

Tessitura



**EUROPEAN
CONFERENCE 2015**

**5 & 6 NOVEMBER
NOTTINGHAM**

THE VIRTUAL WORLD

**GIVE YOUR DATA TO
THE SHERIFF**

PANEL

Matt Cornell : Mayflower Theatre

Paul Thompson : Mayflower Theatre

Robert Cohn : Royal Shakespeare Company

Ean Burgon : Royal Exchange Theatre

MODERATOR

Ben Magson : Tessitura Network

CONTENT PLANNERS

Debbie Harland : The Old Vic

Dara Hogan : Abbey Theatre

Caspian Turner : Southbank Centre

Annie Scally : Ticketing Network East Midlands

Jessitura



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PANEL

Mayflower
Theatre

MATT CORNELL
Mayflower Theatre
matthew.cornell@mayflower.org.uk

Mayflower
Theatre

PAUL THOMPSON
Mayflower Theatre
paul.thompson@mayflower.org.uk



ROBERT COHN
Royal Shakespeare Company
robert.cohn@rsc.org.uk



EAN BURGON
Royal Exchange Theatre
ean.burgon@royalexchange.co.uk



Tessitura European Conference 2015

The Virtual World

Matthew Cornell & Paul Thompson

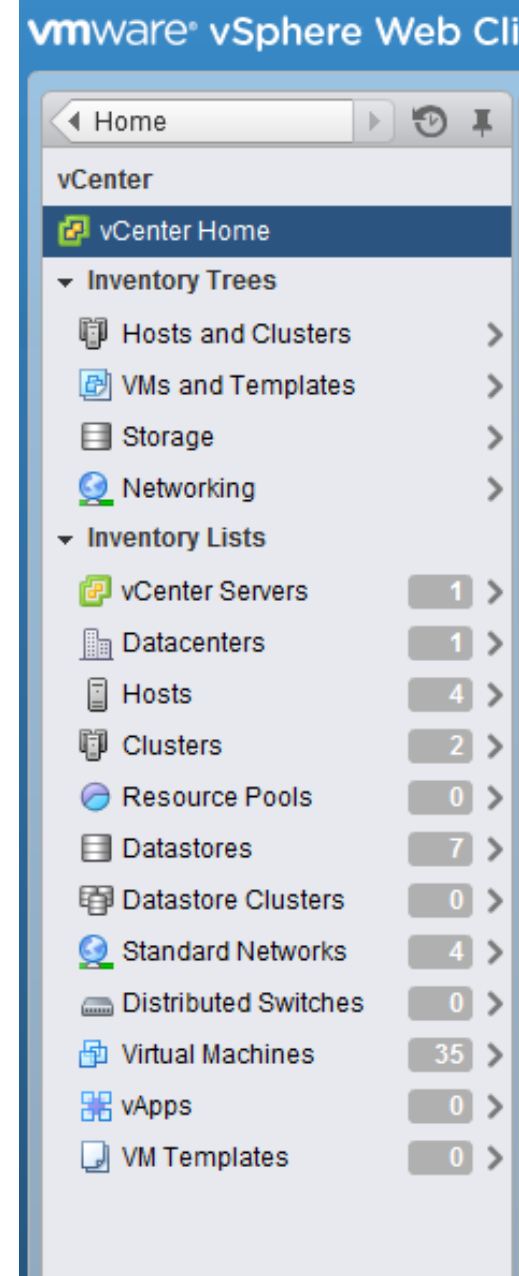
Mayflower
Theatre

Mayflower
Theatre

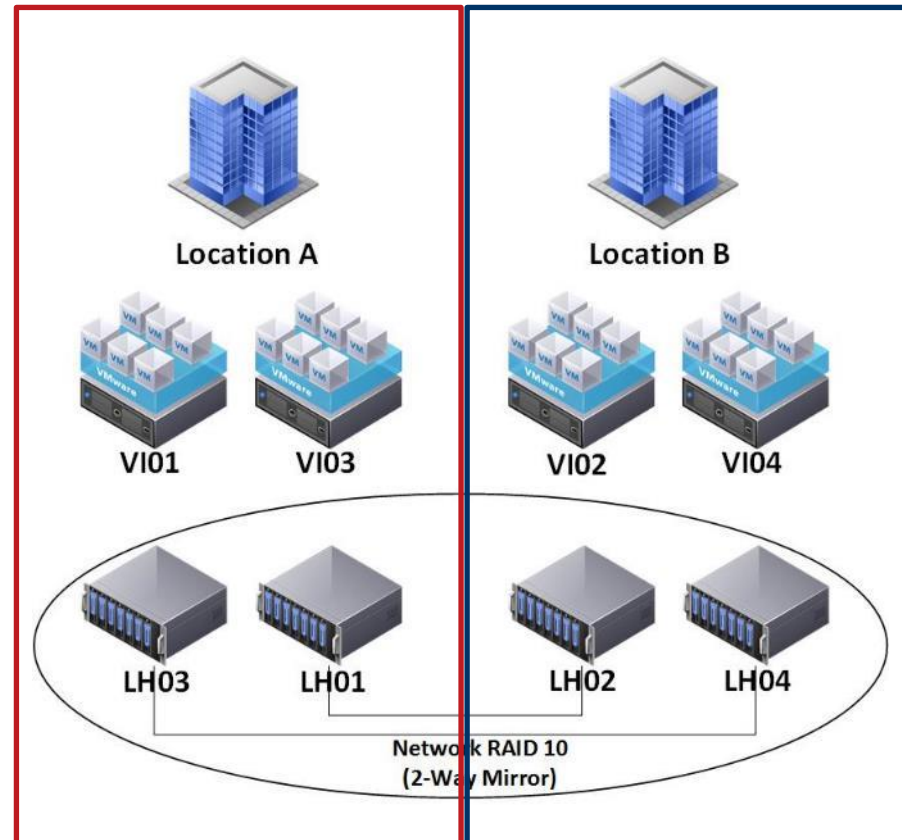


Virtual Infrastructure

- Virtualised on premise 2006
 - vSphere ESXi 5.5 Enterprise
 - VEEAM Backup
- Hybrid-Cloud introduced 2014



On-Site infrastructure – VMware ESX Clusters



Is Cloud right for you? Top 10 questions to ask

1. Exit Plan
2. Is it a true cloud?
3. Offer an end-to-end SLA?
4. Data protection & location?
5. Industry standards (ISO, PCI, FIPS)?

Is Cloud right for you? Top 10 questions to ask

6. Connectivity requirements ?

7. Existing investment?

8. Software requirements (IOPS/RAM/CPU)

9. Financial stability

10. Flexibility

On-premise

vs

Cloud

Scalability limited by Hardware



Dynamic scalability

Reliability our responsibility



Guaranteed reliability

PCI-DSS Compliancy



PCI-DSS Compliancy

Known Data Location



Where is our Data?

Internal support burden



24x7 Monitoring

CAPEX



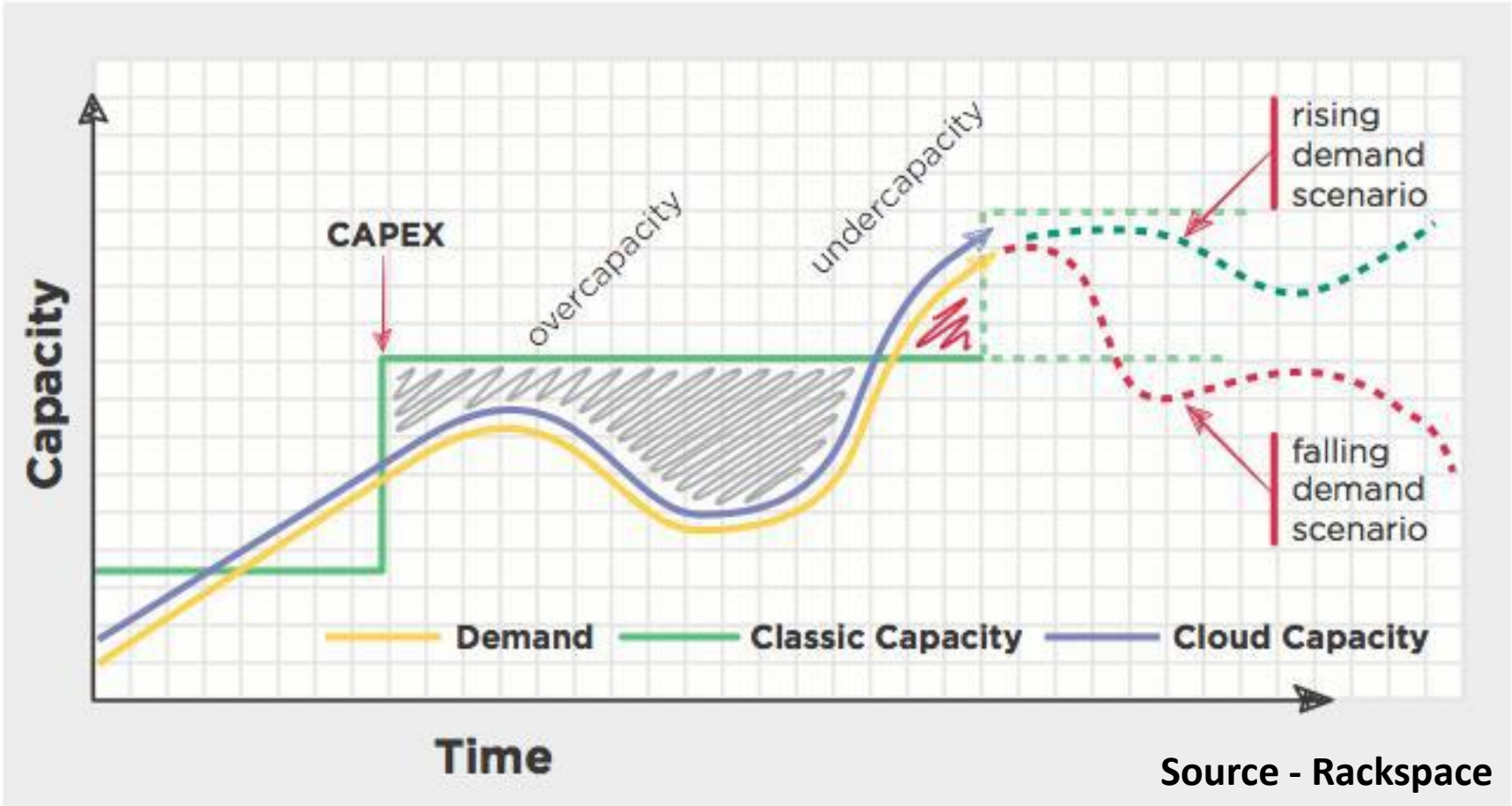
OPEX

On-premise

vs

Cloud

Example: Capex to Opex



Cloud Hosting – A Big Market

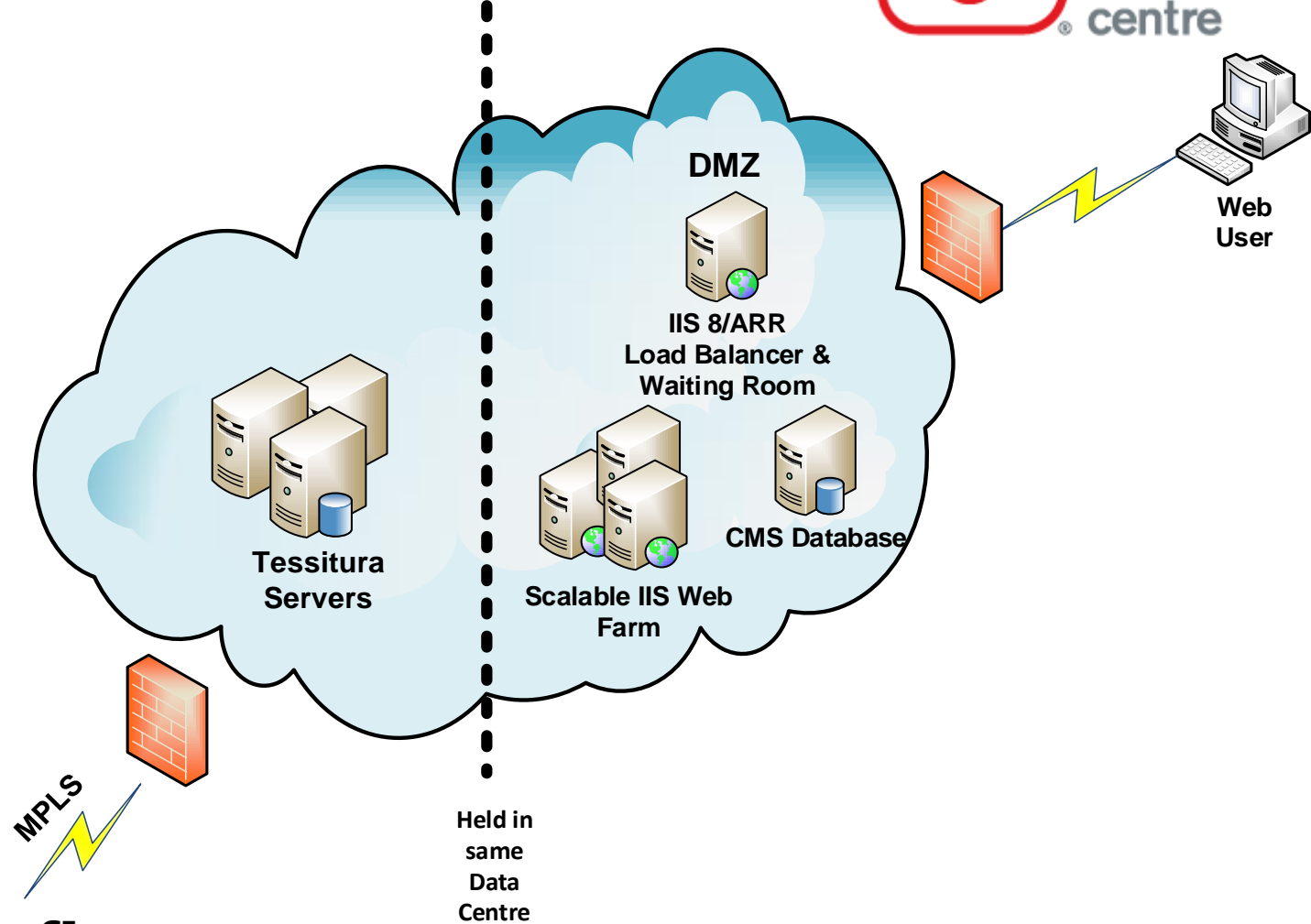


Claranet Virtual Data Centre



- Pay as you go Infrastructure as a Service
- MPLS Connection to our site
- Control over backups
- PCI DSS compliant
- UK Datacentre

Claranet Virtual Data Centre

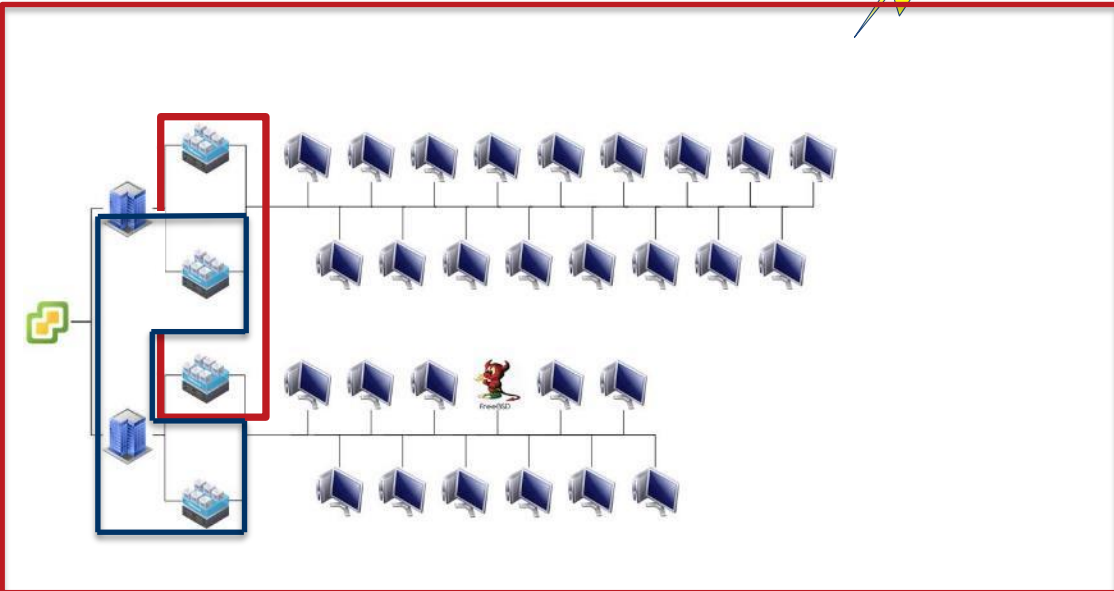
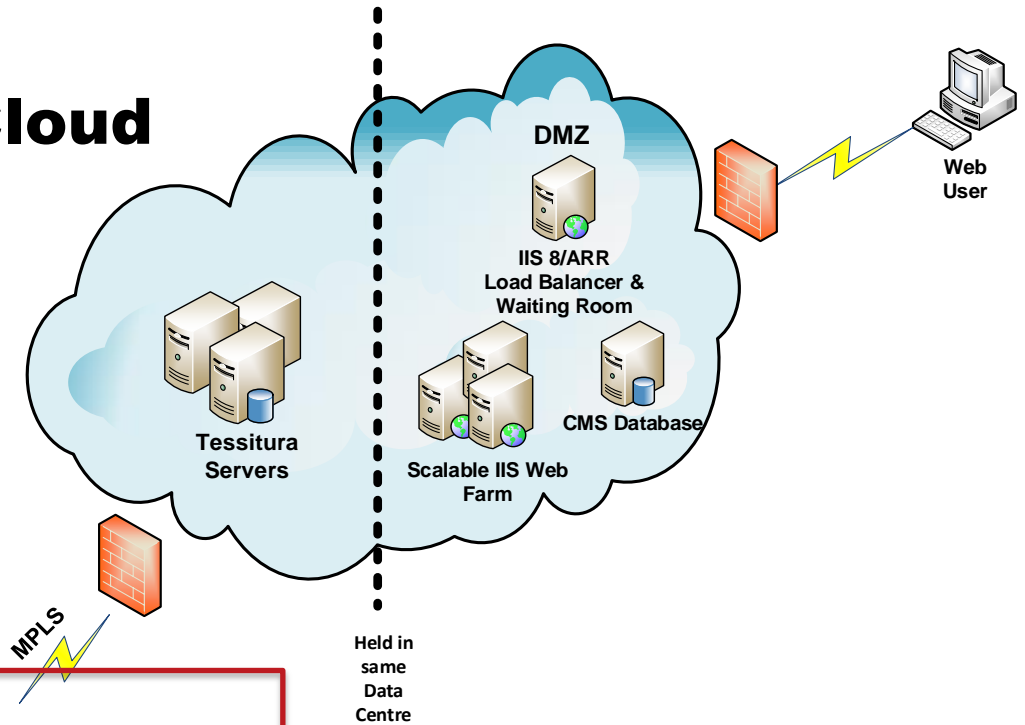


Mayflower
Theatre

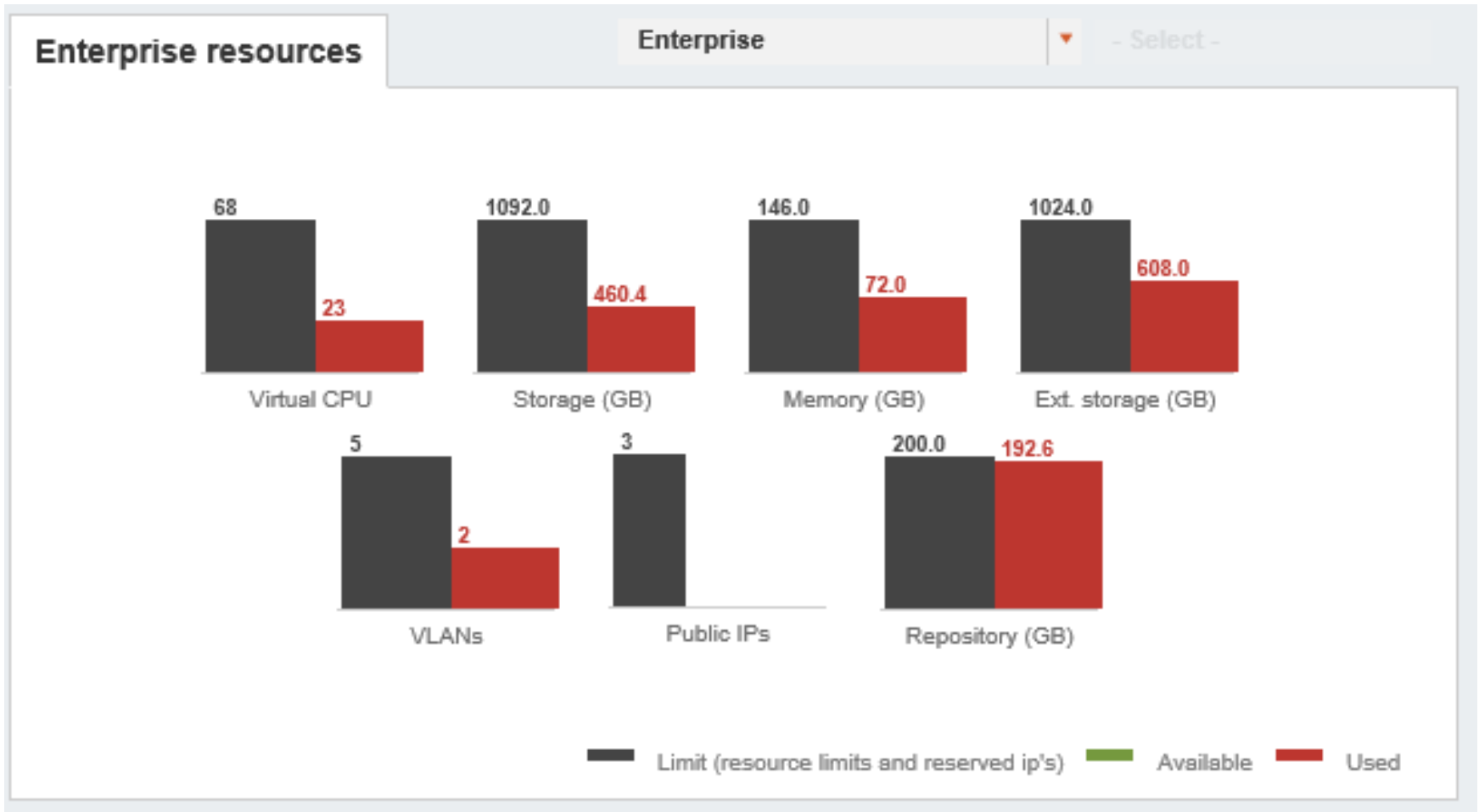
Mayflower
Theatre

LOVE PERFORMANCE LIVE PERFORMANCE

Result: IaaS Hybrid Cloud Solution



Claranet Virtual Data Centre



Claranet Virtual Data Centre



Home



Virtual Datacentres



Apps library



Users






















Events



Virtual Machine Templates: Show All Categories



Q search

 (Tess... #CPU 1 (2048 MB)	 CentOS 7.0 x86... #CPU 1 (1024 MB)	 Centos6.4x86_64 #CPU 1 (1024 MB)	 Citrix Netscaler... #CPU 2 (2048 MB)	 Debian Linux 7... #CPU 1 (1024 MB)	 Debian Linux 8... #CPU 1 (1024 MB)	 (Tessitur... #CPU 1 (2048 MB)	 pfSense 2.2.4 #CPU 1 (512 MB)
 pfsense-2.0.3 #CPU 1 (512 MB)	 (Tessit... #CPU 1 (2048 MB)	 (Tes... #CPU 1 (2048 MB)	 Ubuntu 12.04 (... #CPU 1 (1024 MB)	 Ubuntu 14.04 (T... #CPU 1 (1024 MB)	 Ubuntu Linux 1... #CPU 1 (1024 MB)	 Windows Serve... #CPU 1 (4096 MB)	 Windows Serve... #CPU 1 (2048 MB)
 Windows Serve... #CPU 1 (4096 MB)	 Windows Serve... #CPU 1 (4096 MB)	 nsvpx-9.3-52.3 #CPU 1 (2048 MB)					

Claranet Virtual Data Centre



Edit Virtual Machine [?] [x]

General information **Network** **Storage** **Backup configuration**

Snapshot **Filesystem** **Complete** **Latest backups**

Date/Time	Name	Type	Size	Status
2015/10/21 - 23:15:13	Daily	Snapshot	14.71 GB	Completed
2015/10/21 - 1:35:08	Daily	Snapshot	14.70 GB	Completed
2015/10/20 - 0:41:59	Daily	Snapshot	14.69 GB	Completed
2015/10/19 - 3:25:11	Daily	Snapshot	14.68 GB	Completed
2015/10/18 - 6:00:07	Daily	Snapshot	14.68 GB	Completed
2015/10/17 - 6:38:28	Daily	Snapshot	14.67 GB	Completed
2015/10/16 - 2:59:20	Daily	Snapshot	14.66 GB	Completed

Scalable Web Server Farm



- Application Request Routing 3.0
 - Acts as Load Balancer
 - **Free** IIS extension
- One Server acts as a Primary
- All web content replicated to Secondary Servers
- Automatic Provisioning through Custom VM Template
- ARR could be used to scale Tessitura API

Connections

Start Page

- Application Pools
- Sites
- Server Farms
 - WebFarm
 - Servers

Server Farm

Group by: Area

Server Farm

- Application Provisioning
- Caching
- Health Test
- Load Balance
- Monitoring and Manag...
- Platform Provisioning
- Proxy
- Routing Rules
- Server Affinity
- Workflow Builder

Actions

- Edit...
- Remove
- Take Server Farm Offline
- Reboot Server Farm
- Repair Server Farm
- Provision Platform
- Provision Applications
- Server Farm Operations...
- Install Products...
- Help

Lion King 2014 – General On Sale Day 1!



Waiting Room

- New for 2015, developed in-house
- Custom Rewrite Provider that sits on IIS ARR Load Balancing Server
- User limits and thresholds configurable
- In-place 24/7, kicks in when limits are reached automatically
- ***Seeking new customers...!***

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QUESTIONS?

- Please tell us who you are and where you are from.....

Jessitura



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WHAT'S NEXT?

🕒 BREAK 4.30PM – 5PM

You will find refreshments in or near all conference rooms. We suggest that you find a drink at your next session location.

🕒 NEXT SESSION : 5PM - 6PM