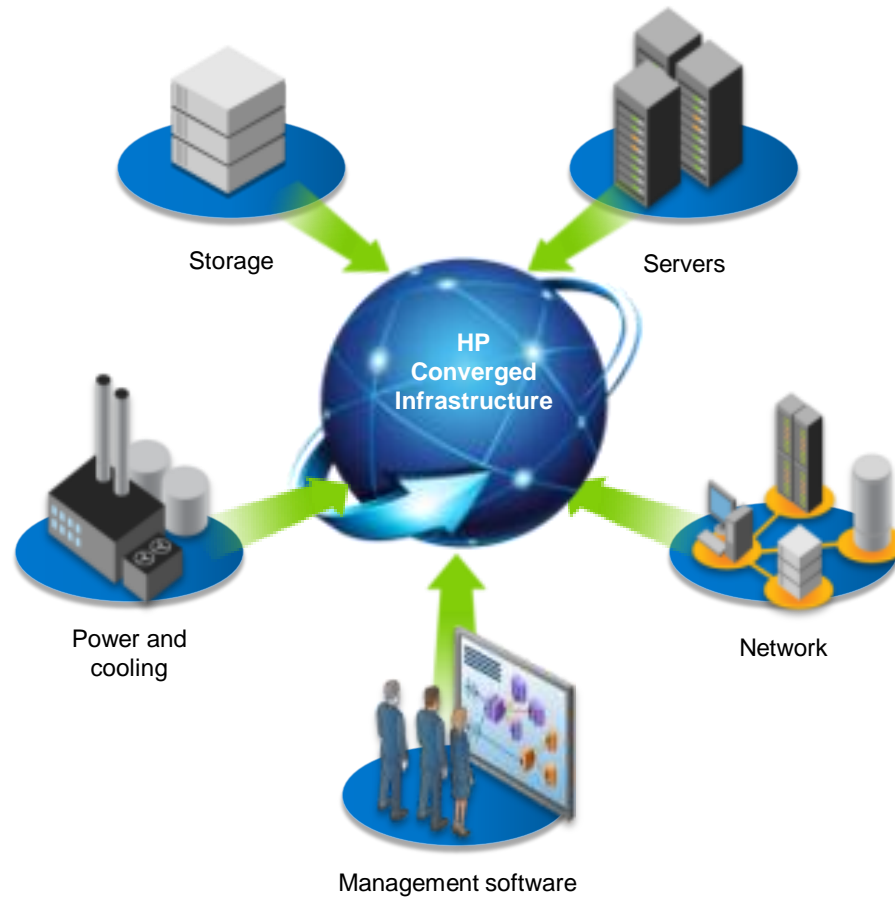


Infraštruktúra ako služba na kľúč

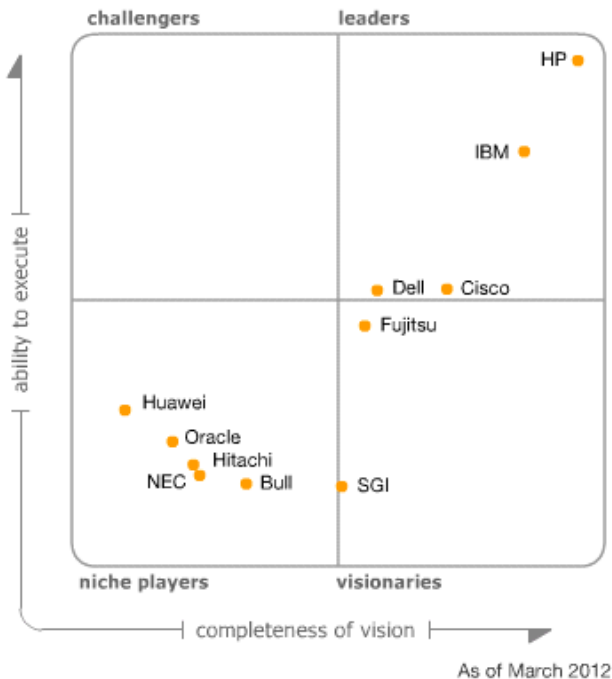
Michal Sapák, mission-critical ambassador
Hewlett-Packard Slovakia, s.r.o.



Konvergovaná infraštruktúra



HP BladeSystem



“HP's integrated system portfolio (and new initiatives like Moonshot, Voyager and Odyssey) build on the BladeSystem architecture, creating arguably the most comprehensive blade-based portfolio in the industry.”

Source: Gartner Magic Quadrant for Blade Servers
March, 2012
ID Number: G00225510

HP BladeSystem



- Modulárny stavebnicový blok
- Centralizovaný menežment
- Oddelené napájanie a chladenie



- 10U
- 16 pozícií pre servery
- 4 dvojice sieťových prvkov



IT
admin

Logické servery



MATRIX OE (Insight Dynamics)

- MAC addresses
- Network connections
- FC WWNs
- Storage connections
- Storage boot parameters
- PXE boot parameters
- Virtual Serial Number
- Profile failover resources



IT
admin

OE + Hypervizory



CSA for Matrix
Server Automation

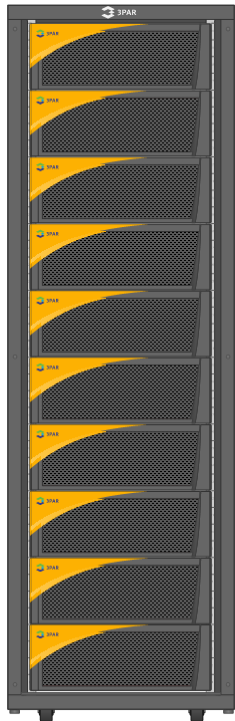


IT
admin

MATRIX OE



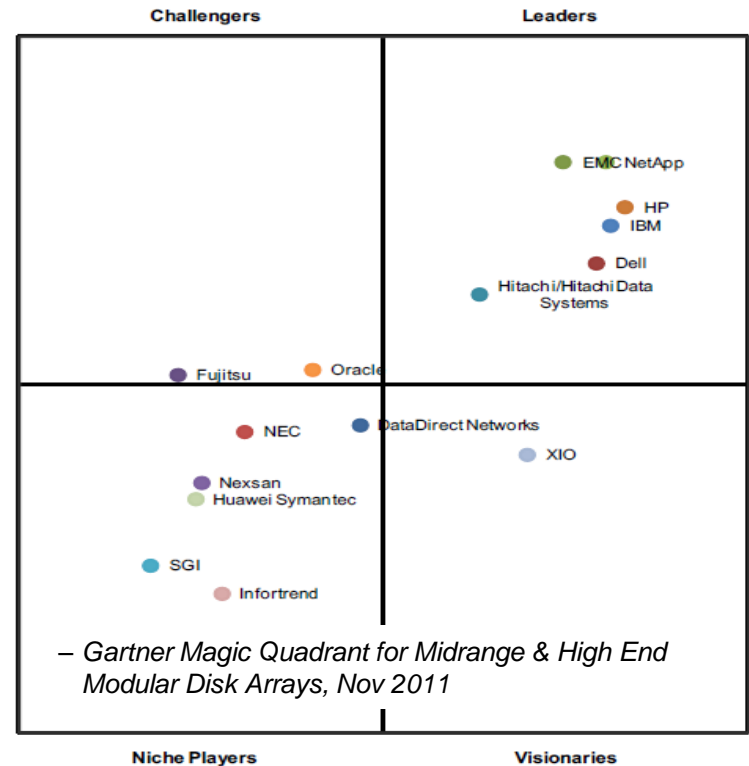
Storage + SAN



Storage Provisioning Manager



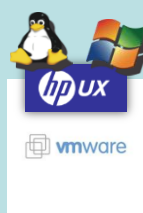
- Multitendant
- Next-Gen Tier 1 Storage Architecture
- Autonomic Storage
- Thin Technologies



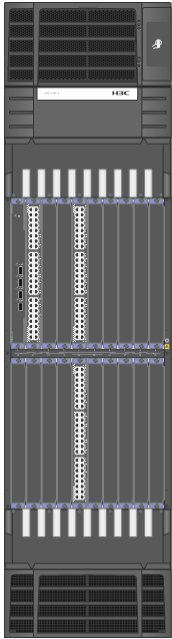
MATRIX OE



Server Automation



Network



CSA

Network Automation

- Open
- Scalable
- Secure
- Agile
- Consistent

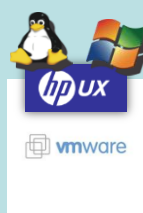


IT
admin

MATRIX OE



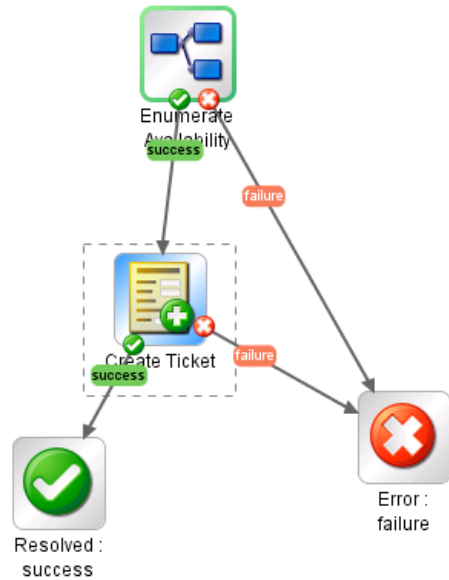
Server Automation



Storage Provisioning Manager



Orchestrácia

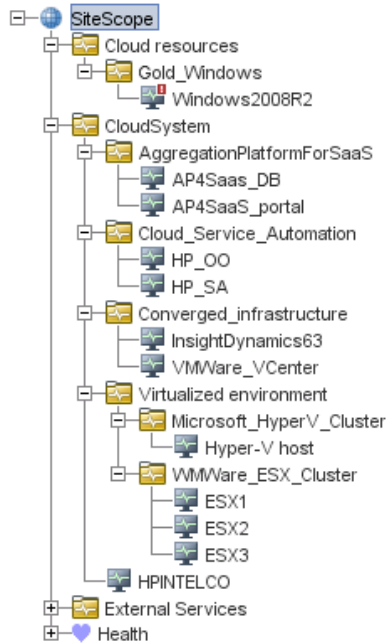


- HP Operations Orchestration (HP OO) software automates the tasks and processes in the data center using workflows that help IT teams execute change with greater speed, quality, and consistency.



| | | | |
|----------------------|---|---|-------------------------------|
| MATRIX OE | Server Automation hp UX vmware | Storage Provisioning Manager | Network Automation |
|----------------------|---|---|-------------------------------|

Dohl'ad



- HP SiteScope software monitors IT infrastructure and applications remotely without installing any software on target servers. Collect server and application availability and performance data very quickly, across physical and virtual servers.

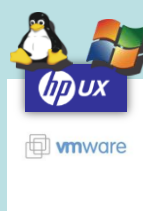


IT
admin

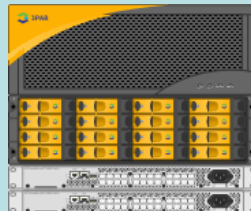
MATRIX OE



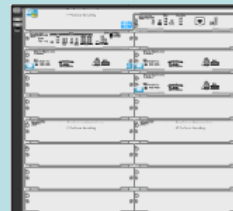
**Server
Automation**



**Storage
Provisioning
Manager**



**Network
Automation**



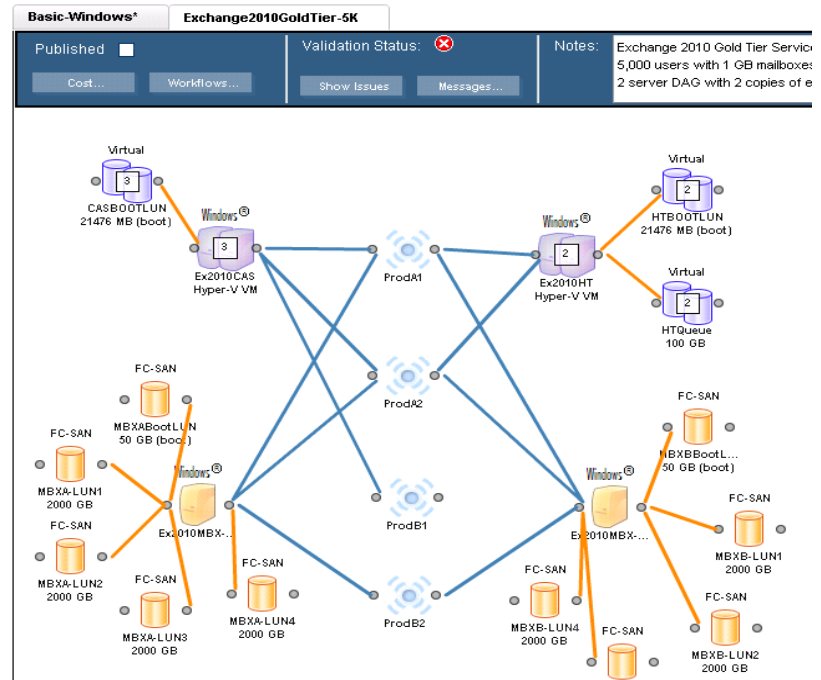
**Operation
Orchestration**



Šablóna infraštruktúry



Cloud Architect

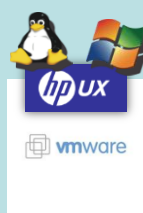


IT admin

MATRIX OE



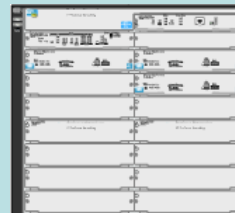
Server Automation



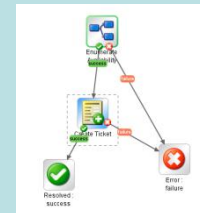
Storage Provisioning Manager



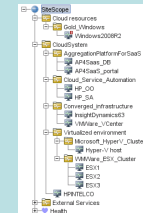
Network Automation



Operation Orchestration



SiteScope



Katalóg



hp Insight Orchestration

Home Templates My Requests My Services My Pools My History My Calendar

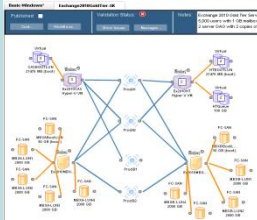
View and submit available templates.

View Details New Edit Delete Create Service

| | Name | Last Modified Date | Cost |
|----------------------------------|-------------------------|---------------------|-----------|
| <input type="radio"/> | 4n11gR2RAC | 05/09/2011 10:07 AM | \$ 0.00 |
| <input type="radio"/> | Basic-LAMP | 10/24/2011 01:23 PM | \$ 0.00 |
| <input type="radio"/> | Basic-Lamp-SA | 10/24/2011 01:30 PM | \$ 0.00 |
| <input type="radio"/> | Basic-Linux | 10/24/2011 01:30 PM | \$ 350.00 |
| <input checked="" type="radio"/> | Basic-Windows | 10/24/2011 01:31 PM | \$ 350.00 |
| <input type="radio"/> | Exchange | 08/09/2011 02:59 PM | \$ 0.00 |
| <input type="radio"/> | Exchange2010GoldTier-5K | 05/09/2011 10:10 AM | \$ 0.00 |
| <input type="radio"/> | ExchangeAD | 10/13/2011 02:49 PM | \$ 0.00 |



Cloud Architect

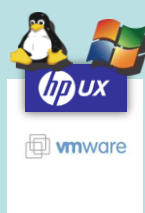


IT admin

MATRIX OE



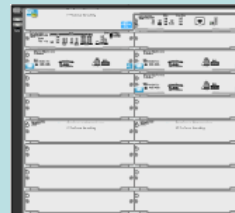
Server Automation



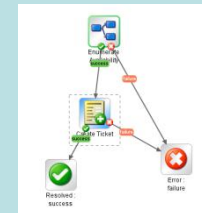
Storage Provisioning Manager



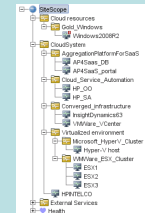
Network Automation



Operation Orchestration



SiteScope



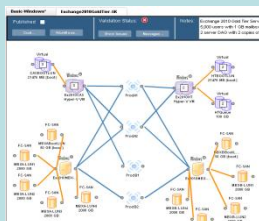
HP CloudSystem



Cloud User



Cloud Architect



Insight Orchestration

Home Templates My Requests My Services My Pools My History My Calendar

View and submit available templates...

| Name | Last Modified Date | Cost |
|-------------------------|---------------------|-----------|
| 4n11gR2RAC | 05/09/2011 10:07 AM | \$ 0.00 |
| Basic-LAMP | 10/24/2011 01:23 PM | \$ 0.00 |
| Basic-Lamp-SA | 10/24/2011 01:50 PM | \$ 0.00 |
| Basic-Linux | 10/24/2011 01:30 PM | \$ 300.00 |
| Basic-Windows | 10/24/2011 01:34 PM | \$ 350.00 |
| Exchange | 08/09/2011 02:59 PM | \$ 0.00 |
| Exchange2010sdl0Tier-SK | 05/09/2011 10:10 AM | \$ 0.00 |
| ExchangeAD | 10/19/2011 02:49 PM | \$ 0.00 |

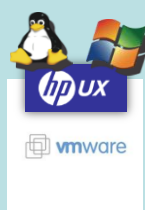


IT admin

MATRIX OE



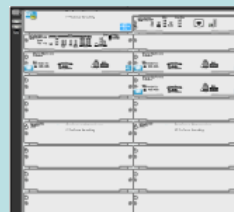
Server Automation



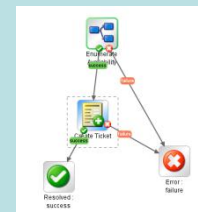
Storage Provisioning Manager



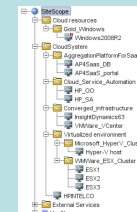
Network Automation



Operation Orchestration



SiteScope



HP CloudSystem



The most complete, open, integrated system to build and manage clouds

Services in minutes, managed for a lifetime

Intelligent automation and lifecycle management

Reduced complexity

Integrated and supported by single vendor, pre-packaged service design tools

No vendor lock-in

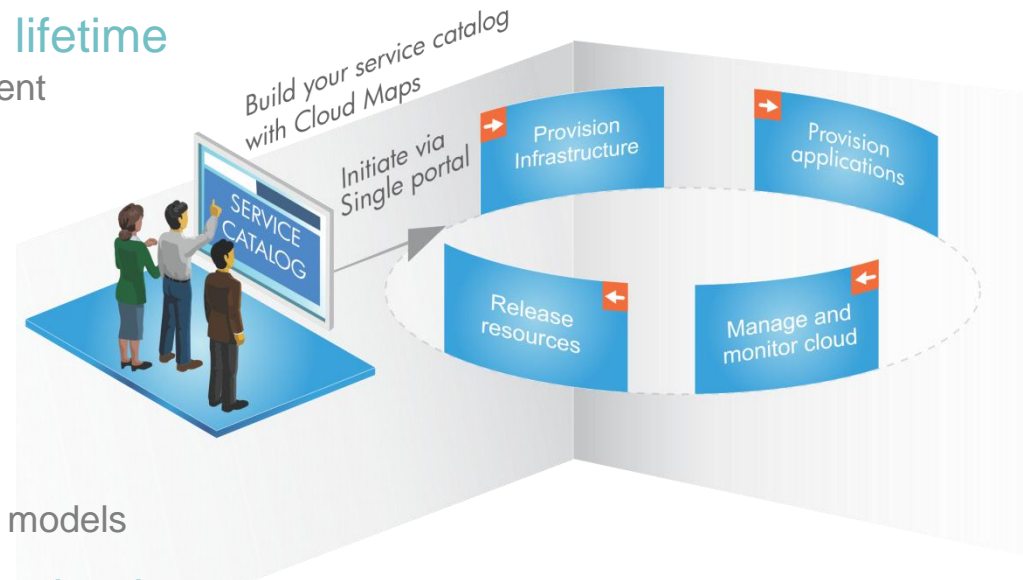
Open, heterogeneous

Built to adapt

Flexible, scalable, all service and deployment models

Built on proven, marketing leading technology

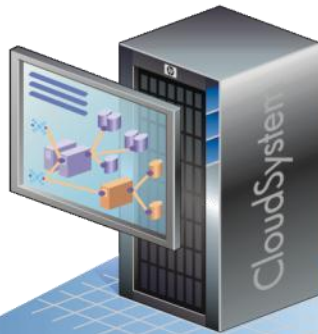
Converged Infrastructure, Automation, Management and Security Software



HP CloudSystem offerings



HP CloudSystem
Matrix



- Infrastructure and basic application provisioning in minutes

HP CloudSystem
Enterprise



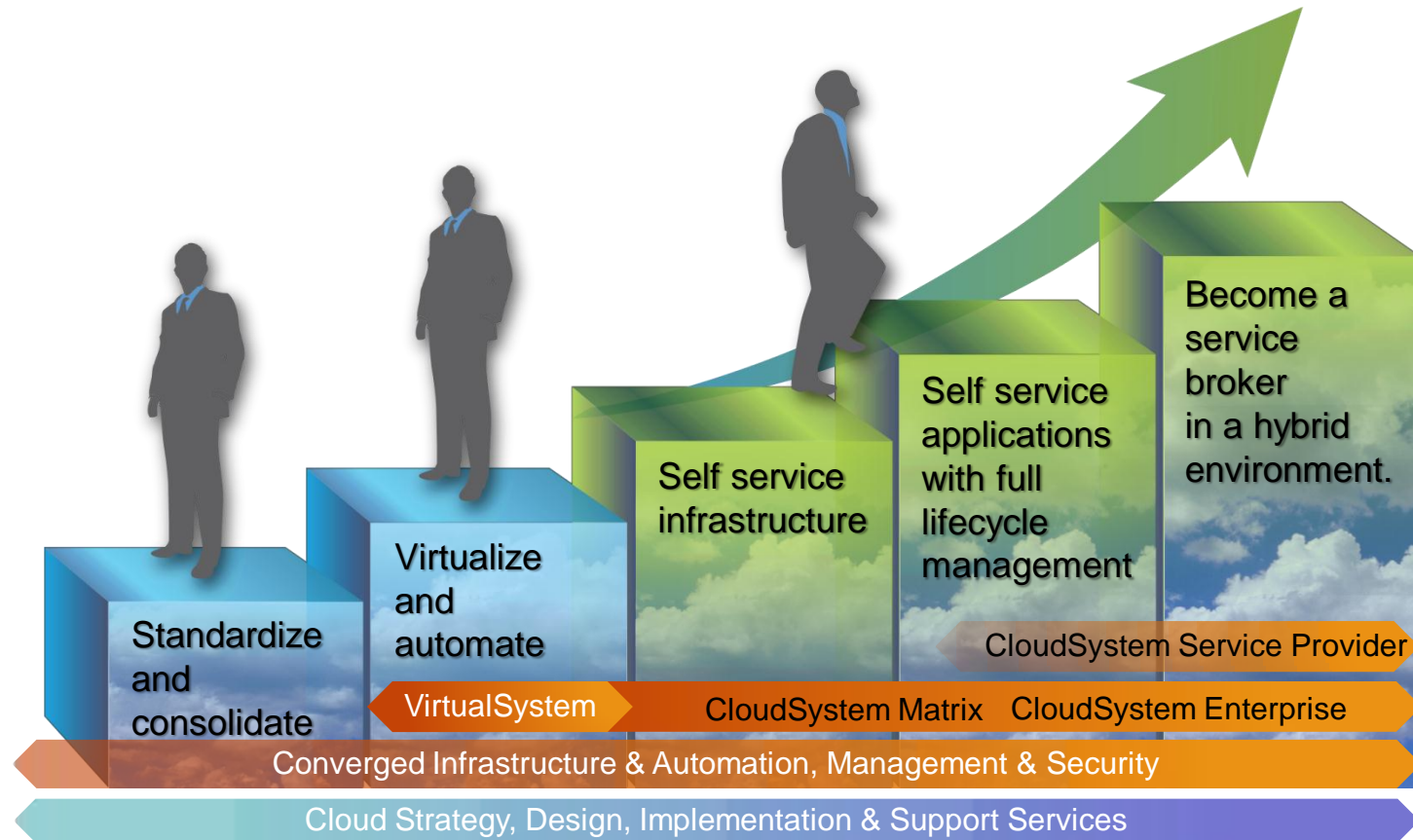
- Unify management of all services, both cloud-based and traditional IT
- Advanced application-to-infrastructure lifecycle management

HP CloudSystem
Service Provider



- Aggregate cloud services for public and hosted private clouds
- Optimized for multi-tenancy
- Customer-unique portal experience

Start small, grow tall



Ďakujem za pozornosť



eFOCUS