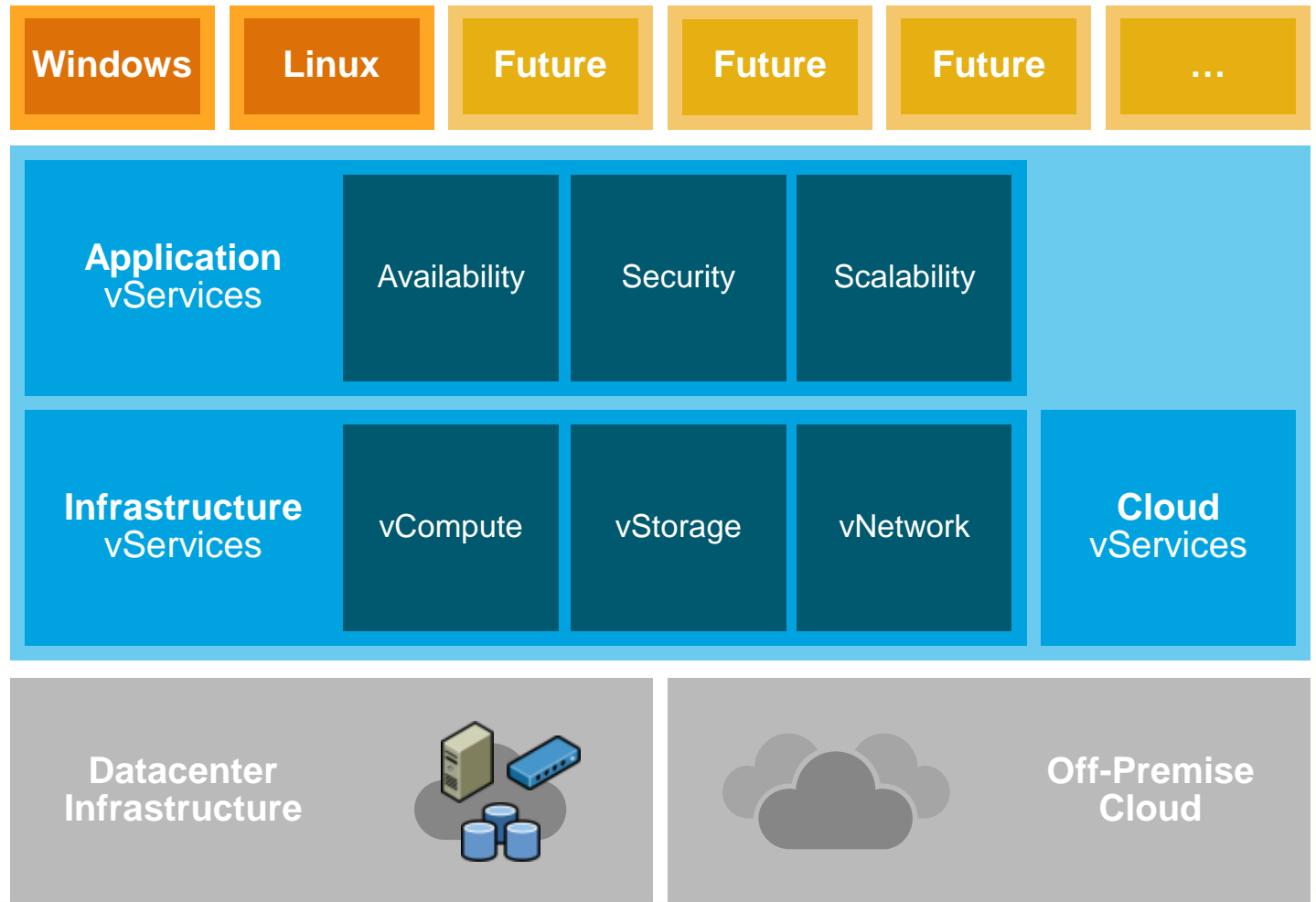
**vCloud
Initiative**

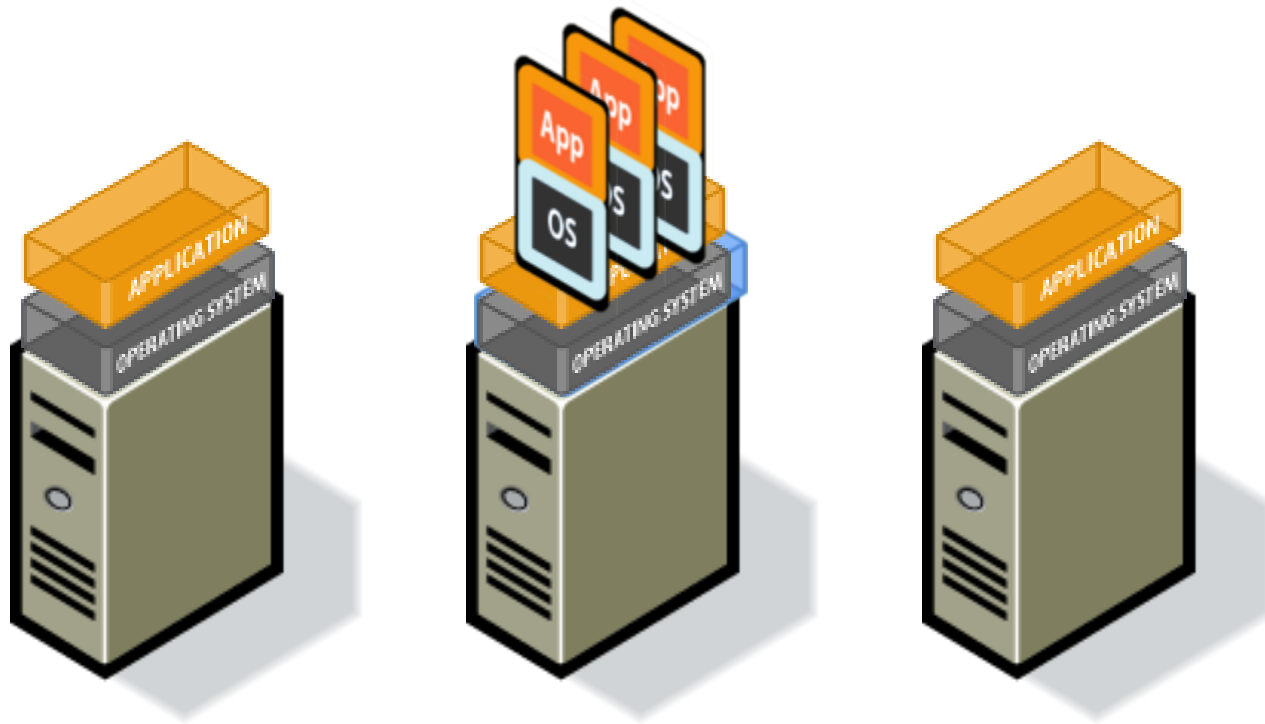
**Federation
With the Cloud**

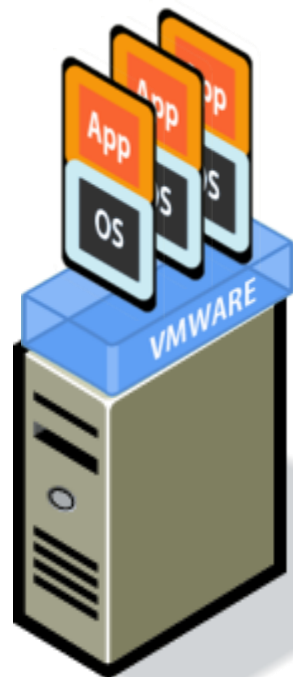
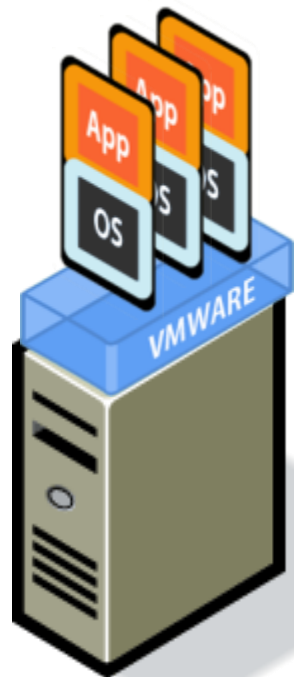
**vClient
Initiative**

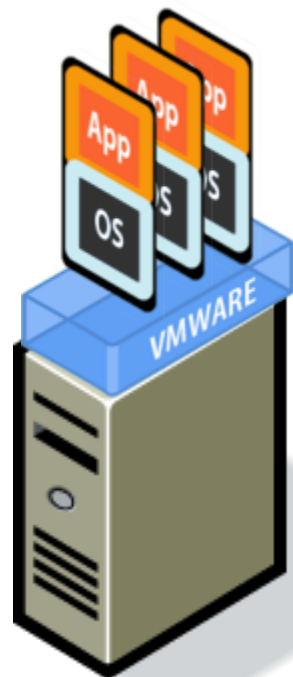
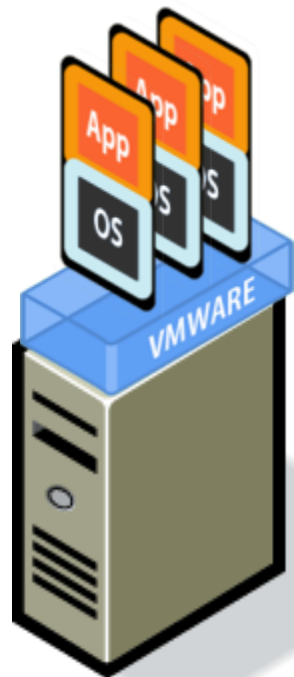
**Desktop
Dilemma**

From VMware Infrastructure to VDC-OS

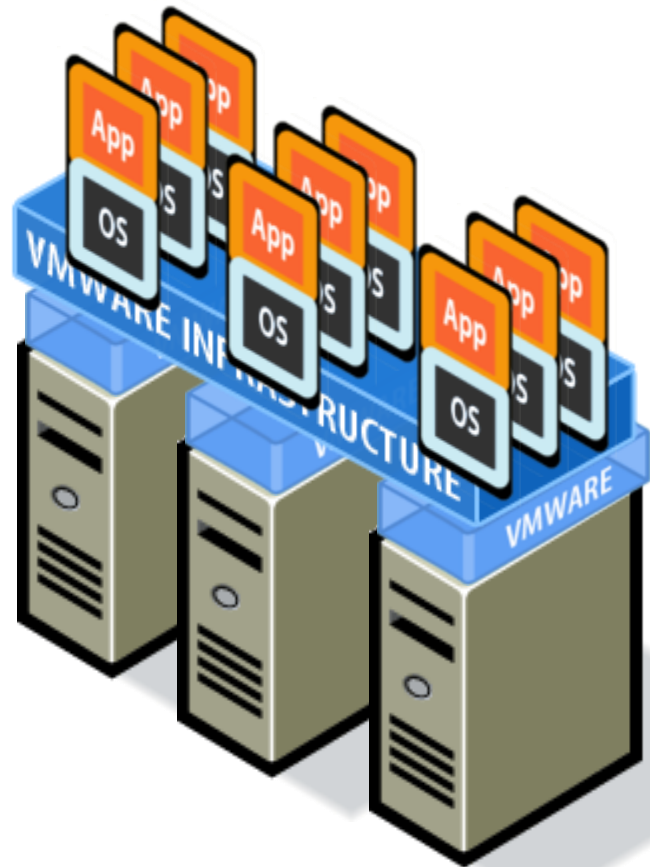






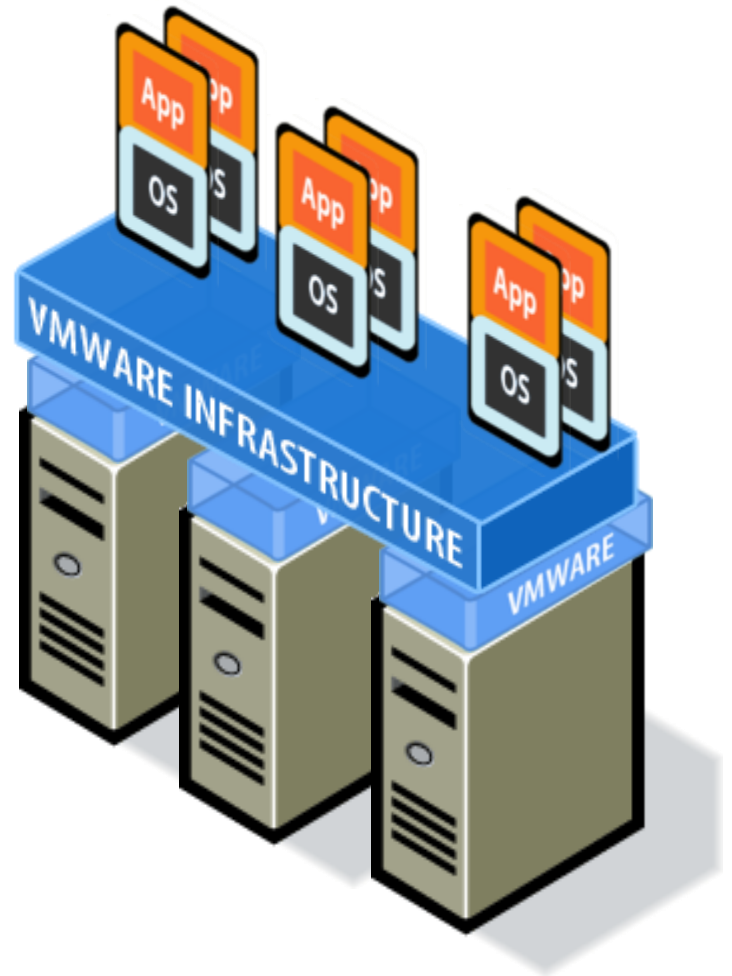


30M x86 Servers In Data
Centers Today
Average Utilization = 5 -10%



Scalability vServices

VMware Vmotion, makes it possible to move Virtual Machines, without interrupting the applications running inside.

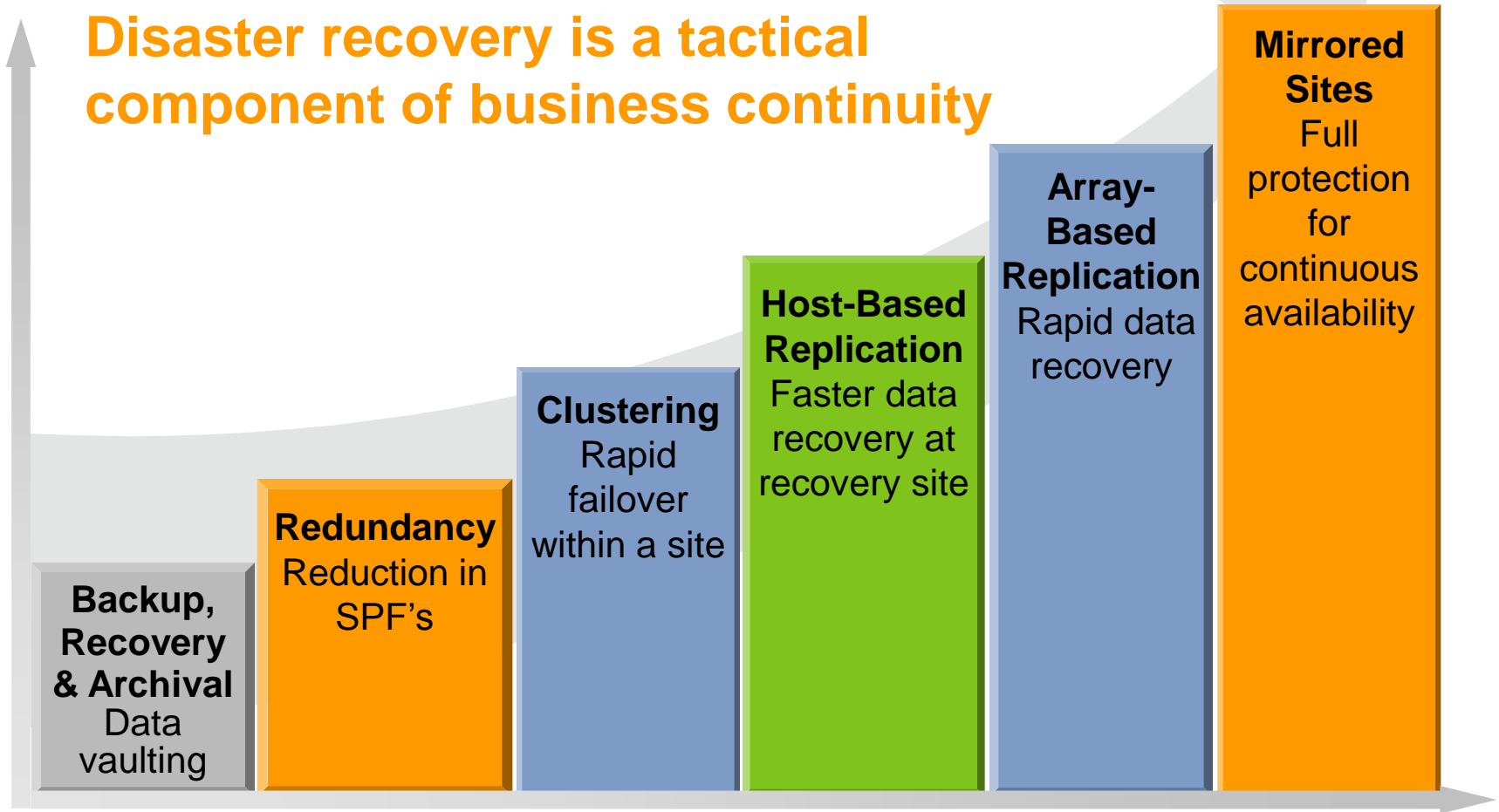


Disaster Type Classification

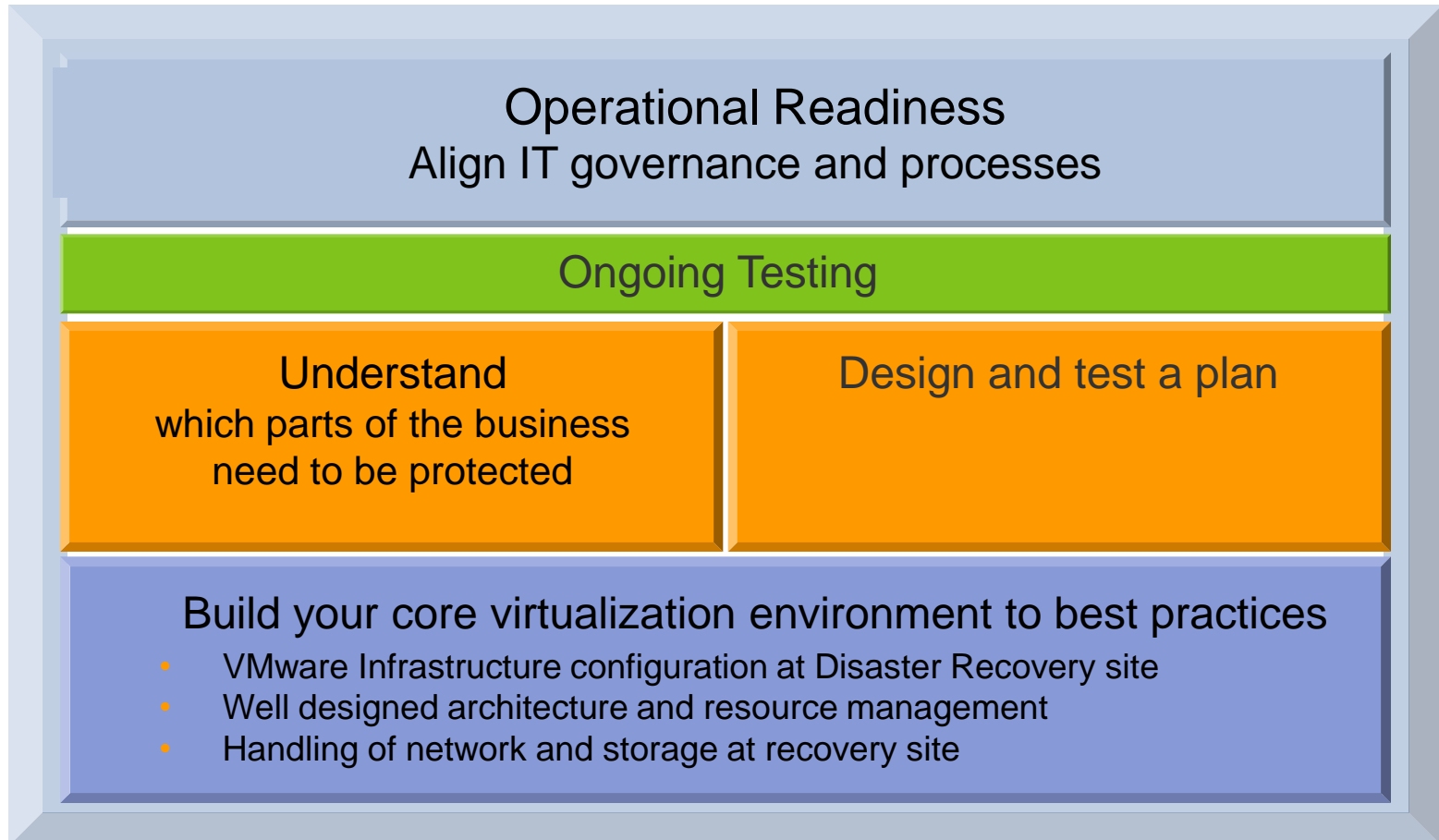
Total Loss of Site	Primary Site Lost	Catastrophic
Blackout	Primary site temporarily inaccessible	Serious
Migration	Primary site lost, but users have warning	Controlled
Planned	Planned temporary outage, but users have warning	Controlled
Production Test	Production test of an actual recovery/failback, but users have warning	Controlled

Business Continuity Strategic to Any Business

Disaster recovery is a tactical component of business continuity



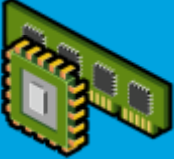
Key Drivers to a Successful DR Solution



Availability: Maximizing Application Uptime

Planned Downtime

Unplanned Downtime



Server



Storage



Interconnect

Fault Tolerance

VMotion

HA

Storage VMotion

VCB
Storage Multipathing

Site Recovery
Manager

Network Redundancy

NIC & HBA Teaming

High Availability vServices

VMware High Availability makes all Servers and Applications protected against component and complete system failure.

Only One-Click to configure!

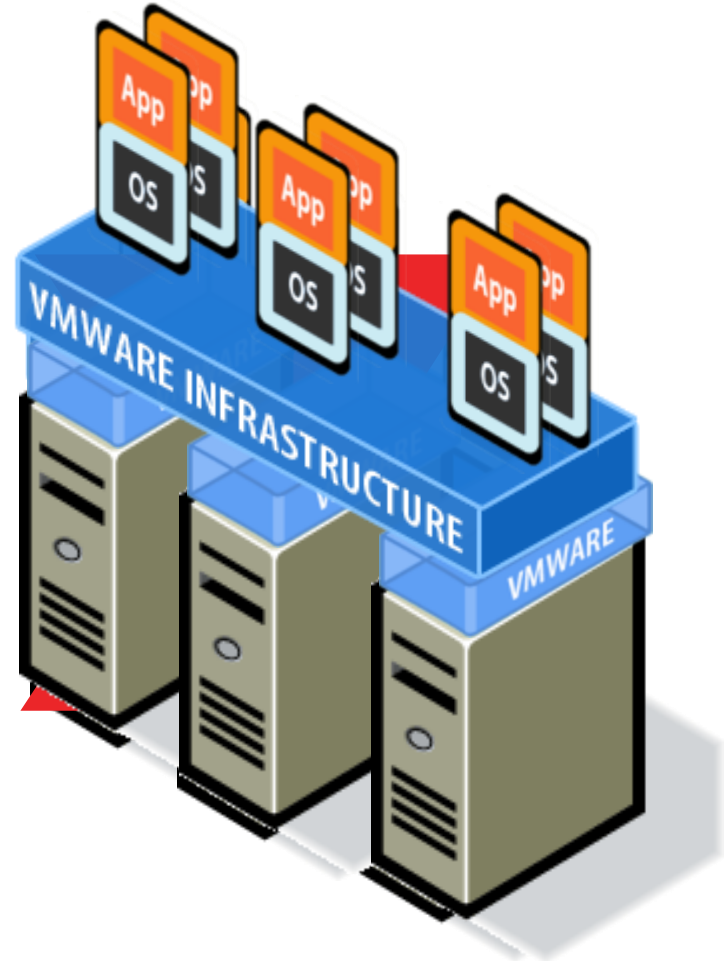


Disaster Recovery vServices

VMware Site Recovery
Manager enables an easy
transition from a
production site to a
Disaster Recovery site.

Easy Execution for real
Disaster

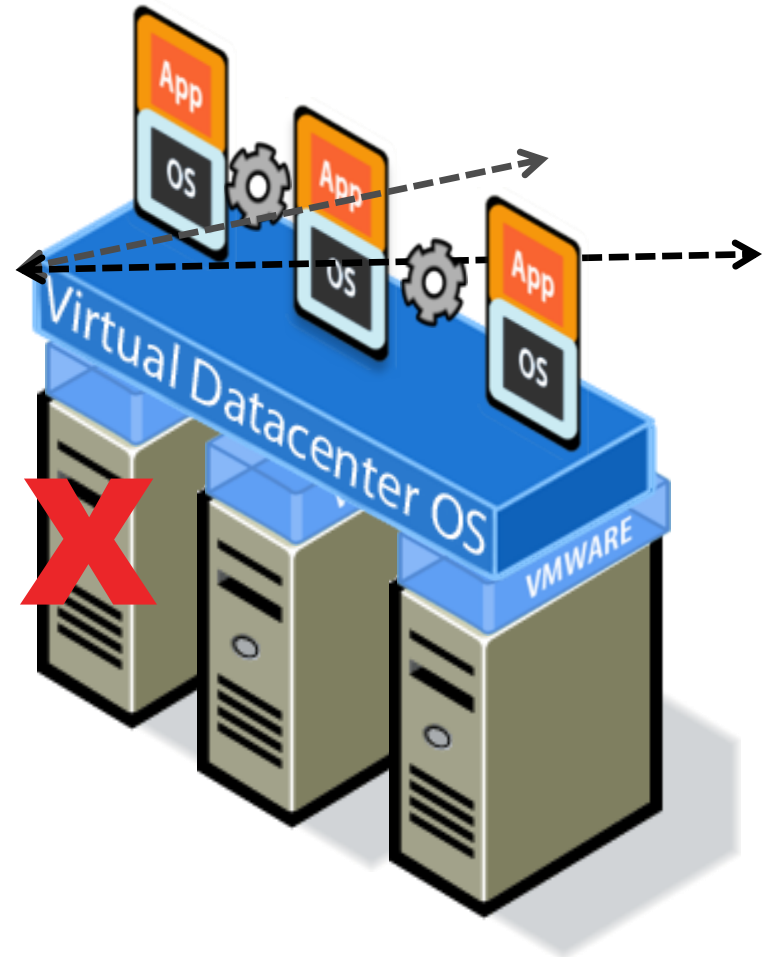
Easy Testing for good
night sleep



VMware Fault Tolerance



Application protection against hardware failures, with NO down time that is Application and Operating System Independent.



Key Design Considerations for Business Continuity

- ☑ What systems must be available?
 - ✓ What applications are Mission Critical?
 - ✓ Is availability or performance more important?
 - ✓ How much of my business capacity will run at the remote site?
And for how long will I be able to sustain that load?
- ☑ Distance to protect against geographic disasters
- ☑ Infrastructure requirements
- ☑ Compliance guidelines that control your business
- ☑ Remote site operations
- ☑ Test frequency
- ☑ Budget



Thank you!

Email: fsjostedt@vmware.com

Mob: +44 7525 392841