

# IBM SolutionsConnect 2015

Seize the Moment. Dive into Next Generation Technologies.

## Manage a seamless Hybrid Cloud Infrastructure

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IBM Cloud Software



# What is Orchestration?

While it may sound complex, the concept of IT orchestration is actually pretty simple. Orchestration is simply the coordination of automated tasks and activities across teams, tools, and environments.

## Why Should I Care?

In each of those tasks, tools, and teams there are inefficiencies, and when they operate independently in silos the effect is multiplied.

## What's the Bottom Line?

Speed. It takes more time, and more resources for IT to deliver services, particularly in production. This can have a very direct impact on the profitability of the business.

# Speed is the new currency

Survey of Fortune 1000 IT leaders...

**58%**

place faster delivery of IT services in their top 3 priorities



Prioritizing IT needs

**83%**

of IT leaders don't believe they can deliver services fast enough



Delivery improvement

# What we have heard from 5000+ Private Cloud Engagements

Costly, error prone manual and duplicative processes delay innovation and impact competitiveness

We have lots of tools, to manage isolated automation tasks, but getting everything coordinated is challenging and takes a lot of time

It takes weeks to deploy an application using a 100 page manual today

Need to manage the lifecycle of that application once provisioned – keep it running, compliant, and data protected

There is always more to provisioning than just installing software, such as configuring monitoring, backup policies, and compliance

Need to reduce capital expenses on IT

**>70%**

of resources devoted to maintaining existing systems and products

**4-6 weeks**

to deliver application changes to customers



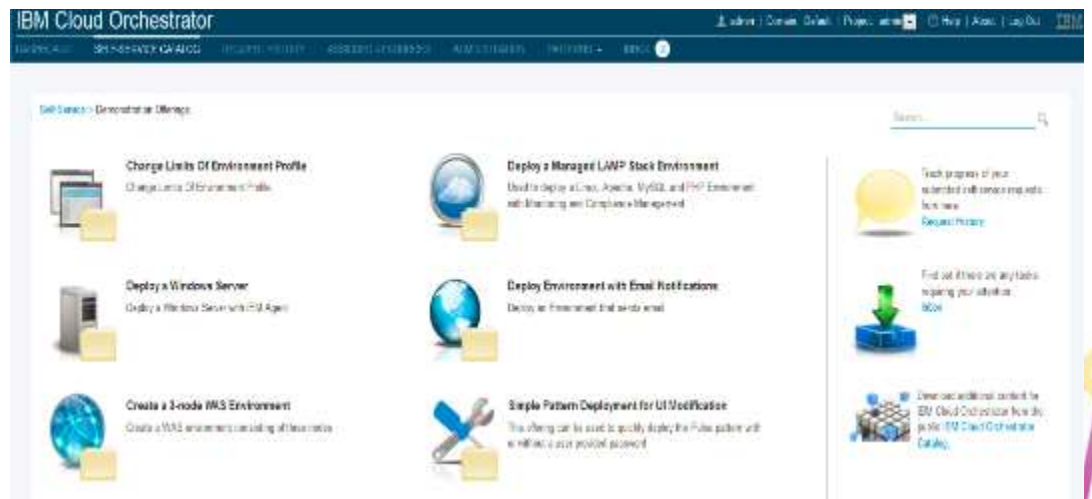
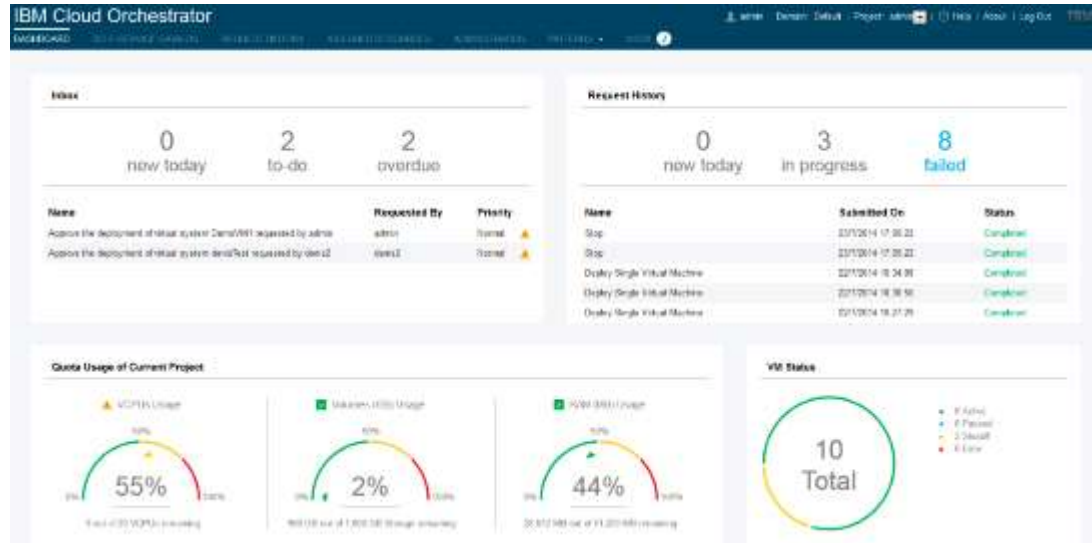
Empower your end users

## Empower your end users

*Transform your IT Department into an automated self-service organization*

End Users can leverage self service capabilities to initiate run book processes that:

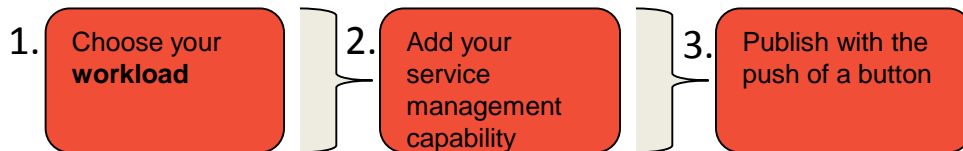
- Requests an approval
- Provision network
- Deploy across multiple systems
- Integrates Endpoint Manager to apply compliance policies
- Integrates monitoring with existing ITM
- Integrates backup with existing TSM
- Adds additional storage volumes
- Adds additional software on top of the pattern



# How can IBM help deliver the speed you need?

- **NEW !! "Wizard"** to help quickly build services and publish to the catalog.
- Deliver services **without coding workflows** !
- Go live in production in **a fraction of the time** !

Stand up infrastructure with monitoring, backup, patch as easy as 1,2,3



**In under 5 minutes !!**

Web Applications, WebSphere, LAMP Stack, [more](#)

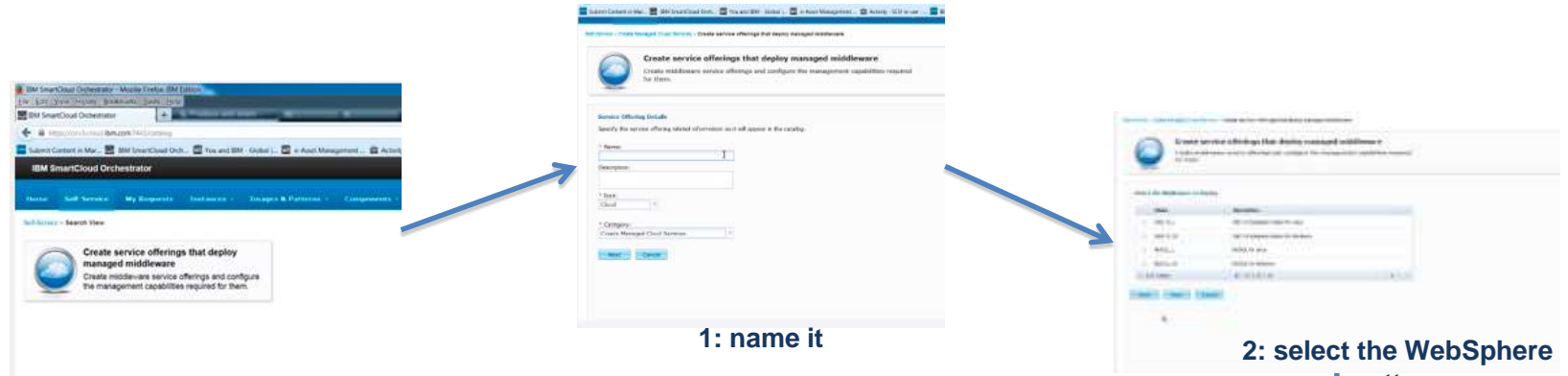
Monitoring, Backup, Compliance



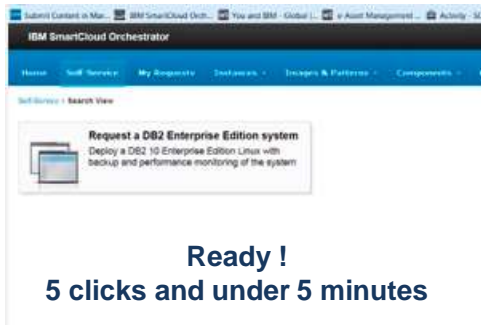
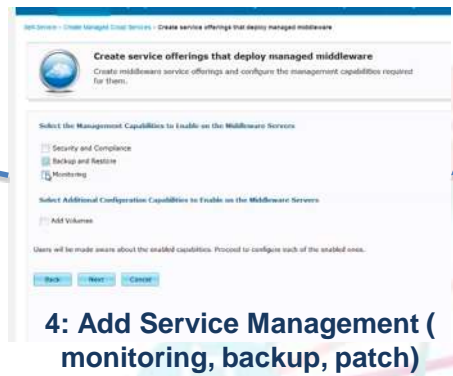
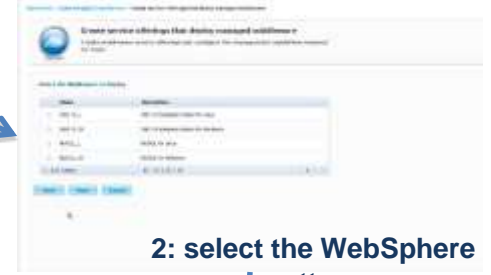
“I am nervous we are spending time and money **integrating things** that should naturally fit together.”

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# Example: Create a self service offering that automates the deployment of WebSphere that is instantly connected to your service management tools in minutes



“I need to create a new WebSphere offering”



## IBM Cloud marketplace provides additional options ...

### Over 250 IBM and industry patterns

- |                         |              |                        |
|-------------------------|--------------|------------------------|
| OpenStack IaaS          |              | SharePoint             |
| Virtual System Patterns | <b>*New!</b> | SQL Server             |
| PureApplication System  |              | Approval processing    |
| WebSphere               |              | Scripting utilities    |
| DB2                     |              | IEM Fixlets (00,000s)  |
| Mobile                  |              | Email                  |
| Business Intelligence   |              | Database               |
| Juniper                 |              | Java                   |
| F5                      |              | Web Services           |
|                         |              | Brocade Communications |

**\*New!**



**2: select the workload**

### Integrations with Service Management Domains

#### Lifecycle Management

- IBM Endpoint Manager
- Chef server (000s)
- \*New!** • Urban Code uDeploy
- Microsoft SCCM
- \*New!** • Puppet

#### Service Desk

- SmartCloud Control Desk
- ServiceNow

#### Disaster Recovery

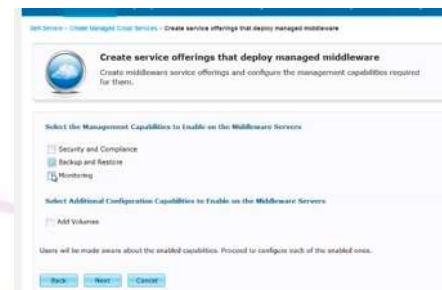
- Tivoli Storage Manager

#### Monitoring

- IBM Tivoli Monitoring

#### Environmental Services

- Active Directory
- LDAP Support
- Windows Scripting
- Persistence



**4: Add Service Management**



# What Customers are Saying

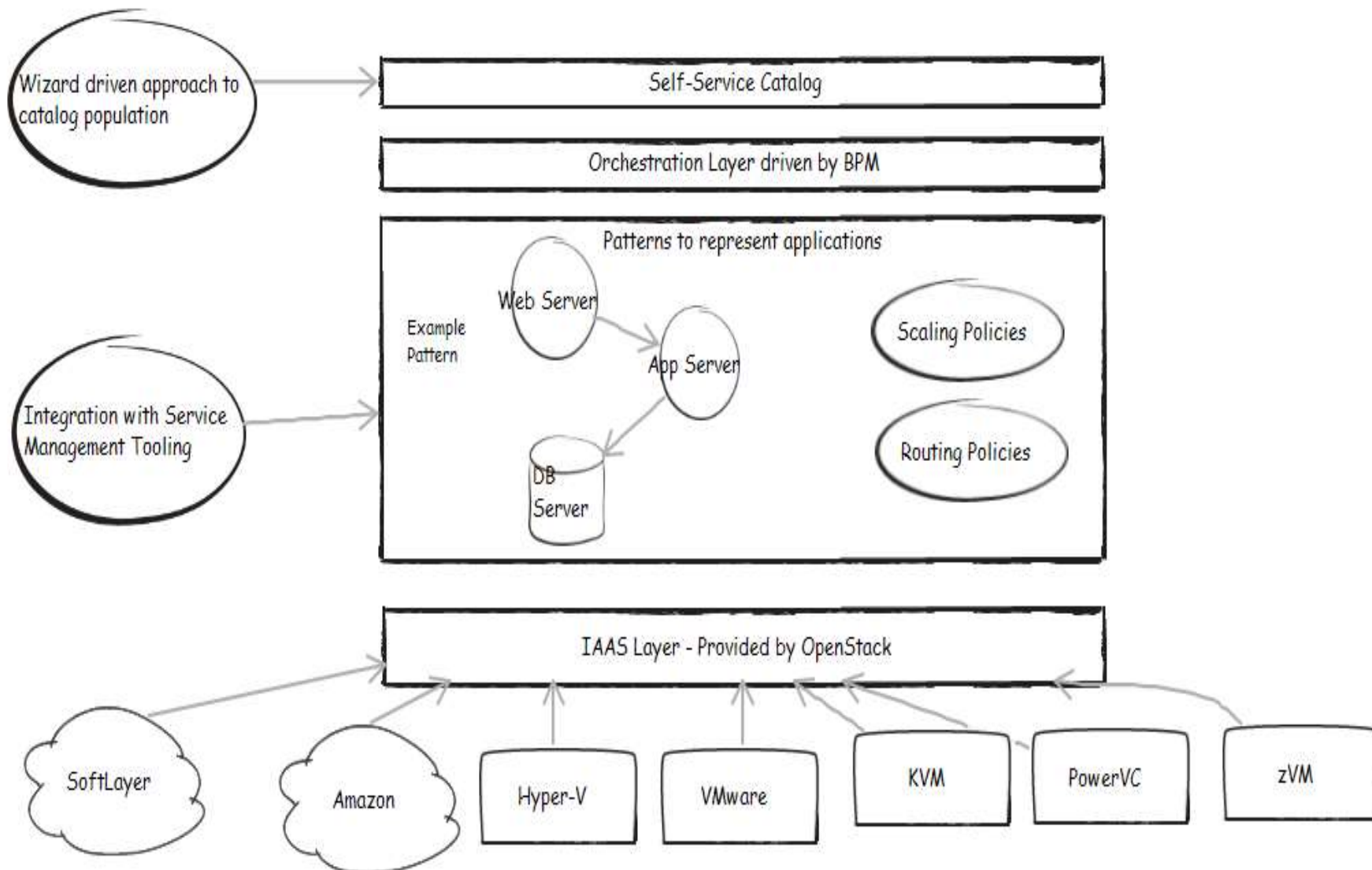
*"With one click in four minutes we can give the fully managed server to our customer. The history has been that when we create the new solution, we need to make sure the backups are up and running, secure, patched, monitored and it needed to go through five to six teams inside Enfo...With SCO, we can actually do it with one click in a matter of minutes." -- Juha Kukka, Enfo*

Utilizing the SmartCloud Orchestrator solution Wuxi Lake Cloud provides China's growing e-commerce market with what it demands: deployment of unique e-commerce environments on the cloud in days instead of weeks.

*"We've become a pioneer in using the cloud to ensure that our customers get service quickly, affordably and accurately"*

Paul Lu, CEO, Wuxi Lake Cloud.

# IBM Cloud Orchestrator At A Glance



# IBM is working to accelerate OpenStack Foundation success



Mar 2013	<i>Exponential growth</i>	Oct 2014
859 Contributors		2556 Contributors
8,500 Members		+16000 Members

*Because an open interoperable Cloud is critical for flexible cloud deployment and customer success...*

**15** IBM has 15 core contributors

**2** IBM is #2 in contributions to OpenStack integrated projects

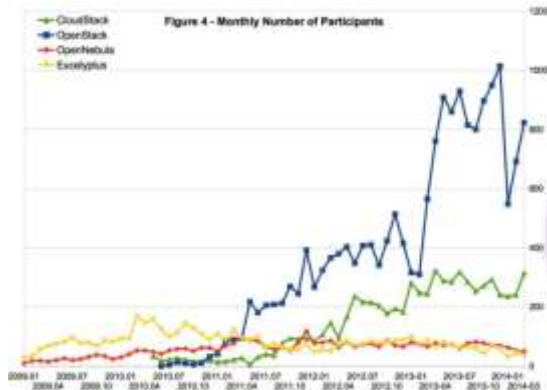
**+100** IBMers active developers in OpenStack projects

## Platinum Sponsors

## Gold Sponsors



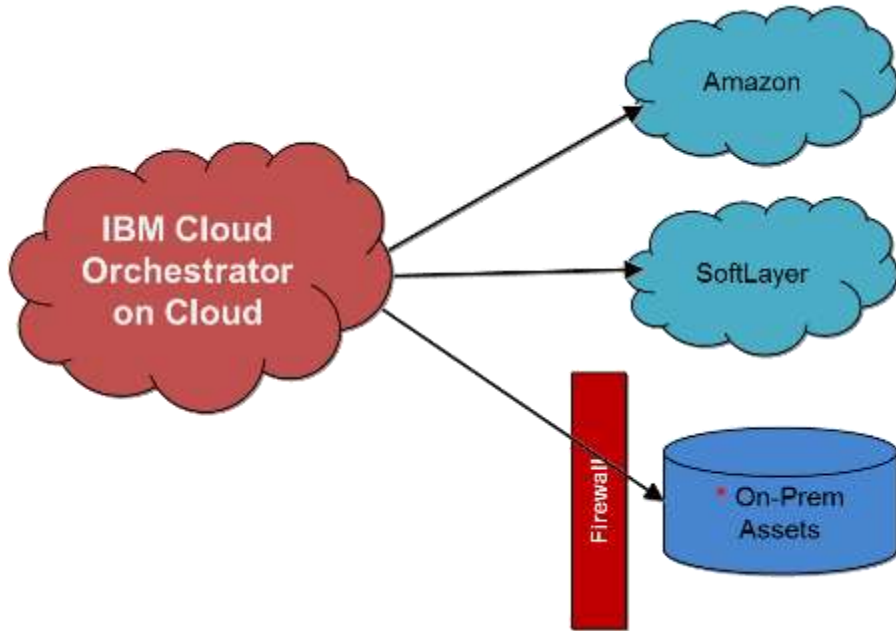
## OpenStack Participant Growth



**+400**

IBMers working on OpenStack – from formation of the Foundation to Code Quality & New Function

# IBM Cloud Orchestrator on Cloud



A new consumption model where IBM manages the infrastructure running on Soft Layer

- Each client receives own instance
- Daily backups of data and configuration
- System administration, patching and upgrades
- Access to current release function
- 99.8% Availability SLA
- 24 x 7 Support for Sev 1
- Try & Buy - 30 day FREE Trial
- Customer can purchase the offering online

## Delivered via IBM Service Engage ([Click Here](#))

1. Learn about Orchestrator

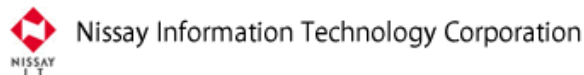


2. Explore the features



3. Try the product – live !





- Hybrid Cloud Video Demonstration





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# Thank You

