



# Get The Private Cloud You Want From the Infrastructure You've Got

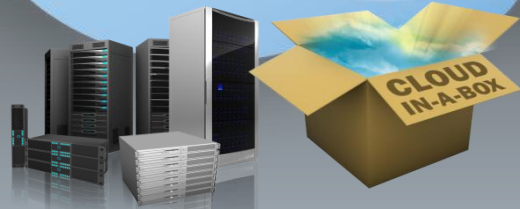
**Claire Rolland**

Director EMEA SAMG Practice

# How Do I Cut Through the Noise?



Public Cloud



# What About Our Existing Data Center Investment?

The image features a man in a black polo shirt in a thinking pose, with his hand on his chin. He is surrounded by several thought bubbles and icons. One large thought bubble contains a row of server racks. Another thought bubble contains a yellow box labeled 'CLOUD IN-A-BOX' with a blue cloud inside. The background is filled with logos of various IT and cloud providers, including:

- Linux (Tux penguin)
- Microsoft Windows
- VMware
- EMC<sup>2</sup> (with tagline 'where information lives')
- ORACLE
- HP
- NetApp
- IBM
- AT&T
- flexiant (with tagline 'utility computing on demand')
- Azure
- LOGGRID

Public Cloud

# Enabling Resilient Private Clouds

“Get the private cloud you want from the infrastructure you’ve got”

## Cloud characteristics



- Pooled Resources



- Elastic



- Resilient



- Agile



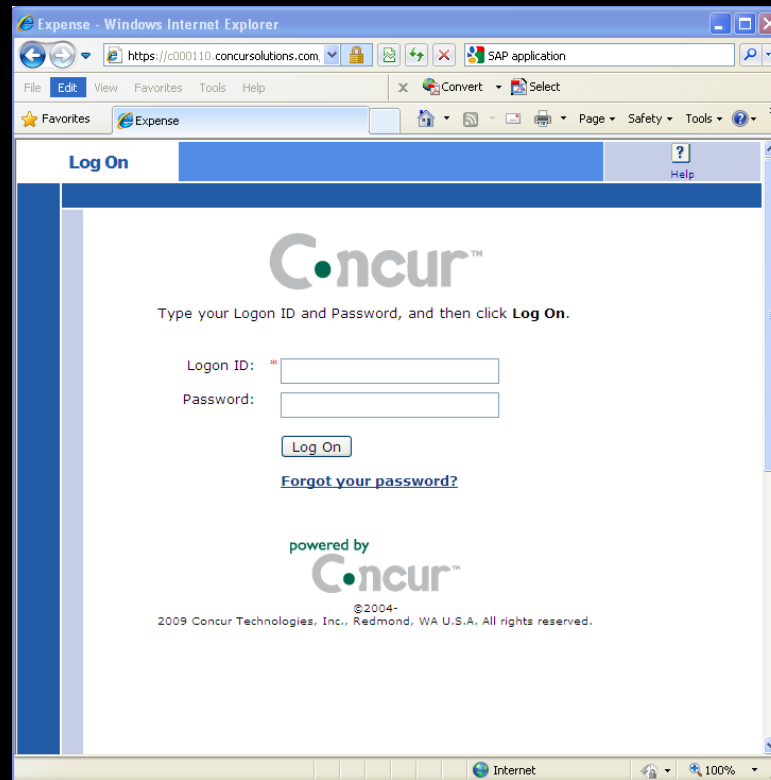
- Metered

## Symantec’s unique value

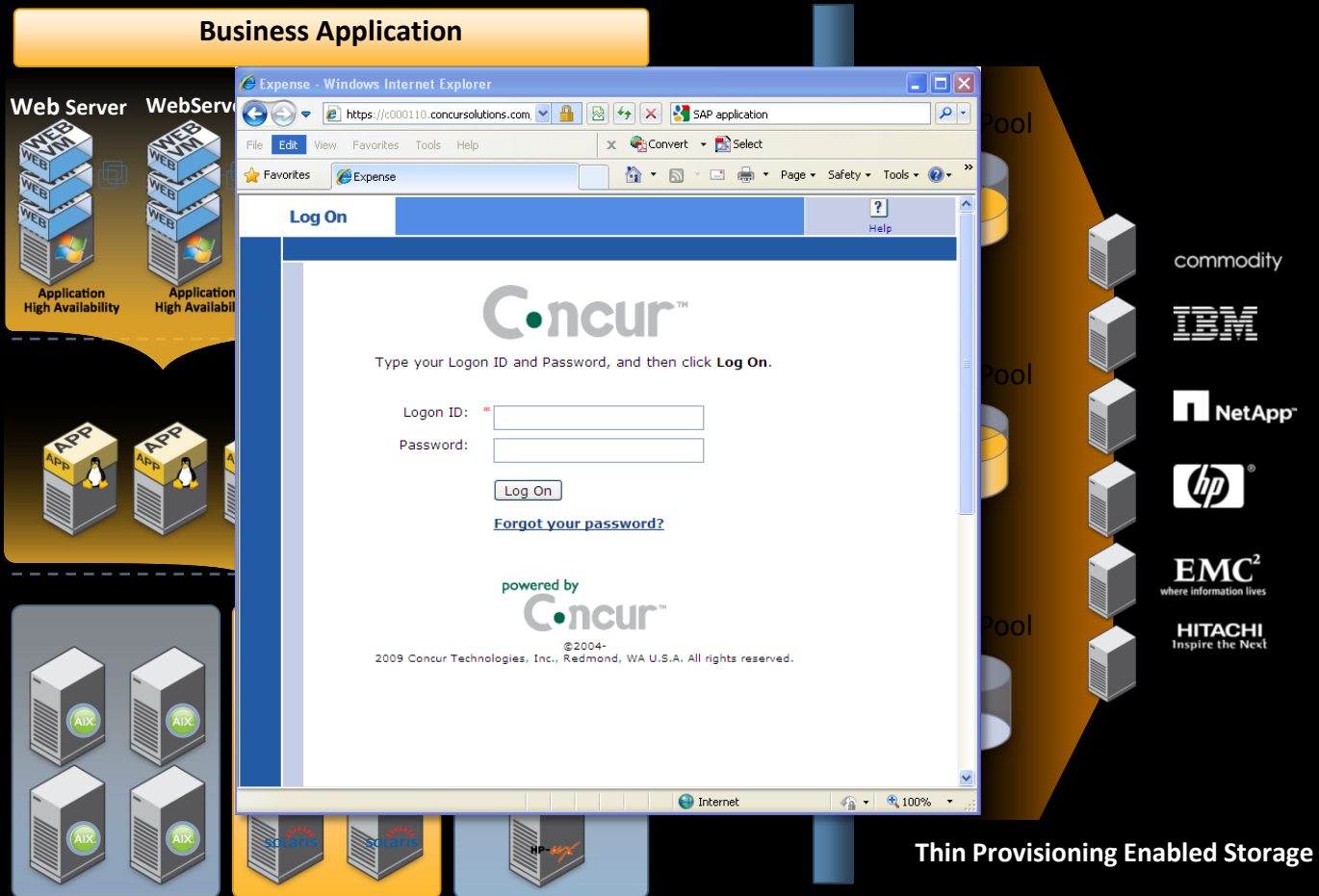
- Any storage hardware, any OS, any virtualization technology
- Market leading high availability and disaster recovery capabilities
- Deep insight into storage usage and the tools to do something about it



# What does the Cloud Looks Like?



# What the Application Really is



# Get the Private Cloud You Want From the Infrastructure You've Got

**Resilient  
Business Services**



**Resilient  
Elastic Storage**



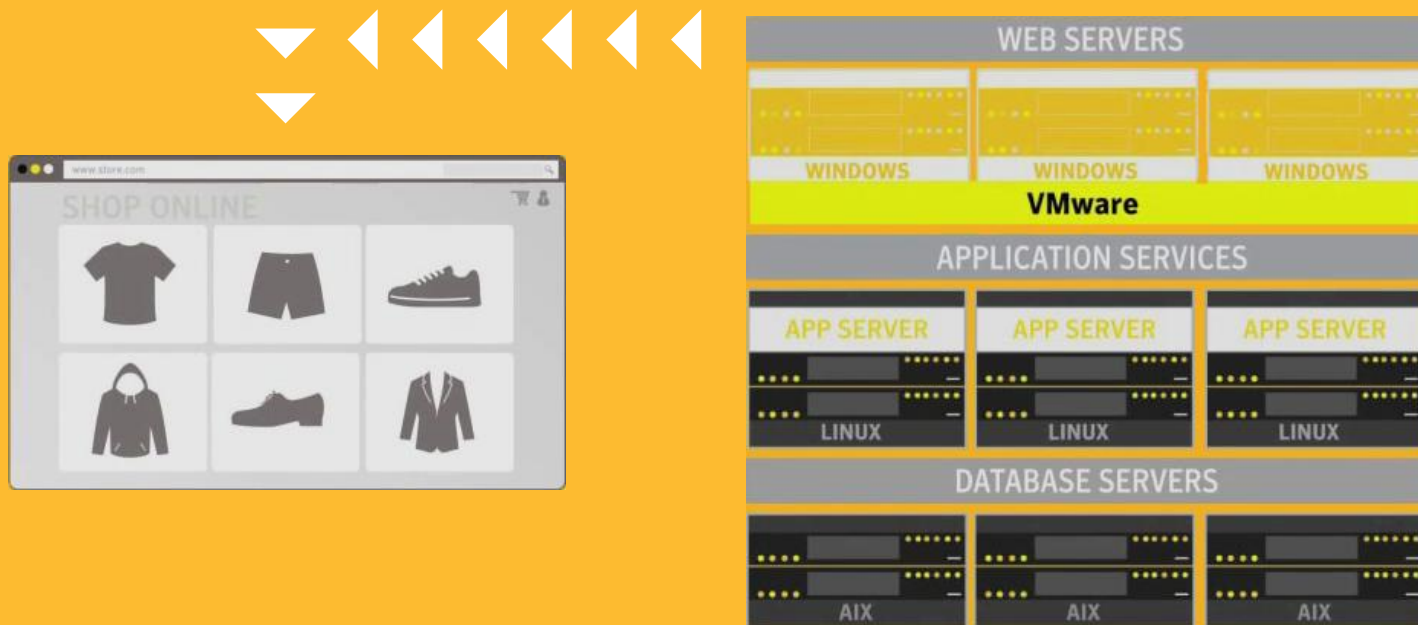
**Information to Action**



Get the Private Cloud You Want From The Infrastructure You've Got



# Resilient Business Services



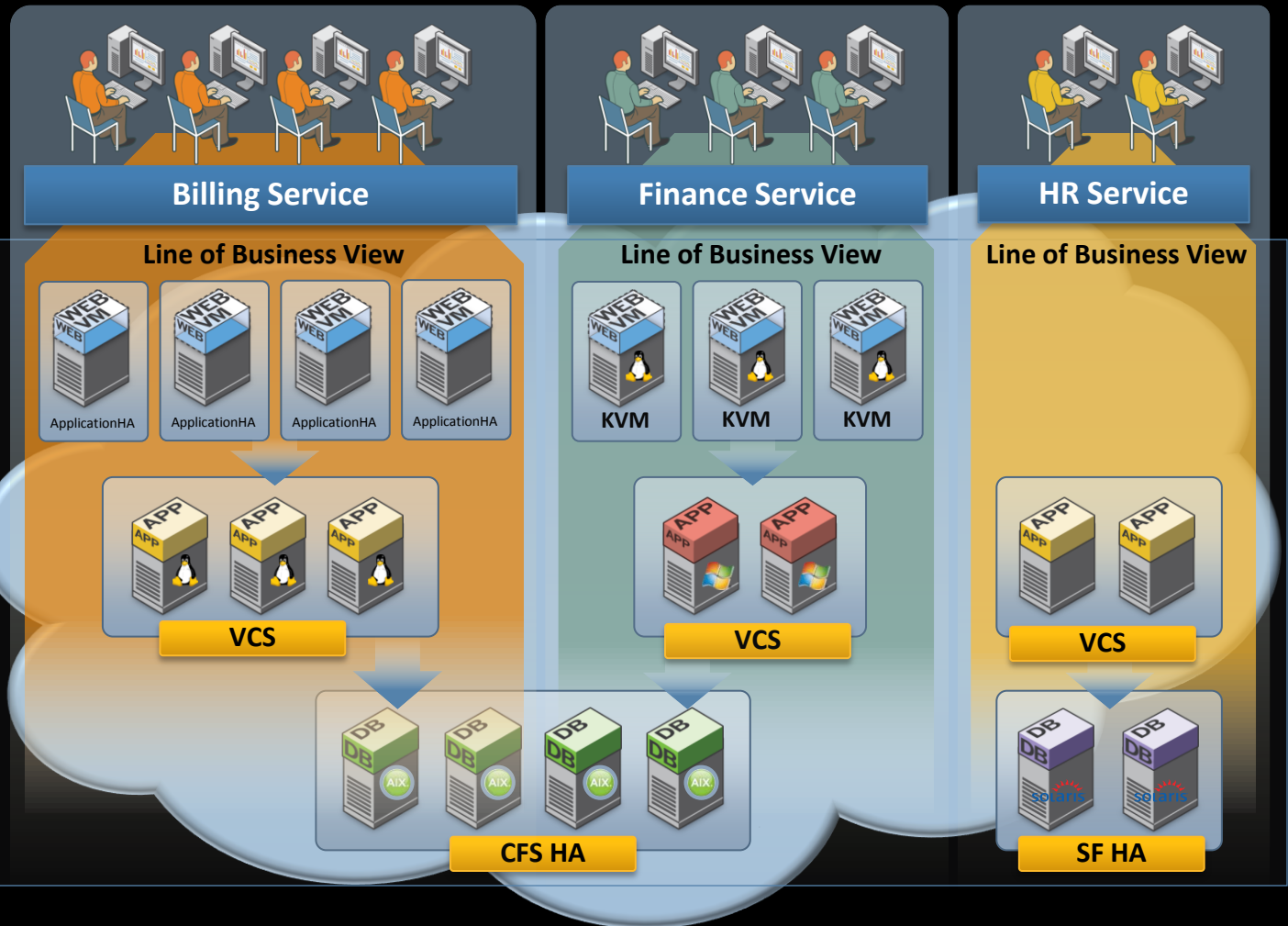
# Resilient Business Services



## Resilience Against:

- Application failure
- Database failure
- Server failure
- Storage failure
- Human error
- Planned downtime
- Site outage

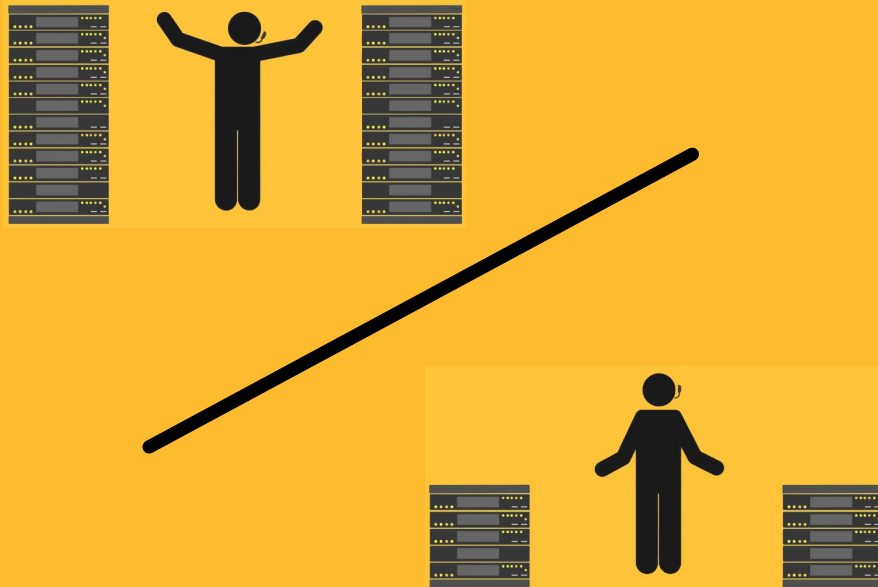
# Virtual Business Services Provides a Holistic View of HA/DR For the Cloud Data Center



# Resilient, Elastic Storage



# Resilient, Elastic Storage



## Optimize Storage:

- Thin migration and reclamation
- DeDuplication
- Compression
- Storage tiering
- Snapshots
- Data Mirroring
- Replication
- Consumption reporting
- Chargeback s



# Intelligence to Action

Veritas Operations  
Manager Advanced



Veritas Operations  
Manager



Storage Foundation

The screenshot displays the Veritas Operations Manager interface. At the top, a navigation breadcrumb shows the path: **Management Summary > Servers > Hosts > cfs14 > svol**. A table lists file systems with their utilization percentages:

File System	Utilization	Another Utilization
cetus	20.50	16.53
cfs1	29.46	7.65
cfs1	29.46	7.65
svol	136.64	136.64
cfs14	27.57	3.40
/usr	3.85	1.62

An **Actions** menu is open, listing: Mirror, Snapshot, Restore, Resize, and Delete. Below this, a summary bar shows: **Disk Group : sdg**, **Host : cfs14**, **Condition : Healthy**, **State : Healthy**, and **Layout : Simple**. At the bottom, a **Disks** table is shown:

Name	Source Device	Condition	Host	Enclosure	Datastore Name	Disk Group	VxVM Name	State	VxVM Disk Size
ct1d0s2	-	Healthy	cfs14	-	-	sdg	disk_1	In Use	68.33 GB
ct1d0s2	-	Healthy	cfs14	-	-	sdg	disk_2	In Use	68.32 GB

# Get the Private Cloud You Want From the Infrastructure You've Got

**Resilient  
Business Services**



**Resilient  
Elastic Storage**



**Information to Action**



# Contact details Symantec Netherlands

- Willem-Jan Bruin – Managing Director
  - [willemjan\\_bruin@symantec.com](mailto:willemjan_bruin@symantec.com)
  - +31 (0)6 83889966
- Richard van den Oudenalder – Alliance Manager
  - [Richard\\_Oudenalder@symantec.com](mailto:Richard_Oudenalder@symantec.com)
  - +31 (0)6 53294235
- Erik van Veen – Sr. Manager Technical Sales Organisation
  - [erik\\_vanveen@symantec.com](mailto:erik_vanveen@symantec.com)
  - +31 (0)6 51525487



# Thank you!

Claire Roland

Claire\_Rolland@symantec.com

Copyright © 2011 Symantec Corporation. All rights reserved. Symantec and the Symantec Logo are trademarks or registered trademarks of Symantec Corporation or its affiliates in the U.S. and other countries. Other names may be trademarks of their respective owners.

This document is provided for informational purposes only and is not intended as advertising. All warranties relating to the information in this document, either express or implied, are disclaimed to the maximum extent allowed by law. The information in this document is subject to change without notice.