

Deploy OpenStack

The SUSE® Cloud Experience
HO7609

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Agenda











SUSE® Cloud Overview

Getting Ready – Questionnaire

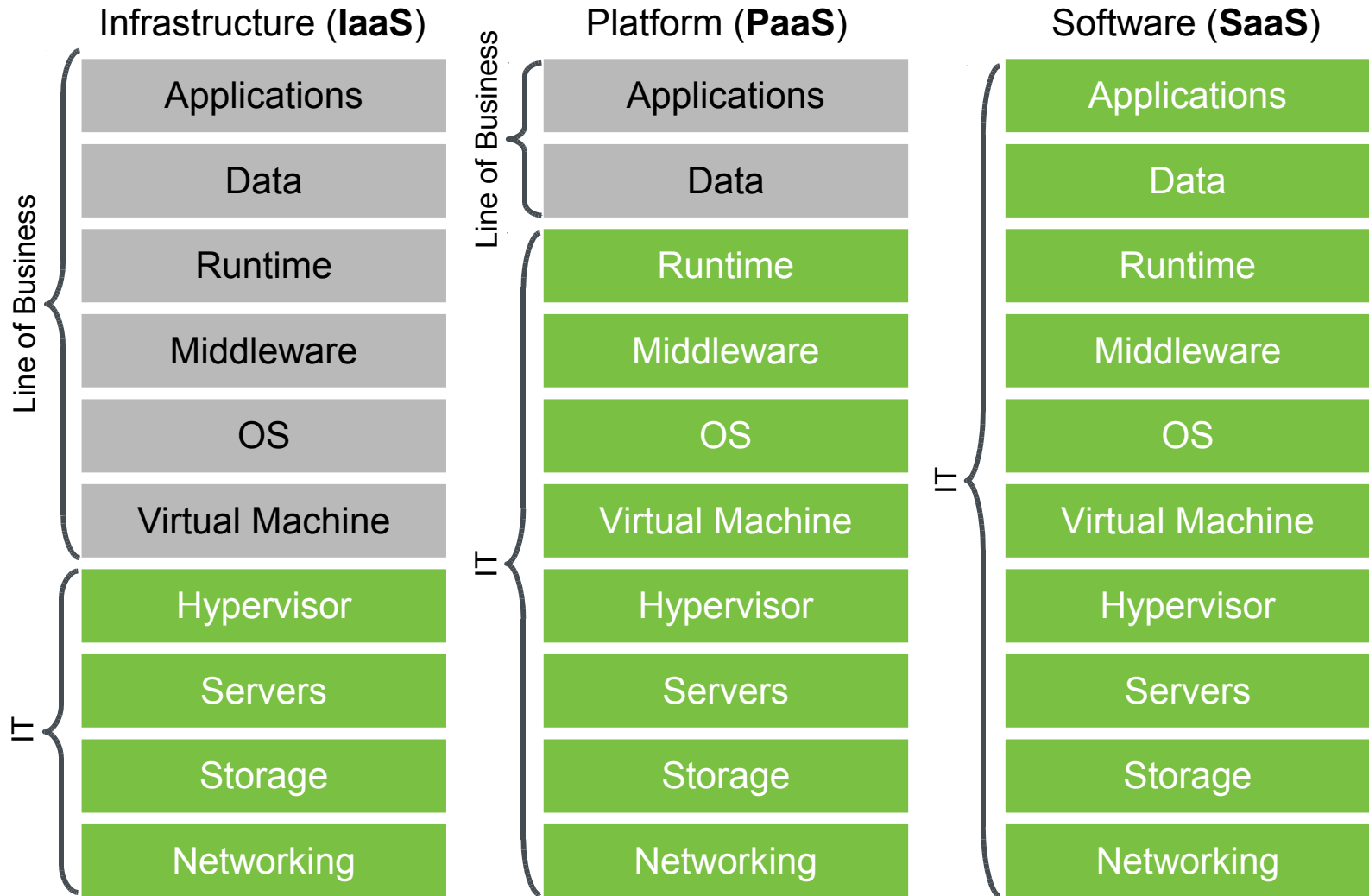
Hands On

SUSE[®] Cloud Overview

Why an Open Source Cloud?

Drivers	Concerns
<ul style="list-style-type: none"><li data-bbox="202 492 724 578"> Cost Savings<li data-bbox="202 642 821 728"> Open Standards<li data-bbox="202 792 888 878"> No Vendor Lock-In<li data-bbox="202 935 637 1021"> Portability<li data-bbox="202 1085 618 1170"> Flexibility	<ul style="list-style-type: none"><li data-bbox="1004 492 1613 578"> Lack of Support<li data-bbox="1004 649 1381 735"> Security<li data-bbox="1004 792 1458 878"> Ecosystem<li data-bbox="1004 935 1458 1021"> Integration<li data-bbox="1004 1078 1371 1163"> Maturity

Private Cloud Responsibilities



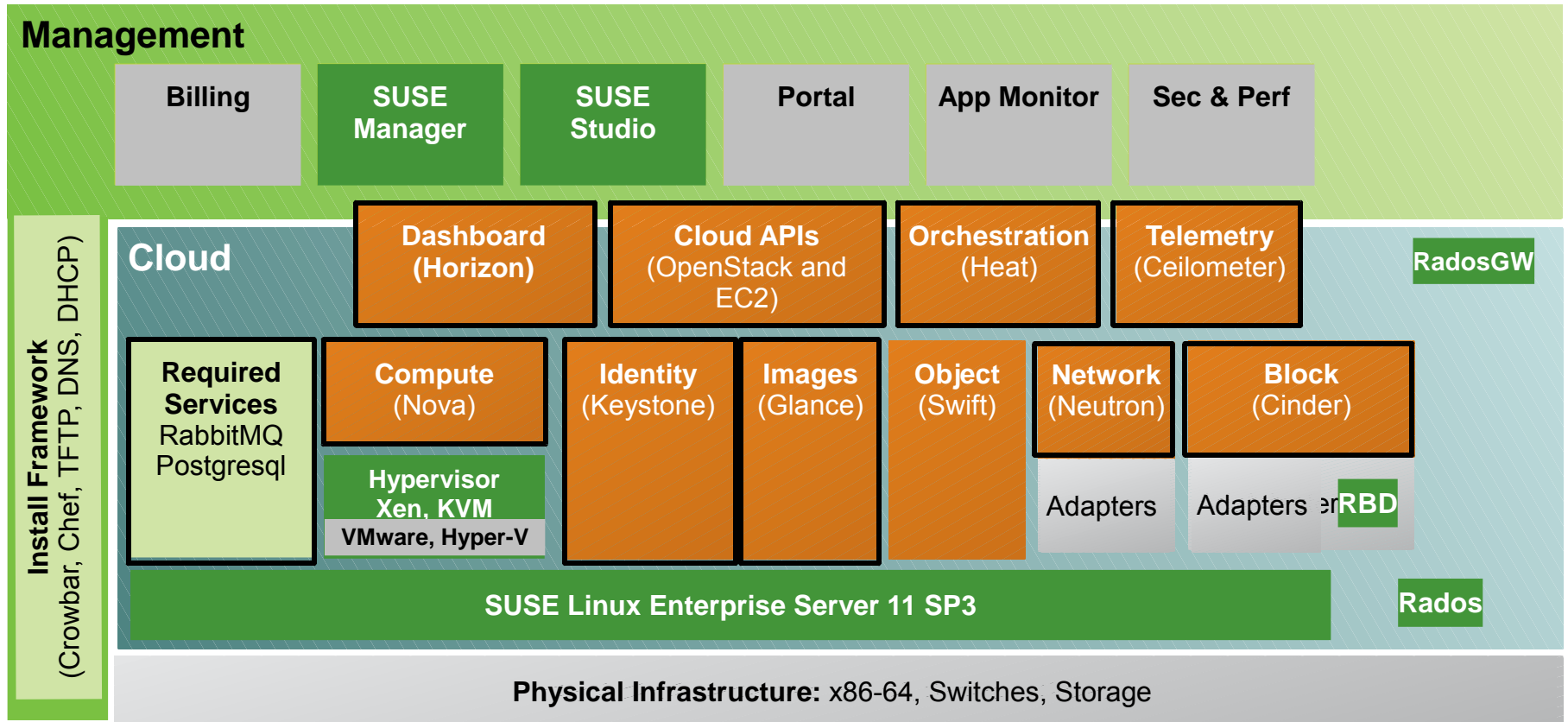
SUSE® Cloud



Enterprise OpenStack distribution that rapidly deploys and easily manages highly available, mixed hypervisor IaaS Clouds

- Increase business agility
- Economically scale IT capabilities
- Easily deliver future innovations

SUSE® Cloud 4



- OpenStack Icehouse
- SUSE Cloud Adds
- SUSE Product
- Ceph
- Highly Available Services
- Partner Solutions

Solution Designed for You to Deliver Business and IT Goals



Platform for Your
Data Center
Evolution



Fast Installation
and Simplified
Management



Take Advantage of
Your Ecosystem
and Skills



Integrated Workload
Control for Hybrid
Clouds

Platform for Your Data Center Evolution

Enterprise OpenStack Distribution

- Leading open source cloud project delivering fast innovation of advanced IaaS cloud services

Integration with Ceph Distributed Storage

- Reduce costs with a single software-defined storage solution for massively scalable and reliable block, object, and image storage

Driver of Organizational Innovation

- Develop and deploy new applications that take advantage of SUSE® Cloud capabilities



Award-Winning Worldwide Support

- Backed by the excellence of SUSE® engineering and the only organization with a 20-year history of supporting open source software

Fast Installation and Simplified Management

SUSE® Cloud Administration Server

- Faster ROI through faster installation and easier management of OpenStack Cloud

Highly Available Cloud Services

- Maintain business agility and deliver enterprise-grade SLAs through continuous availability of cloud services

Standardized Product Life Cycle

- Packaged product integrated with SUSE® update and maintenance processes to ensure simplified enterprise maintenance



Getting Ready – Questionnaire

Questionnaire

- **What is it**

- Starting point for a SUSE® Cloud implementation

- **Things to consider:**

- What are you trying to solve by implementing a private cloud?
- Who are the users and what do they want out of it?
- What are your business and technical requirements?
(SLA, compliance)
- Are there any constraints for the project?
(Budget, deadline, manpower)
- Additional resources required to successfully deploy your private cloud.

Questionnaire

Before you get started

- Schedule a meeting to discuss
 - Hardware
 - Networking
 - High Availability
 - Source for media and SMT repos
 - Admin Appliance?
 - Backup/restore plan
 - What will the patching/upgrade strategy be?

Questionnaire

Fill out the rest of the Questionnaire

- Download or Print from

- https://docs.google.com/a/seader.us/document/d/1MxW7_4nTH9-Fu9RRV8Hdl6TZfG3h_p6pGKIKuDG-Nqs/pub

- Read the Deployment Guide

- https://www.suse.com/documentation/suse-cloud4/book_cloud_deploy/data/book_cloud_deploy.html

Its Hands On Time!

Thank you.





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