Unified Infrastructure Management powered by Kanopya

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Hedera introduces how to manage and pilot the entire IT stack from a unique console. It's the first fully featured unified and integrated cloud platform that provides end-to-end cloud infrastructure solution and gives customers flexibility and choice to integrate with their existing IT environments. Customers have flexible controls to manage and extend their IT environments to clouds with multiple physical, virtual and cloud connectors.
About Hedera

**OUR MISSION**
Move up the Cloud Stack with Smart Automation across every layer, with a Self-Adaptive & Service-Centric Mgmt Platform

Provide Customized Control & Visibility into Costs & Utilization

**IDENTITY CARD**
Software Editor, 2009, Paris, France
15 employees, 60 % Expert Engine

OW2Con'12, November 28-29, 2012
Technology & Customers

AN INTELLIGENT CLOUD MANAGEMENT PLATFORM
Hardware & IaaS Automation
Dynamic Workload Management

PAINS
- Too many operations to deploy & manage VMs in complex architectures
- Low server occupation rate & hardware silos
- Lack of reactivity when adapting workload changes

GAINS
- Drastic reduction of delivery & operation time
- Increase of the infrastructure occupation rate
- Guarantee of Quality of Service
Our Expertise

SELF-DYNAMIC WORKLOAD MANAGEMENT

Automation | Orchestration | Scalability

Compute | Storage | IaaS | OS | Middleware

Service Centric

PROVIDE AUTOMATION & ORCHESTRATION AT EVERY LAYER
Hardware Provisioning | Automatic Deployment | Multi-Layer Workflow

DRIVE EVERY SERVICE TO OPTIMISE RESOURCES & QoS
Complex Service Building | QoS Guarantee | Cost & Resource Optimization
Kanopya, a Modular Software

SMART WORKLOAD MANAGER
PERFORMANCE & ANALYSIS

VM LIFECYCLE MANAGEMENT
CROSS-PLATFORM & SCALABILITY

ORCHESTRATION MANAGER
AUTOMATION & FLEXIBILITY

CLOUD SERVICE PORTAL
SERVICE CENTRIC & WEB INTERFACE

FULL STACK DEPLOYMENT
HOLISTIC & ELASTIC

CORE ENGINE
MONITORING & APIs
Technical Ecosystem

Hardware
- Cisco
- Dell
- HP
- NetApp
- Fujitsu

IaaS Platform
- VMware
- OpenNebula.org
- OpenStack

OS
- SUSE
- Ubuntu
- Red Hat

Middleware
- Apache
- MySQL
- Rails
- m
Service Provider – Use Case

OPEN SOURCE SPECIALIST CLOUD HOSTER

- **Key Objectives**
  - Launch a new cloud offer with dynamic & automatic scaling
  - Build the offer with Open Source IaaS on a FlexPod infrastructure
  - Cost efficient & easy to deploy new business models

- **Benefits with our solution**
  - Hot & dynamic resizing depending of customer activity every 5 minutes
  - Full automation on the FlexPod layer and IaaS
  - Customizable self-service and business model
  - Profit from day one & add new services quickly
For Entreprise – Use Case 1

BOUYGUES TELECOM : INTERNAL IT

• Key Objectives
  • To have more visibility on the resource utilization of a VDI application
  • To centralize their different IT Tools in a single “pane-of-glass” view
  • Automate & grow faster with no infrastructure upfront cost

• Benefits with our solution
  • Monitor, control and simplify the deployment & configuration of physical resources from a single management console
  • Reduced cost
    • 20% of cost saving on future infrastructure investments
    • 25% of cost saving in OPEX
For Enterprise- Use Case 2

CONFIDENTIAL : MILITARY & DEFENSE AREA

- Key Objectives
  - Automate the provisioning of an open source IaaS (KVM Based)
  - Automate the provisioning on DELL/CISCO infrastructure environments
  - Simplify the management of their 20 networks & 200 VLANs & 4 Datacenters
  - Dynamically move hardware between different IaaS depending of load

- Benefits with our solution
  - Accelerate the provisioning
    - IaaS : from 8 hours to 45 minutes
    - VM : from 3 hours to 12 minutes
  - 30% of compute node changed from 1 IaaS to another every day
  - Seamlessly manage pools of physical & virtual machines as a unified whole
Get Kanopya & Start Growing Your Business Now!

LEARN MORE. THANK YOU.

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