XaaS
How an orchestrator enables your IT

A CONVERSATION WITH STEPHAN ORWAT

April 27, 2018

Anything as a Service

What does it mean and where does it come from?

What does Anything as a Service mean to you?

- Backend
- Backup
- Data
- Database
- Data Center
- Desktop
- DR
- Games
- HPC
- Loadbalancer
- Software
- Storage
- …and many, many more

What are the Expectations?

- Self-Service Portal

- High Availability (24/7)

- Simple „Push the button"

- Fast Delivery Service

- Notifications

Actual State Analysis

What about the current IT infrastructure and IT processes?

How does it challenging your IT?

- Only for big fishes?
- Internet Service Providers
- Cloud Service Providers (like Amazon, Microsoft or GTS)

What are the Concerns?

- Historical Grown Infrastructure
  - Silos of Automation

- Increasing Complexity
  - Infrastructure-based
  - Process-based

- Resources

What is the hidden agenda?

- Existing systems are still working

- Keep the knowledge and experience

- Costs for replacements

- Gain new knowledge and experience

Reality check for the Business

The business requires immediate access to new services, but...

- They often wait weeks instead of minutes

- The expected cost savings never occur

- Required manual human approvales slow down the process

Orchestrate your Resources

There should be someone who understands you and speak the languages of all

How does an **Orchestrator** enable IT for **Continuous Services?**

- Silos
- Examples
- Customer Stories

Silos of Automation

"Most organizations have added automation tools in an opportunistic way — one project or problem at a time. What is needed is an overarching architecture to enable integration and avoid overlaps." -- Gartner

| 1	2	3	4	5
Self Service Desks	Virtual Machine Orchestration	Application Deployment	Storage Orchestration	Network Orchestration

ca technologies

Silos of Automation

"Most organizations have added automation tools in an opportunistic way — one project or problem at a time. What is needed is an overarching architecture to enable integration and avoid overlaps." -- Gartner

Silos of Automation

"Most organizations have added automation tools in an opportunistic way — one project or problem at a time. What is needed is an overarching architecture to enable integration and avoid overlaps." -- Gartner

1	2	3	4	5
Self Service Desks	Virtual Machine Orchestration	Application Deployment	Storage Orchestration	Network Orchestration
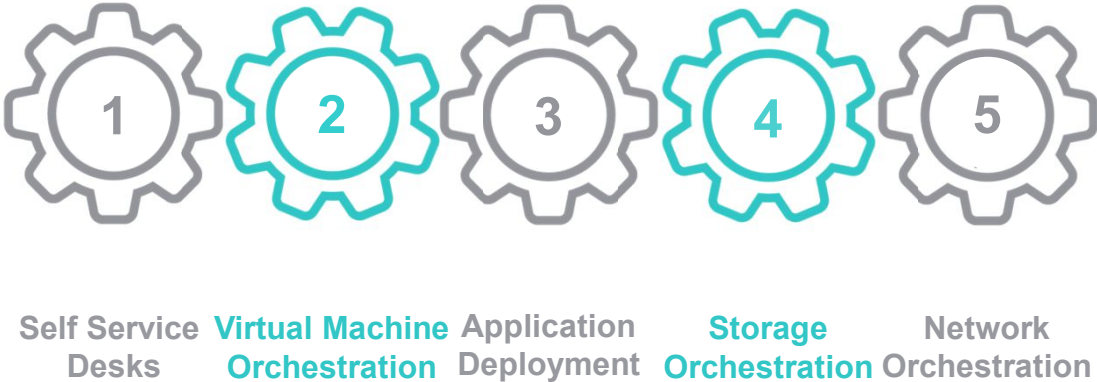
What else? Some Examples

- Self-Service Catalog

- Employee On- and Offboarding

- Provisoning and Deprovisioning

- Service Incident Remediation

- Closed Loop Remediation

- Disaster Recovery

What else? Another Example

Software glitch cost Hamilton victory - Mercedes

"Then we calculated the VSC gap which was needed [if one was activated]. Our computer said 15 seconds was the necessary time in order to jump us. (…) Sebastian came out in front of us. The software or system we have been using for five years just gave us the wrong number."

–Toto Wolff

Source: Formula1 (March 25, 2018)

What else? Some Customer Stories

Summary „Continuous Services“

- Improve Quality of Service

- Offer Self-Service Catalog

- Keep your Experience

- Connect Silos of Automation

- Combine Services (private, public, hybrid)

- Use the Power of API

CA technologies

Stephan Orwat
Product Marketing Manager
Stephan.Orwat@ca.com

🐦 @CAAutomation

🐦 @storwat

in linkedin.com/in/stephan-orwat

ca
technologies

Thank You.