

For **Faster, Better** App Development: Containers



IDC conducted research exploring the benefits of developing and running applications using the **Red Hat OpenShift platform** in the **AWS Cloud**. The following are findings from that study.

Developing with OpenShift on AWS: Agile and Effective



DevOps teams must have **continuous and timely** access to **compute, storage, and network resources**.



Otherwise, **they cannot effectively prepare** for, code, test, and deploy applications.

Overall, study participants reported **substantial gains in agility** for deploying compute and storage with **OpenShift on AWS**:

64% **faster** total time to deploy new compute



72% **faster** total time to deploy storage



71% **less** staff time to carry out compute deployment requests



74% **less** staff time to carry out storage deployment requests



Improved Delivery of New Apps and Features



Number of New Apps/Features Developed:



Development Life Cycle, Weeks:



112%

increase in number of new applications per year



49%

faster with new applications

148%

increase in number of new features per year

56%

faster with new features



Staff Time per New Application/Feature, FTEs:



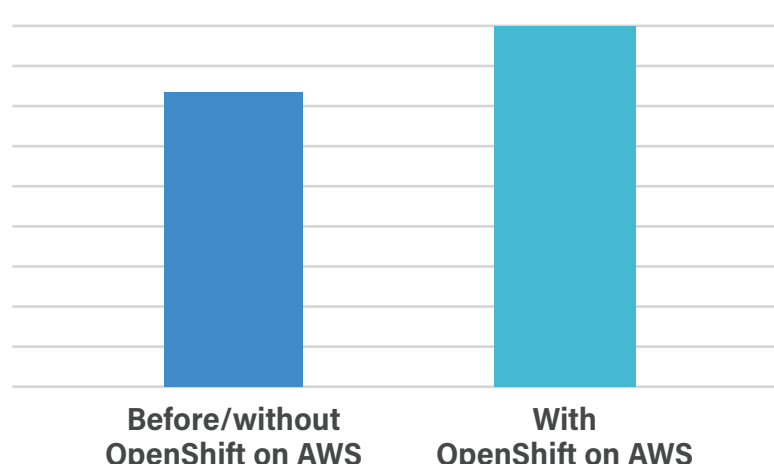
47% **less** time for new applications

57% **less** time for new features

Result: Substantially Higher Developer Productivity...



(Equivalent productivity)

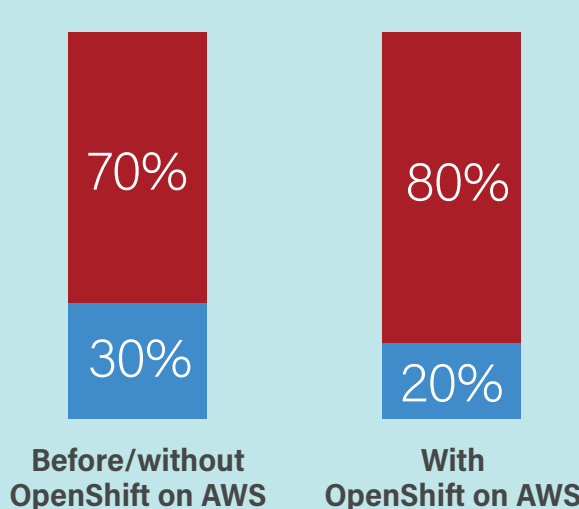


24% **higher productivity** with OpenShift on AWS

...At Substantially Lower Costs



(\$ per organization over five years)



Cost of development staff time
Cost of platform (hardware, software)

For the full story on the numerous benefits of OpenShift on AWS, download the IDC white paper, "The Business Value of an Agile and Flexible Platform for Developing and Running Applications with OpenShift on AWS," sponsored by Red Hat.