

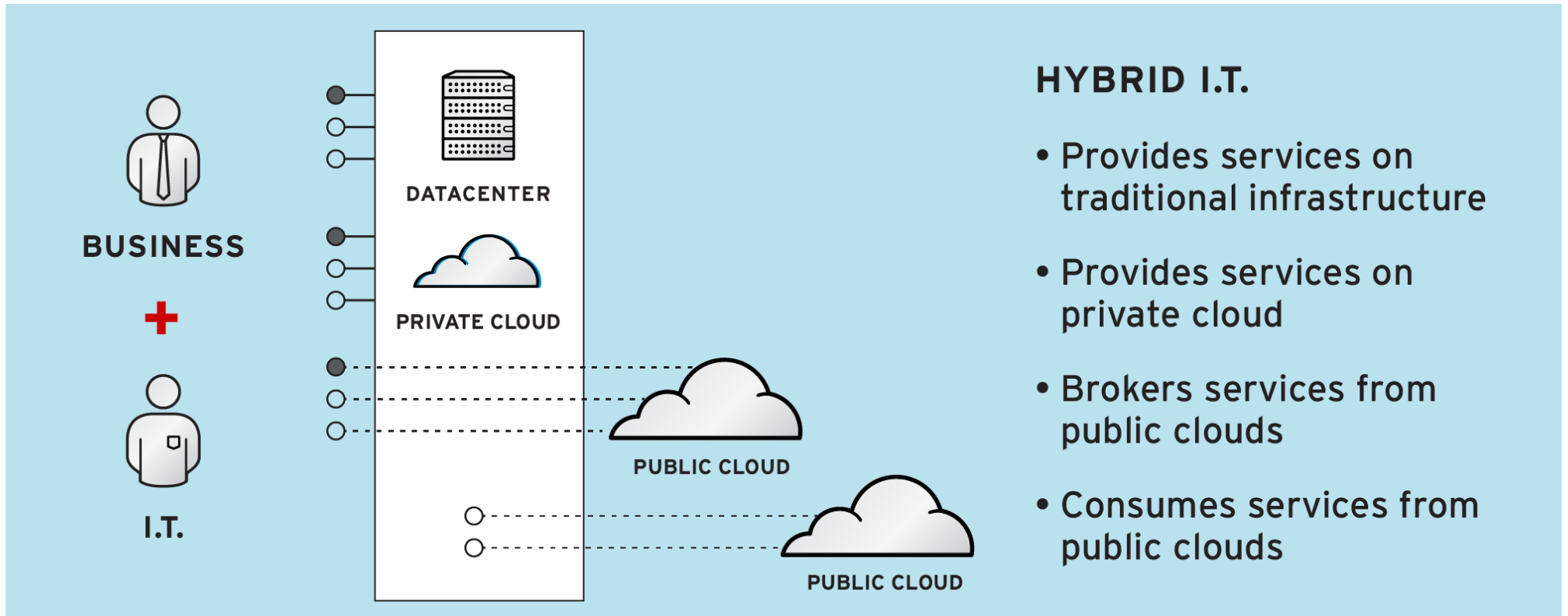
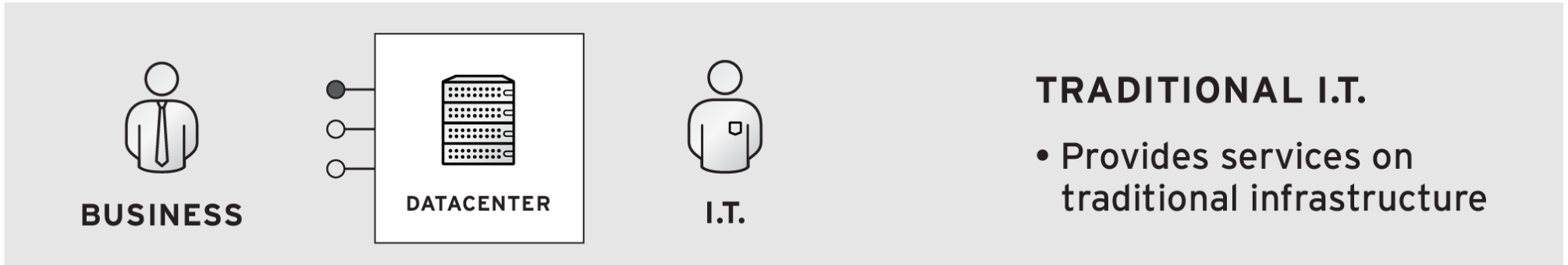


Стек продуктов Red Hat: от операционной системы до гетерогенного облака

Андрей Маркелов,
Системный архитектор
Red Hat
11 апреля 2014 г.

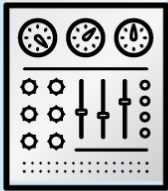
THE ROLE OF I.T. IS CHANGING

From service provider to strategic partner



AN OPEN HERITAGE

Red Hat Enterprise Linux and Red Hat Satellite



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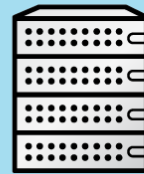
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MAINFRAME



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PHYSICAL X86



OTHER
HYPERVISORS



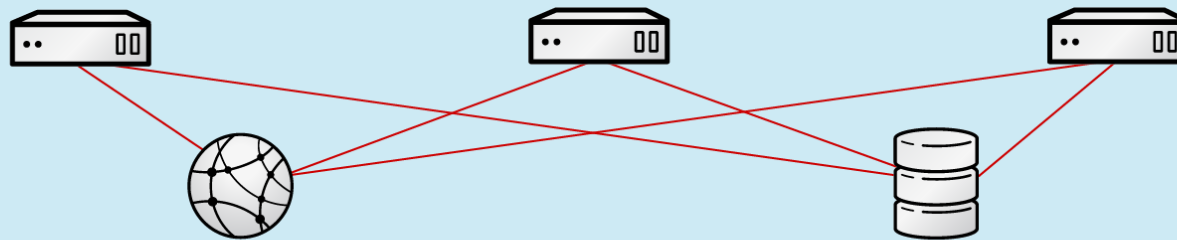
WORKSTATION

RED HAT ENTERPRISE VIRTUALIZATION

Virtual infrastructure solution for traditional workloads



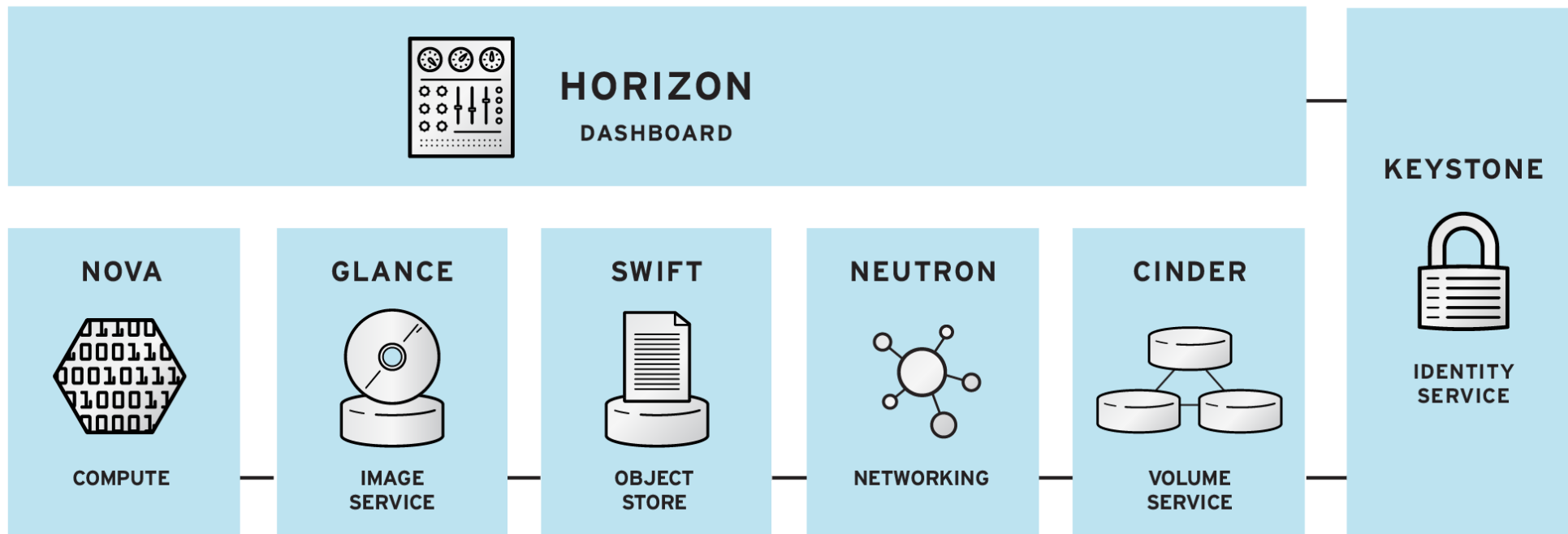
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ENTERPRISE VIRTUALIZATION**



- Leading performance
- Cost-effective
- Enterprise-ready
- Open and interoperable
- Cross-platform

RED HAT ENTERPRISE LINUX OPENSTACK PLATFORM

Cloud infrastructure solution for next generation workloads



- Modular architecture
- Designed for scale out
- Based on a set of core shared services
- Flexible networking models
- Redundant scalable storage
- Dashboard for self-service

RED HAT CLOUDFORMS

Open hybrid cloud operations management solution

RED HAT
CLOUDFORMS



DISCOVERY



CAPACITY
PLANNING



REPORTING



AUDITING
COMPLIANCE



ANALYSIS



MONITORING



ORCHESTRATION



POLICY



CASHBACK

- Agent-free virtual appliance
- Operations and admin self-service
- Enterprise directory support
- Multi-tenancy support
- Horizontal scalability
- Load balancing failover/failback
- Manage multiple locations
- Unified operations management

RED HAT CLOUD INFRASTRUCTURE

Virtualization to private cloud

RED HAT® CLOUDFORMS

vmware®

RED HAT®
ENTERPRISE
VIRTUALIZATION

TRADITIONAL WORKLOADS

- Vertically Scale
- Static
- Recover on Error

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ENTERPRISE LINUX®
OPENSTACK® PLATFORM

amazon
web services

NEXT GENERATION WORKLOADS

- Horizontally Scale
- Dynamic
- Replace on Error

RED HAT CLOUD INFRASTRUCTURE

Foundational infrastructure for the open hybrid cloud

**RED HAT®
CLOUDFORMS**

HYBRID CLOUD MANAGEMENT

APP APP APP APP APP

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VIRTUALIZATION**

TRADITIONAL WORKLOADS

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CLOUD WORKLOADS

KEYSTONE



IDENTITY SERVICE



COMPUTE



IMAGE SERVICE



OBJECT STORE

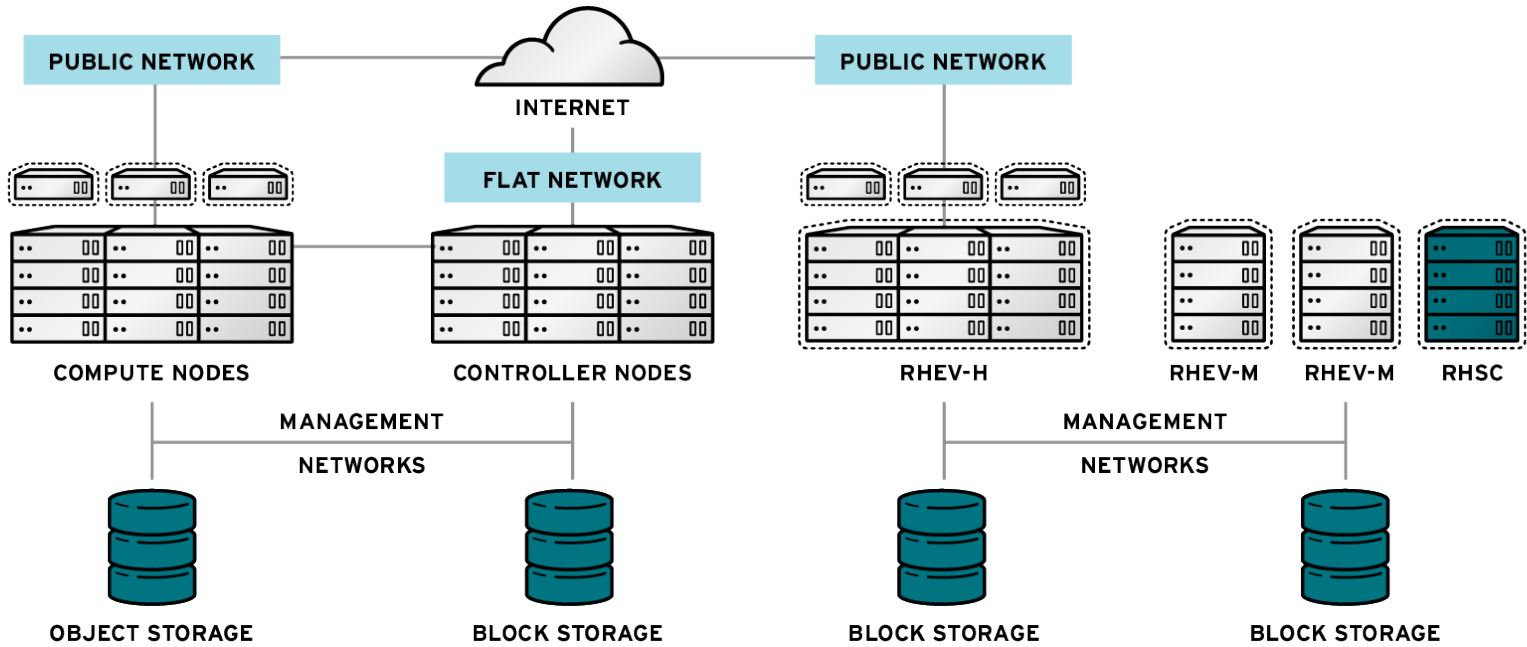
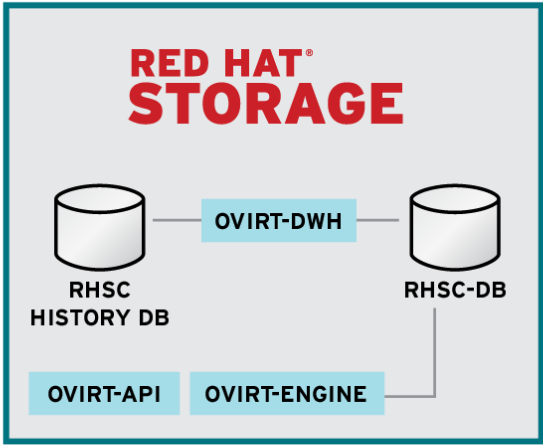


NETWORKING



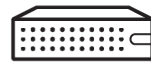
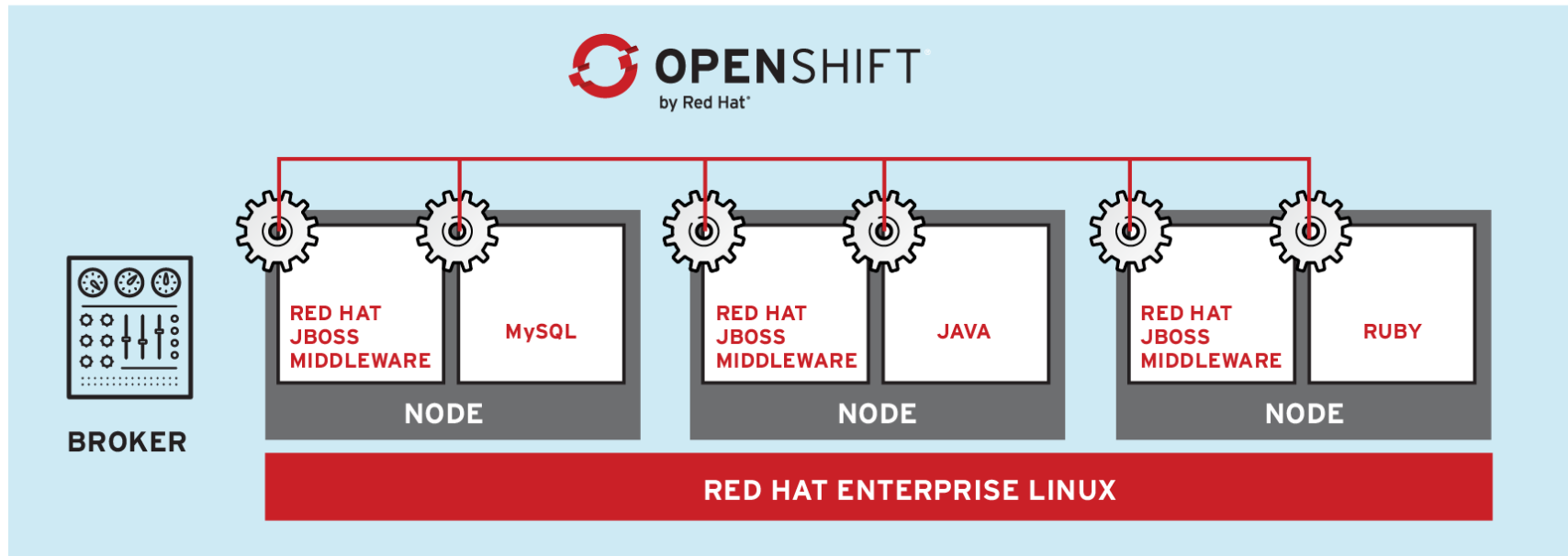
VOLUME SERVICE

RED HAT STORAGE



OPENSIFT BY RED HAT

Accelerating service delivery



PHYSICAL



VIRTUAL



PRIVATE CLOUD



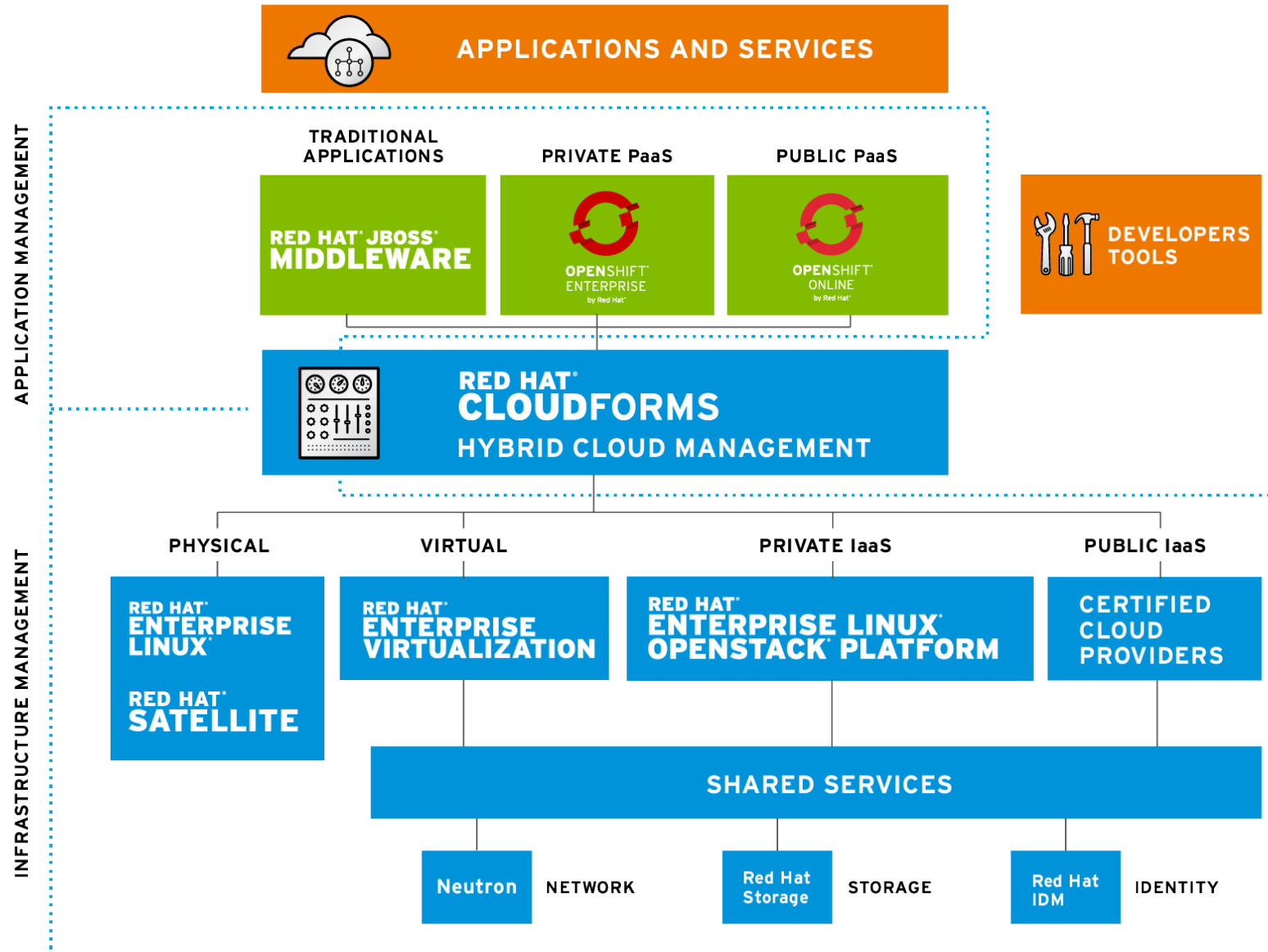
PUBLIC CLOUD

- Increase resource utilization beyond virtualization
- Automated provisioning of applications

- Standardize containers
- Automatic scaling

CLOUD APPLICATIONS AND WORKLOADS

Build and manage applications in the open hybrid cloud



http://moscow.redhat-forum.com



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