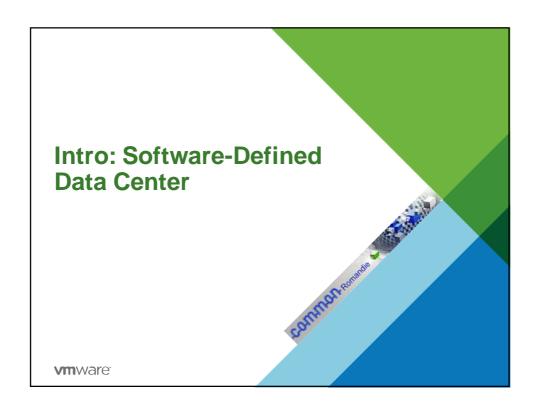
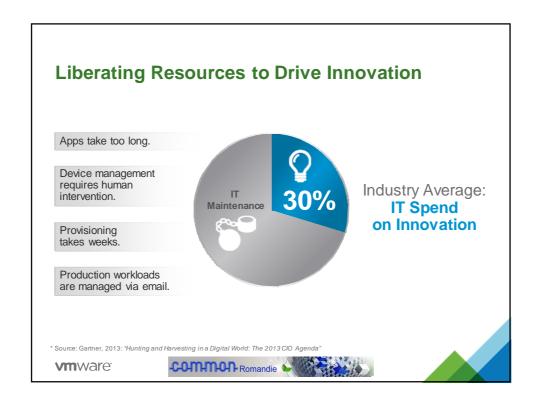
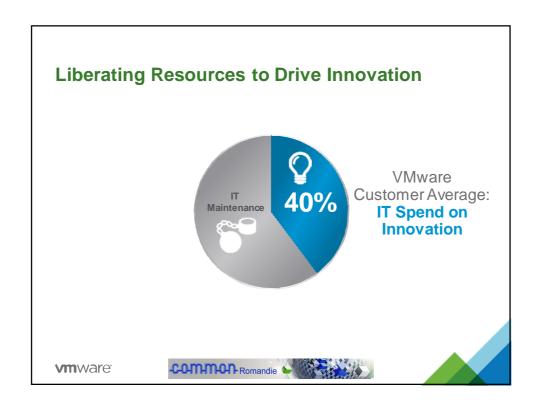
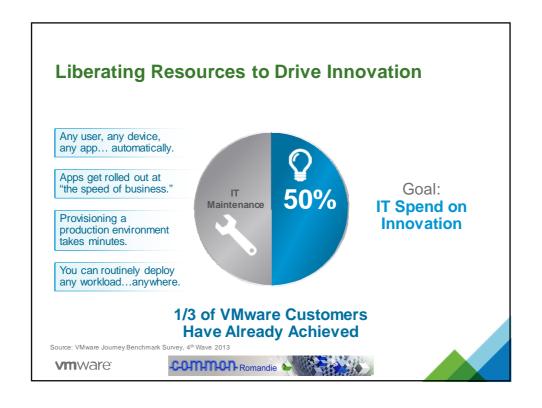


### **Agenda** 1 Intro: Software-Defined Data Center Context of BC/DR 3 VMware Solutions for IT Resilience 4 Local Application Availability **Data Protection** 5 6 **Data Replication** 7 Site Application Availability 8 Virtual SAN COMMON Romandie **vm**ware

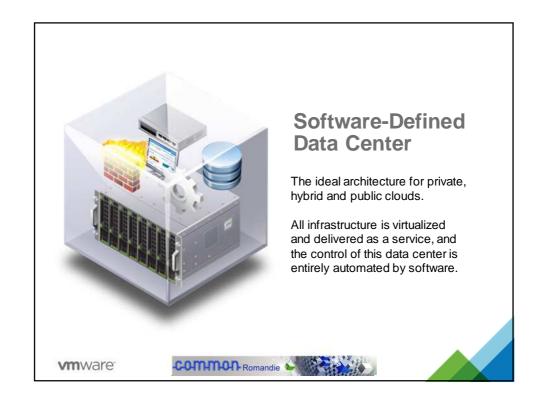


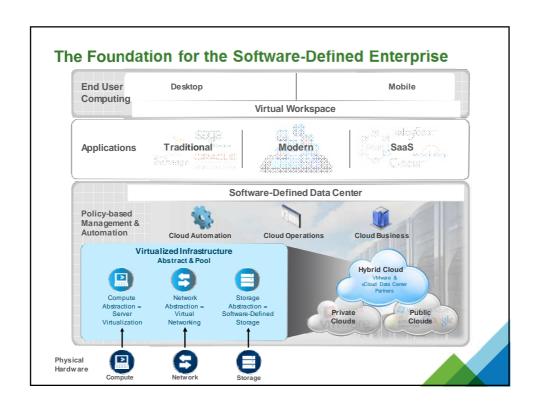


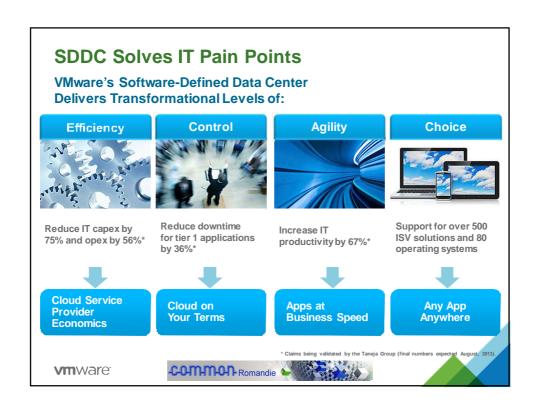


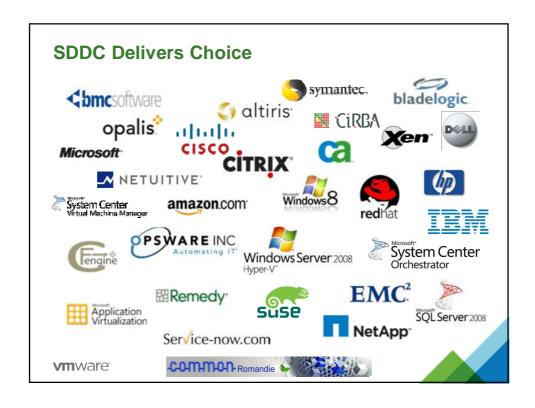


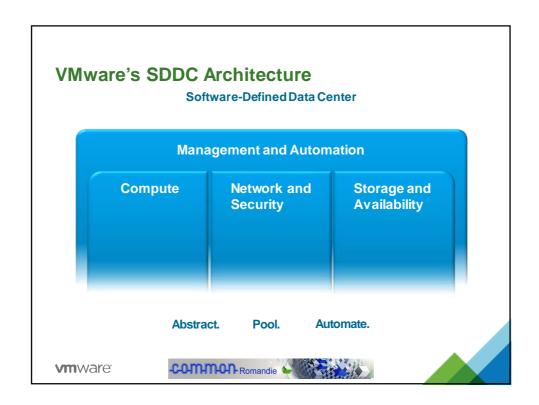


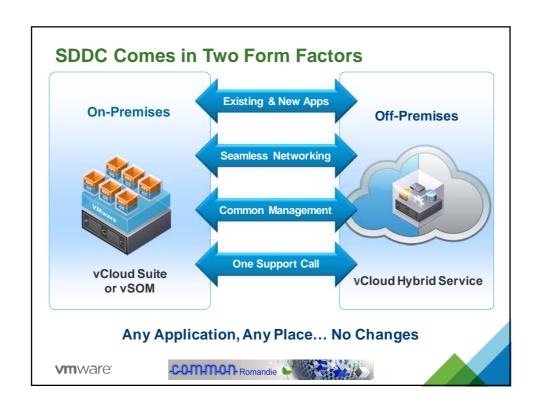




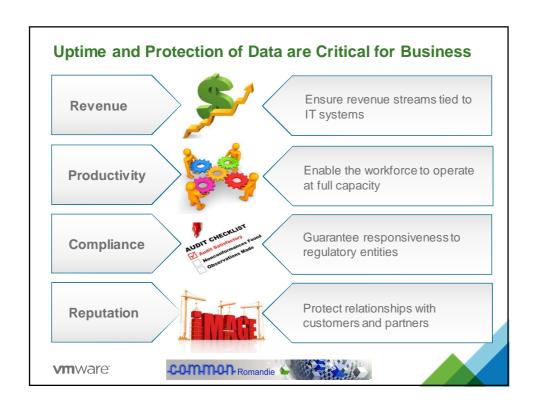




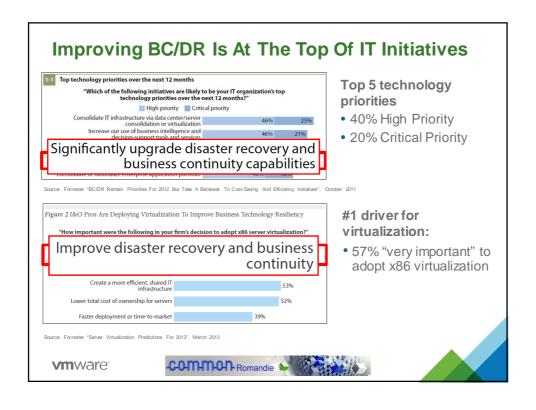


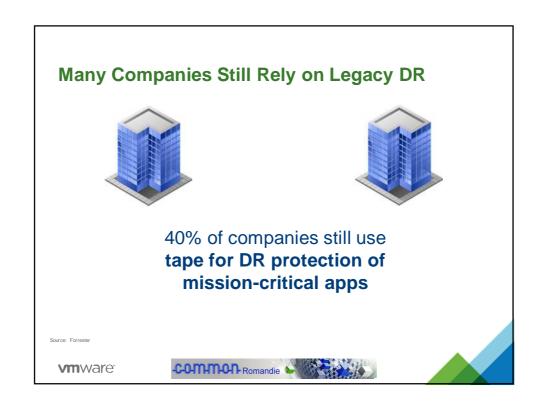


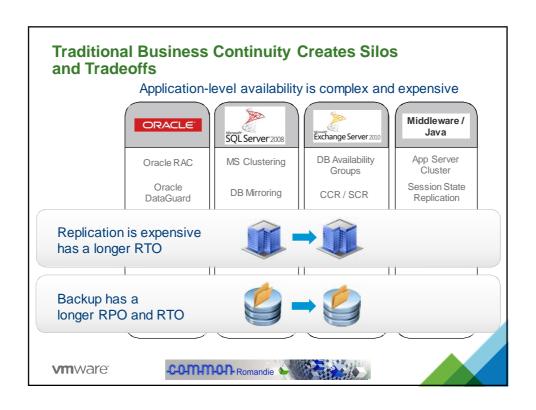


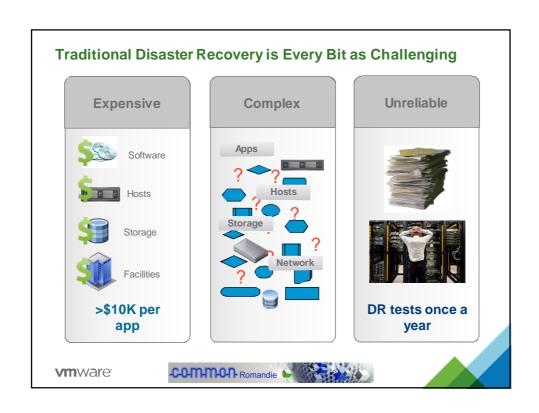


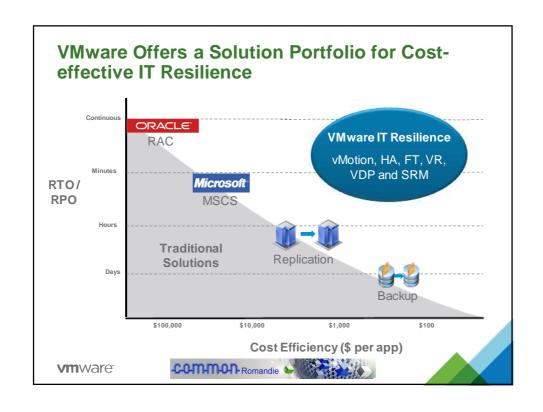


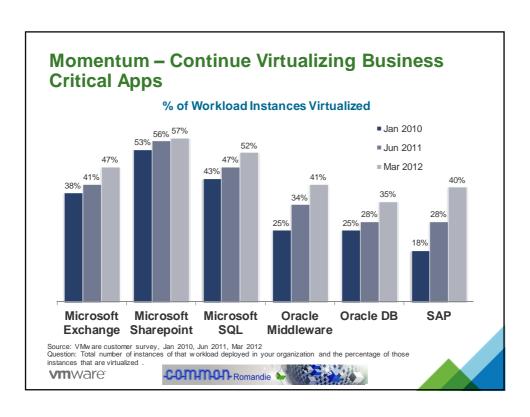


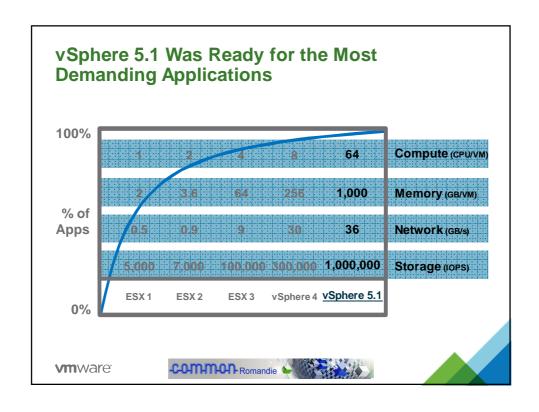


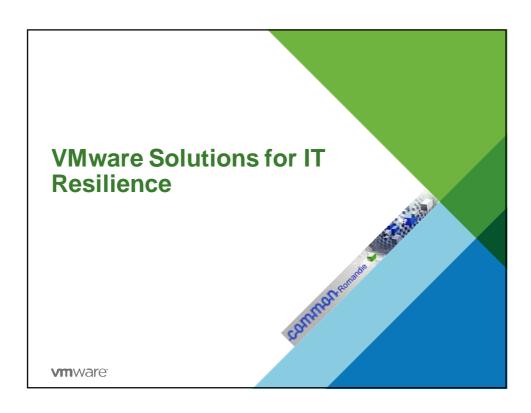


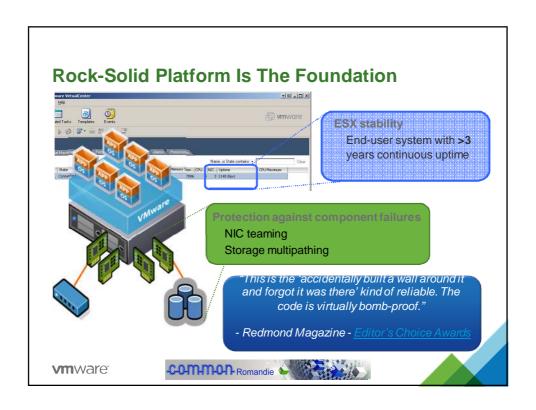


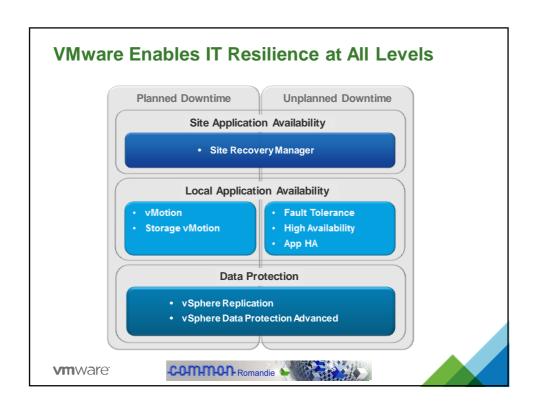




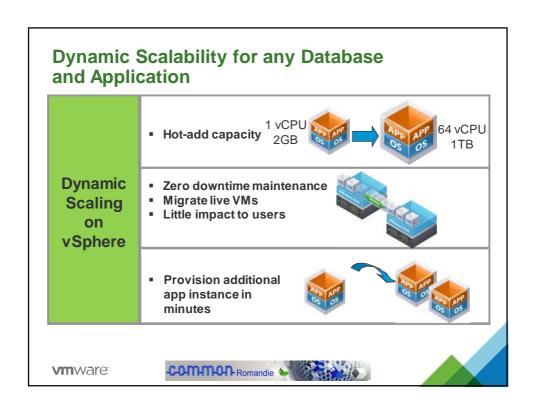


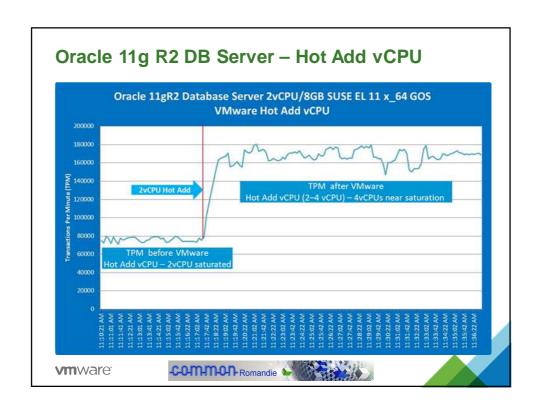


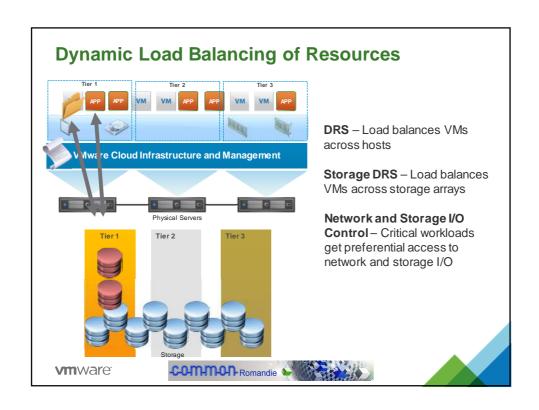


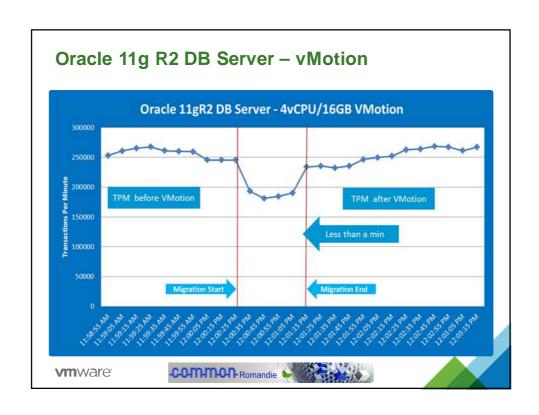


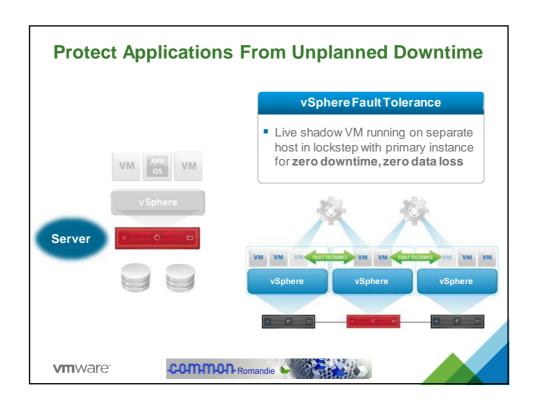


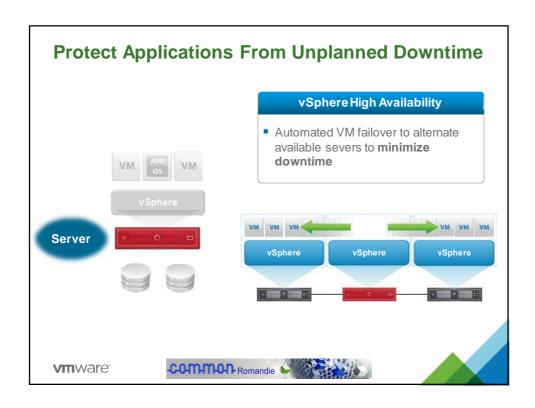


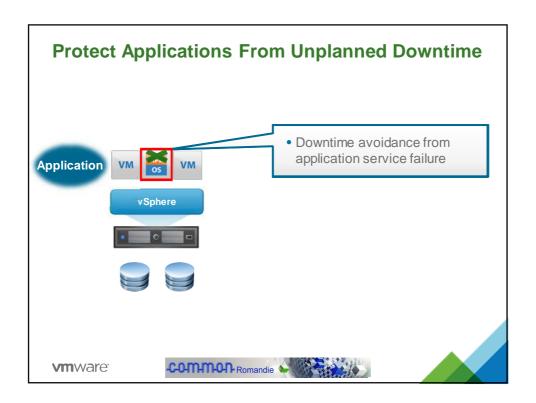


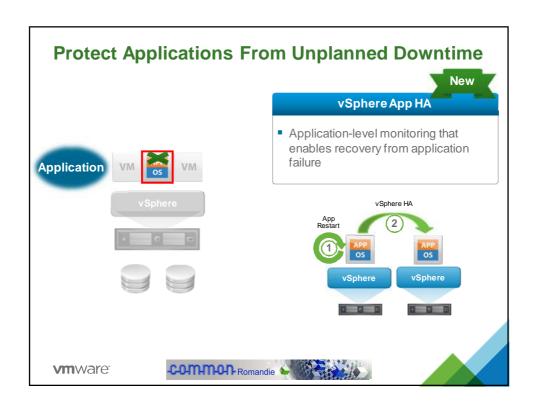


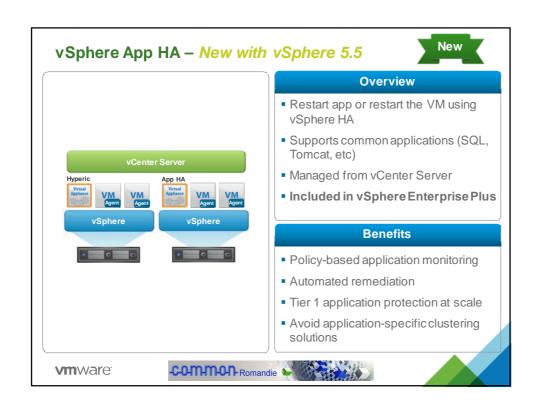


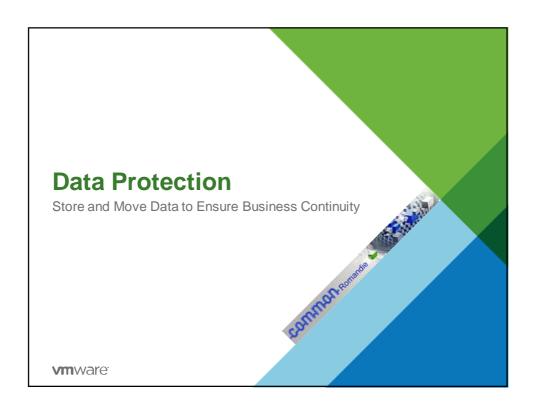


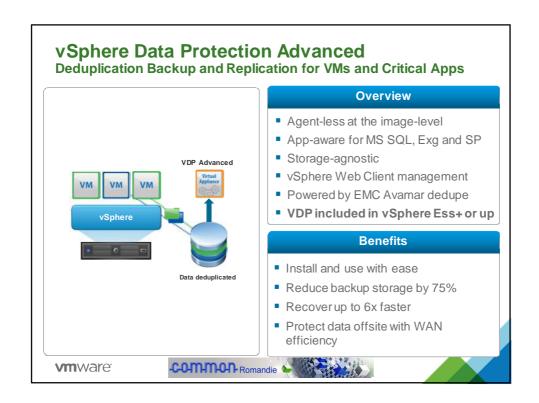


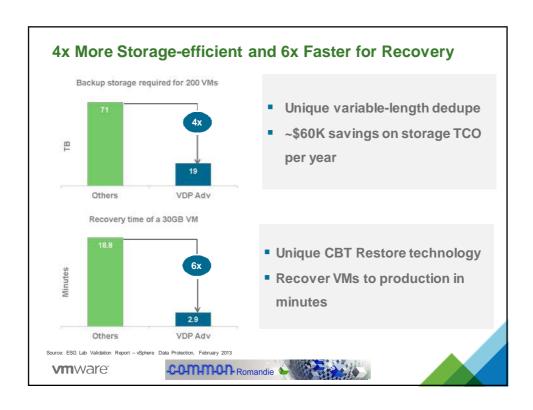


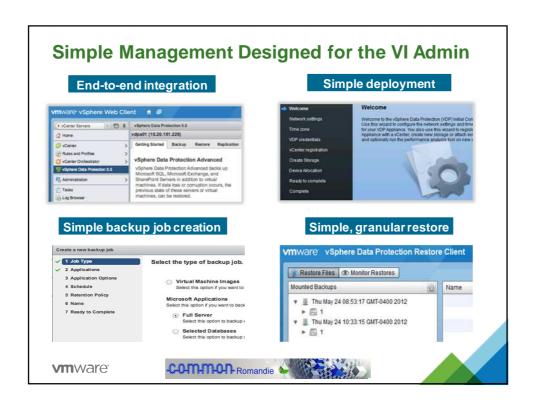


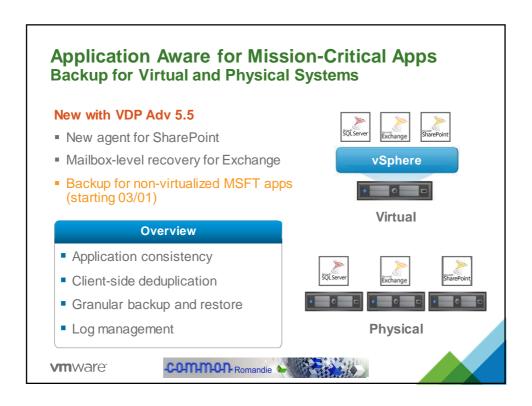


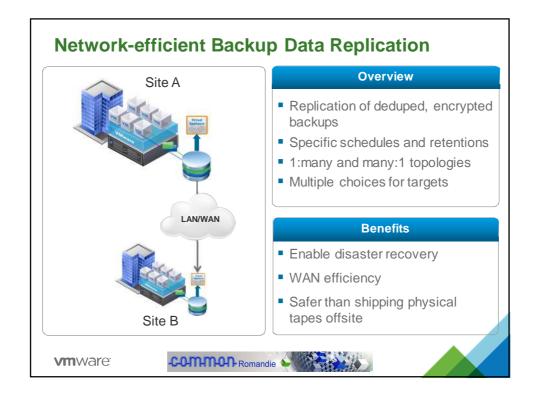


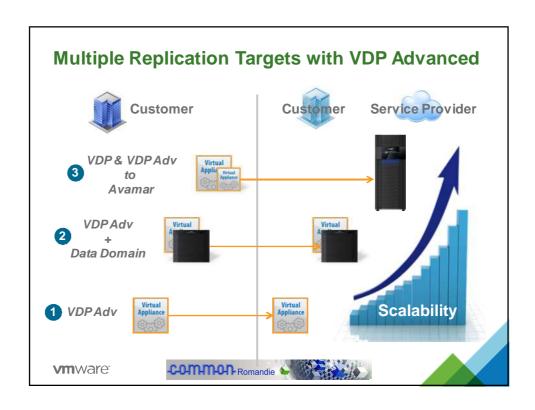


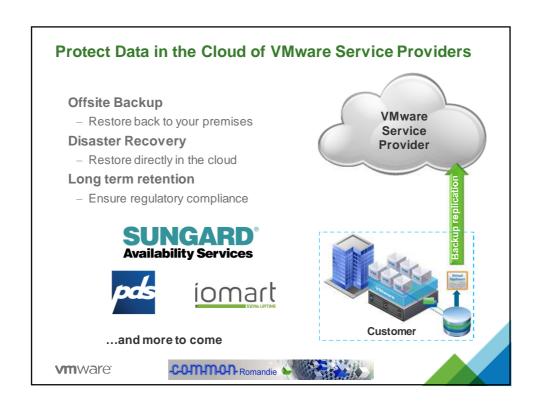


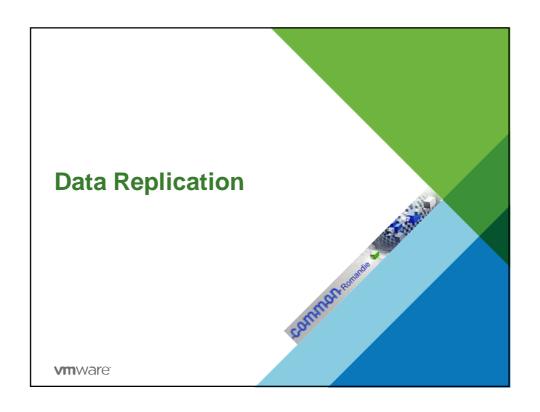


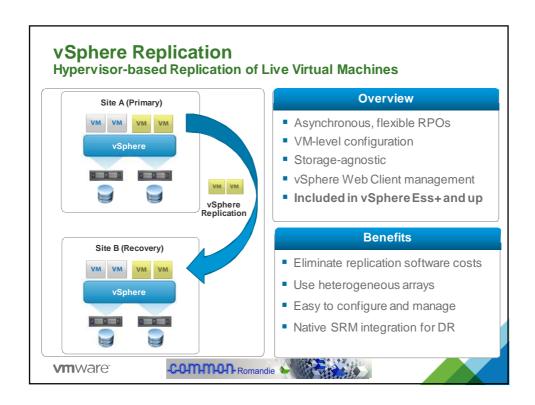


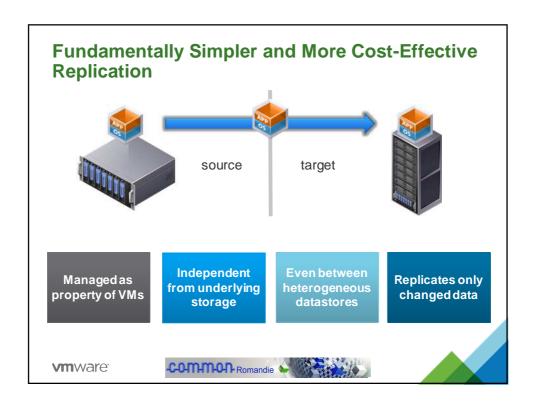














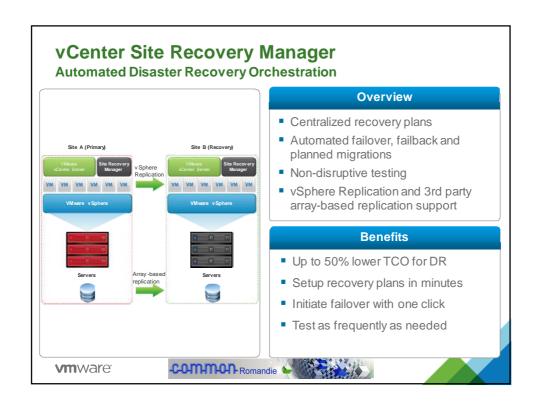
### What's New in vSphere Replication 5.5

- Multiple-point-in-time recovery
- Multiple appliances per vCenter Server
- Support for Storage vMotion and Storage DRS
- Dramatic speed improvement
- Support for VMware Virtual SAN

**vm**ware







New

### What's New in Site Recovery Manager 5.5

- Multiple-point-in-time recovery with vSphere Replication
- Support for Storage vMotion and Storage DRS
- Support for VMware Virtual SAN

**vm**ware



# Beyond DR: Disaster Avoidance And Planned Migrations 3 typical use-cases for SRM

#### **Disaster Recovery**

# Recover from unexpected site failure

• Full or partial site failure

# Least frequent, but most critical use-case

• Cost of downtime is \$145,000 per hour -Forrester

#### **Disaster Avoidance**

# Anticipate data center outages

 Hurricanes, forced evacuation, etc.

# Preventive failover for smooth migration

 Ensures no data-loss and application consistency

#### **Planned Migration**

### Streamline routine migrations

- DC maintenance
- Global load balancing

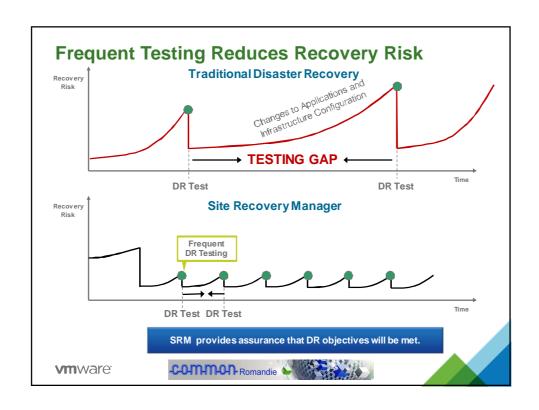
### Most frequent SRM use case

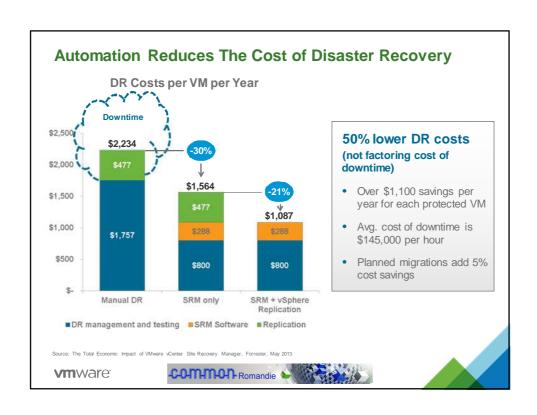
 Bi-directional migrations that can be tested frequently

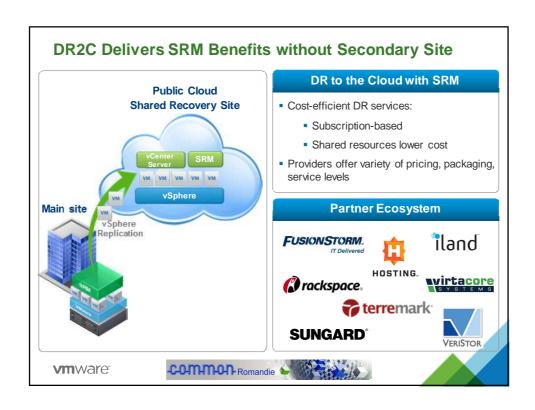
**vm**ware

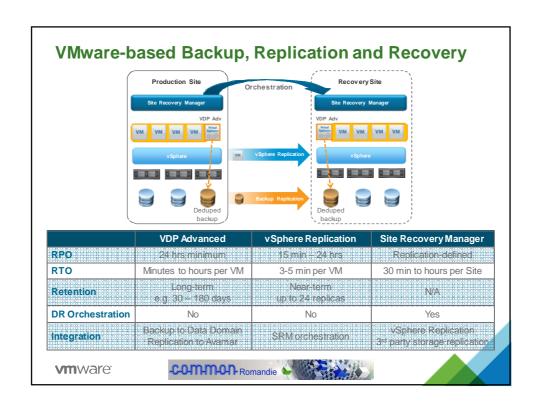




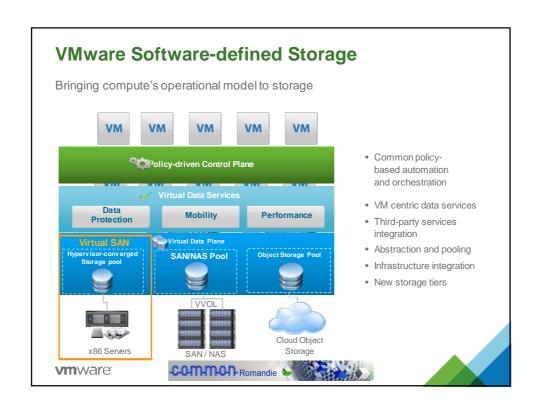


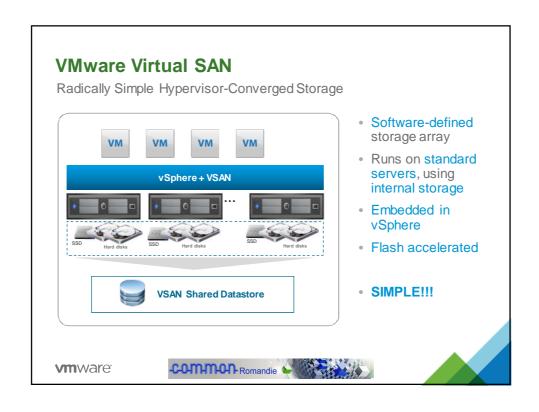


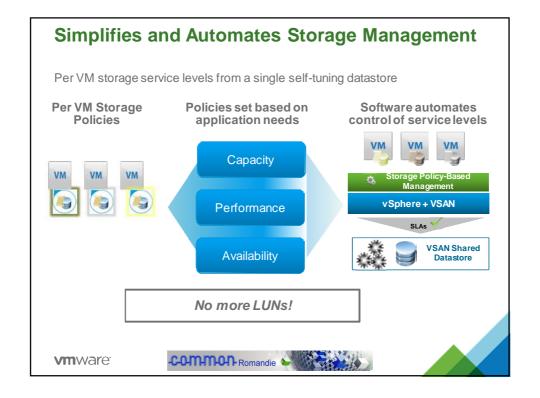












#### Virtual SAN 5.5 - Use Cases

Virtualization optimized storage software that is Simple, Fast and Cost Effective

#### Virtual Desktop (VDI)



- Handle peak performance requirements (boot, login, read/write storms)
- Granularly scale from POC to production without huge upfront investments
- Support high VDI density

Tier 2 / Tier 3 Staging



- Rapid storage provisioning and complete automation
- Ideal price/performance
- Enables Cloud Architect to easily provision storage

#### DR Target



- Integrated with vSphere Replication and VMware SRM
- Reduces cost of storage
- Minimizes data center footprint

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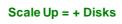


### Storage Evolution for VDI – VSAN Storage Design











- · Storage for VDI is contained within a single server
- Application Latency/Response time is a function of the SSD tier within the Server (milliseconds)
- Allows granular scaling Add one server with SSD & Disk to scale out
- Deployment Simplicity Eliminates need for extensive storage design and sizing
- Accelerate Deployment Customers can quickly go from POC to Pilot to Production

**vm**ware



