



Containers: Operational Improvements Abound



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.

Overall Operations Costs Drop Dramatically



Containers



break down the barriers

between development and operations teams.

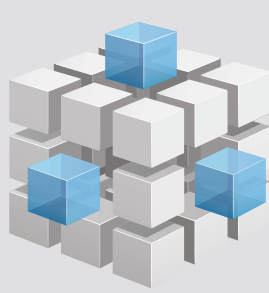


Cost of operations:

54% **lower** among enterprises studied.

Self-Service = Increased Productivity

The IDC study reveals how **OpenShift on AWS** enables operational efficiencies via increased productivity from line-of-business (LOB) users.



Self-service functionality

increases the **flexibility and agility** of LOB teams that need dynamic access to IT resources and makes them **less dependent** on IT teams.

Benefits measured include:



45% **fewer** service requests per day to be handled



45% **less** staff time per hour to handle service requests



38% **fewer** users impacted per service request



36% **less** time lost per organization per year on service fulfillment

Operational Risks Reduced

Organizations reported leveraging functionality enabled by **OpenShift on AWS**, such as automated failover, to reduce the frequency of unplanned outages

61%



fewer unplanned outages per year per organization



46%



Lower mean-time-to-repair (hours)

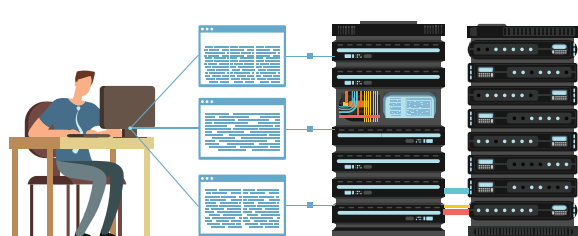
80%



fewer hours per user of lost productivity per year

IT Infrastructure Efficiencies Improved

Study participants reported **OpenShift on AWS** delivers efficiencies across teams responsible for the daily running of IT operations.



With containerization and automation,

teams spend less time on day-to-day activities such as **monitoring, patching, and applying updates**.

49%

less time on IT infrastructure management

45%

less time on helpdesk

35%

less time on IT security



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.