

DevOps Simulation H6LR0S

The DevOps simulation experience is a role-based workshop, focused on the software development and deployment lifecycle. The simulation is highly realistic, and leverages game dynamics to empower cross-functional teams with a shared vision of successful DevOps practices.

Participants from a variety of disciplines (Business, Development, Test, QA and Operations) are immersed into a simulated environment whereby they are challenged to release new products while internal and external forces continually change. This realistic approach delivers a level of tension and excitement that creates an ‘A-HA!’ moment for all involved.

HPE course number	H6LR0S
Course length	1 day
Delivery mode	ILT, VILT
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Why HPE Education Services?

- IDC MarketScape leader 4 years running for IT education and training*
- Recognized by IDC for leading with global coverage, unmatched technical expertise, and targeted education consulting services*
- Key partnerships with industry leaders OpenStack®, VMware®, Linux®, Microsoft®, ITIL®, PMI, CSA, and (ISC)2
- Complete continuum of training delivery options—self-paced eLearning, custom education consulting, traditional classroom, video on-demand instruction, live virtual instructor-led with hands-on lab, dedicated onsite training
- Simplified purchase option with HPE Training Credits

Audience

The DevOps simulation is suitable for:

- Executive buy-in to DevOps initiatives
- Development teams
- Those involved in Service, Process & Integration roles
- Operations
- The business in general
- Accelerates adoption of DevOps across the enterprise
- Turns DevOps opponents into advocates
- Clearly communicates the DevOps case for change
- Creates shared understanding for Development and Operations around how to work together as a high performing cross-functional team
- Provides new practices that can be executed with immediate effect

Course objectives

Your business will quickly experience the DevOps difference:

- Creates a positive, ‘one team’ culture around DevOps

Detailed Course Outline

Round 1 - Chaos

- Participants are quickly immersed into a real life complex application development scenario. Chaos ensues, with poor communication and a lack of collaboration resulting in poor business results, higher development costs, longer testing times and more. As a result, opportunities are lost and revenues are negatively impacted.
- Following the first round, a review is facilitated to identify the issues and to discuss how a DevOps approach could drive improvement.

Round 2 - Improved

- Round 2 builds upon the learning outcomes from the previous round and introduces processes such as Service Virtualization, Minimum Viable Product iterations, Fail Faster and more. This drives maturity and empowers the teams towards automation, building a more collaborative culture, and ultimately improved business results.

Round 3 - Optimized

- Building on the learning outcomes of Round 1 and 2, participants learn that instilling a DevOps culture is key to achieving operational excellence. Participants experience a pronounced shift in the reduction of development times and the number of errors each application had before reaching operations. Through collaboration, streamlining, automation and repeatable practices, participants realize improved ROI and optimized business results.

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a00021894enw, August 2017, H6LR0S A.00