



Hyper-Converged Infrastructure

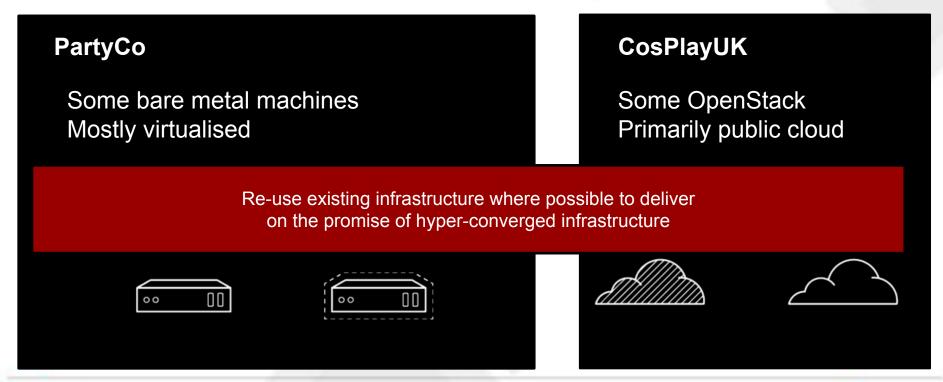
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Challenge = Roll Out Infrastructure. Make It Quicker and Slicker.









DEFINITION

HYPER-CONVERGENCE

"Type of infrastructure system with a software centric architecture that tightly integrates compute, storage, networking and virtualisation resources and other technologies in commodity hardware"

Hyper-converged infrastructure can come as:

- o A hardware appliance based approach
- o Flexible software solutions





HYPER-CONVERGENCE - WHY?

SIMPLER - SINGLE SUPPORT - FASTER - EFFICIENT - AGILE



"Data-centre-in-a-box"

Less Separation

Greater consolidation

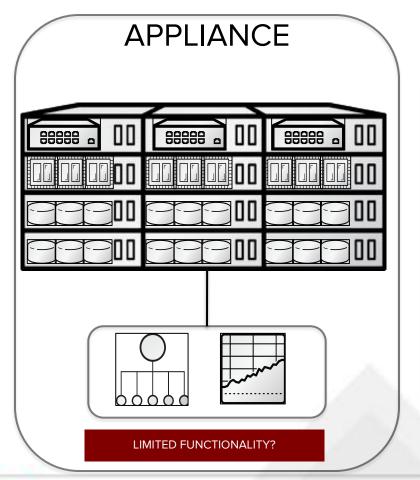
Reduced Deployment Time

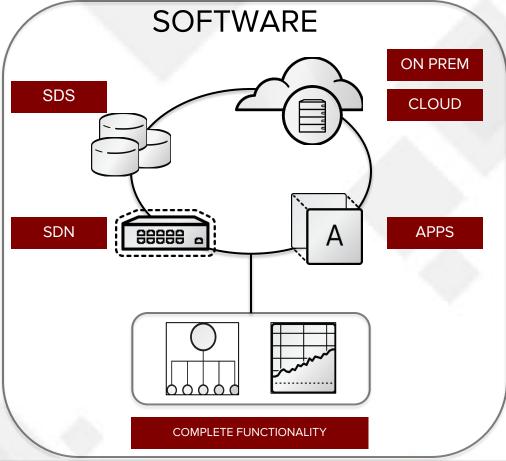


Scale
Less Separation
Applications?
Silo / Lock-in / £££













HOW CAN WE DO THIS WITH SOFTWARE?

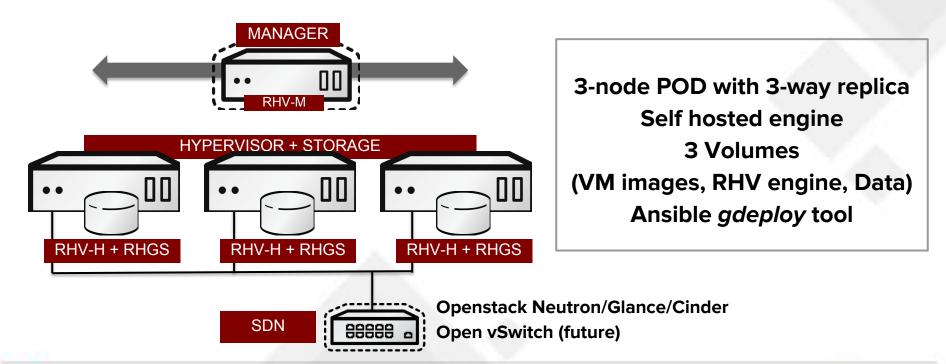






SOFTWARE STACK SOLUTIONS

BASED ON RED HAT VIRTUALISATION (RHV)

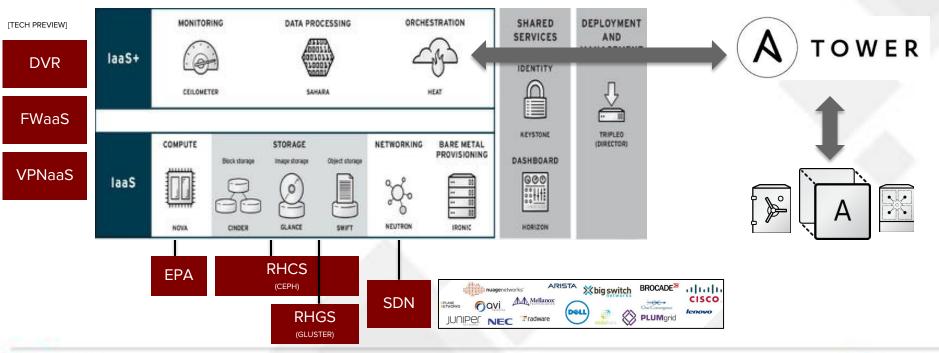






SOFTWARE STACK SOLUTIONS

BASED ON RED HAT OPENSTACK PLATFORM

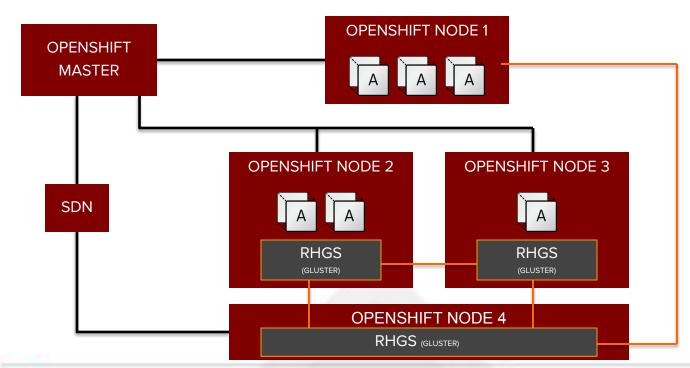






SOFTWARE STACK SOLUTIONS

BASED ON RED HAT OPENSHIFT CONTAINER PLATFORM

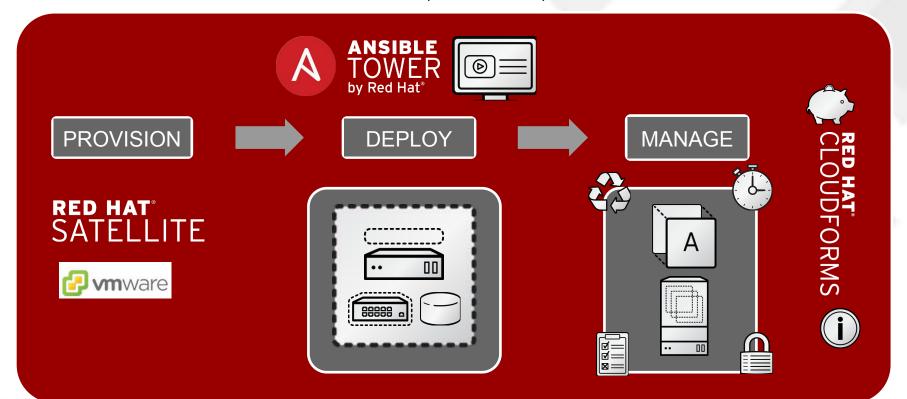






PURE AUTOMATION SOLUTIONS

ON PREMISE VIRTUALISATION (VMWARE)

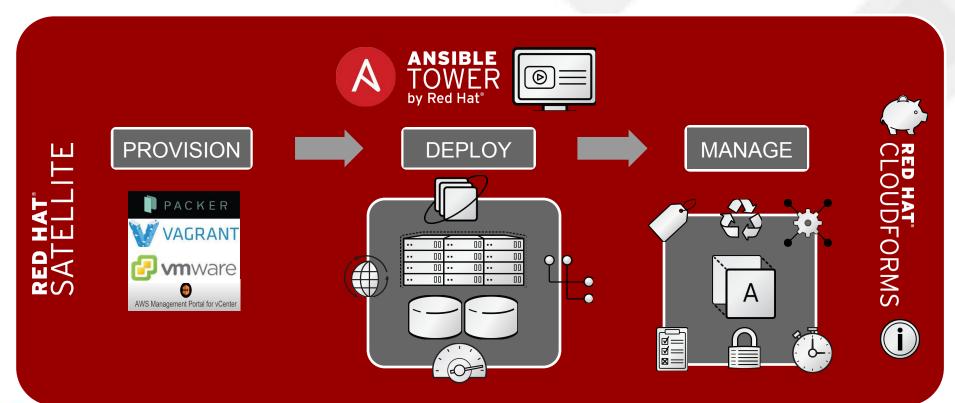






PURE AUTOMATION SOLUTIONS

CLOUD HYPER-HYPER-CONVERGENCE!







Customers

RED HAT VIRTUALIZATION RED HAT **OPENSTACK** PLATFORM

























HYPER-CONVERGENCE

It can be done with software only



Include application deployment **and** management

Automation is the key: simple, powerful but effective!





Monthly Tech-Talks for more information

All held at Red Hat Monument office.

https://www.redhat.com/en/about/events/tech-talks-uk

October 26th An introduction to 3Scale and API Management.

November 23rd EAP 7 and A-MQ 7. JEE and core

December 13th RHEL, RHEV, Atomic and OpenStack.

January 25th Software Defined Storage, Gluster, Ceph.

February 22nd Hybrid Cloud Architectures and Cloudforms







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