

THE SHORT PATH TO QUICK APP DELIVERY AND MAINTENANCE

Accelerate the time-to-value of your company's cloud or web-based apps and services

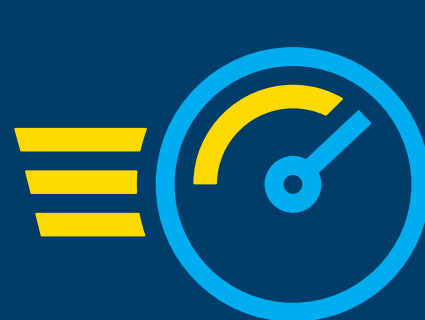


How rapidly you can **develop, deploy, and evolve innovative solutions** dictates your organization's standing in the market.

Red Hat® OpenShift Container Platform Reference Architecture for Lenovo* provides an enterprise-grade, on-premises private cloud platform.



Focus on **designing and supporting** your cloud-based solutions, whether they're built in a container-based, open hybrid cloud or a multi-cloud platform



Faster, simpler deployments



High availability, scalability, reliability, and manageability to support your solutions



Support for your **digital transformation** initiatives

Reduce Red Hat OpenShift setup times from

6 HOURS TO MINUTES¹

Receive a

531% ROI OVER 5 YEARS²

(return on investment)

Requires

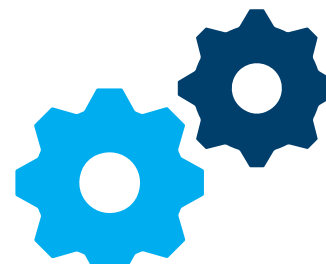
35% LESS TIME

to develop apps and services²

Red Hat OpenShift Reference Architecture starter kit



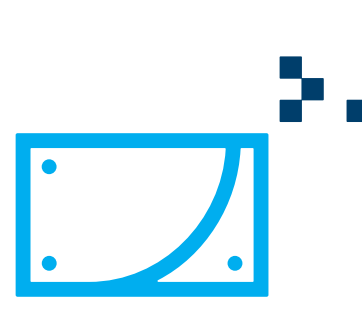
Red Hat OpenShift for managing container-based services



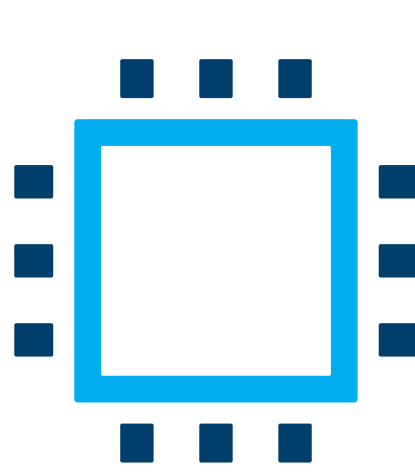
Ansible and bare-metal provisioning to automate operations



Lenovo System x3550 M5* rack servers



Intel® Solid-State Drive technology



Intel® Xeon® processor E5-2600 v4 product family

22% more cores than previous-generation Intel® processors

Memory speeds up to 2,400 MHz

THE PATH TO APP DEPLOYMENT ISN'T AS LONG AS YOU THINK.

Read the solution brief: intel.com/content/www/us/en/big-data/partners/redhat/redhat-openshift-container-brief.html

¹ Compared to a manual deployment of Red Hat OpenShift. Time to deployment based on Red Hat customer feedback.

Configurations:

Master Nodes: Three Lenovo System x3550 M5*: Intel® Xeon® processor E5-2680 v4, 128 GB RAM, two 150-GB Intel® Solid-State Drive (SSD) Data Center S3520 Series drives in RAID 1 configuration

Infrastructure Nodes: Two Lenovo System x3550 M5: Intel Xeon processor E5-2620 v4, 128 GB RAM, one 150-GB Intel SSD Data Center S3520 Series drive in RAID 1 configuration

Worker Nodes: Six Lenovo System x3550 M5: Intel Xeon processor E5-2680 v4, 384 GB RAM, two 150-GB Intel SSD Data Center S3520 Series drives in RAID 1 configuration

Bastion: One Lenovo System x3550 M5: Intel Xeon processor E5-2620 v4, 128 GB RAM, two 150-GB Intel SSD Data Center S3520 Series drives in RAID 1 configuration; this node provides the runtime environments for containers and has the required services to be managed by the master. This node also has the required services to run pods, including Docker*, a kubelet, and a service proxy.

² Based on IDC interviews with nine organizations. Source: Carvalho, Larry and Matthew Marden. IDC. "The Business Value of Red Hat OpenShift." Sponsored by Red Hat. October 2016. openshift.com/sites/default/files/idc-business-value-of-openshift.pdf.



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