IDC
ANALYZE THE FUTURE

Business Value Highlights

5:1
three-year ROI

29%
more productive application developers

15%
more productive DevOps teams

21%
shorter net-new application development

13%
increase in application releases per year

12%
increase in the number of new applications with existing logic developed per year

84%
reduction in unplanned downtime

Oracle University Java Training and Certification Program Optimizes Application Development

EXECUTIVE SUMMARY

Application development tools and techniques continue to evolve. Developers should anticipate the need to migrate and modularize applications to better enable agility, maintainability, and security and improve business impact. This includes a need for microservices, along with more connected and intelligent applications.

As organizations leverage tools to speed time to market and increase agility, the Java development language is among the most widely used development platforms to create secure, scalable business services and to develop functional, portable solutions for embedded devices.

IDC has long advocated that upgrading skills delivers the most persistent performance improvement for information technology (IT) professionals. Skill development helps IT professionals generally, and application development professionals specifically, achieve the competencies to meet the IT organization's biggest challenges: productivity, security, and agility.

Oracle University offers comprehensive training and certification programs designed to help Oracle customers optimize their investment in Oracle products. The Oracle University Java Training and Certification Program is offered for a variety of roles, including Java programmers and enterprise developer teams. IDC conducted research that explored the value and benefits of using the Oracle University Java Training and Certification Program to optimize the full array of tasks and processes that support application development. This research was based on interviews with multiple Oracle customers in a variety of vertical markets. IDC found that these companies realized significant benefits by leveraging the training to help their application development teams be more productive and better contribute to line-of-business (LOB) results.

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21%
faster application security
updates

18%
reduction in applications
released with errors/defects

According to IDC's calculations, these organizations realized average annual discounted benefits of $4.6 million per organization per year by:

- Increasing the productivity of application development and DevOps teams, resulting in shorter net-new application development cycles and more releases

- Fostering faster and more robust development of applications for customers and internal users as well as increasing the number of completed releases

- Improving business operations and results through better application delivery

- Improving end-user productivity by reducing the effects of unplanned downtime