



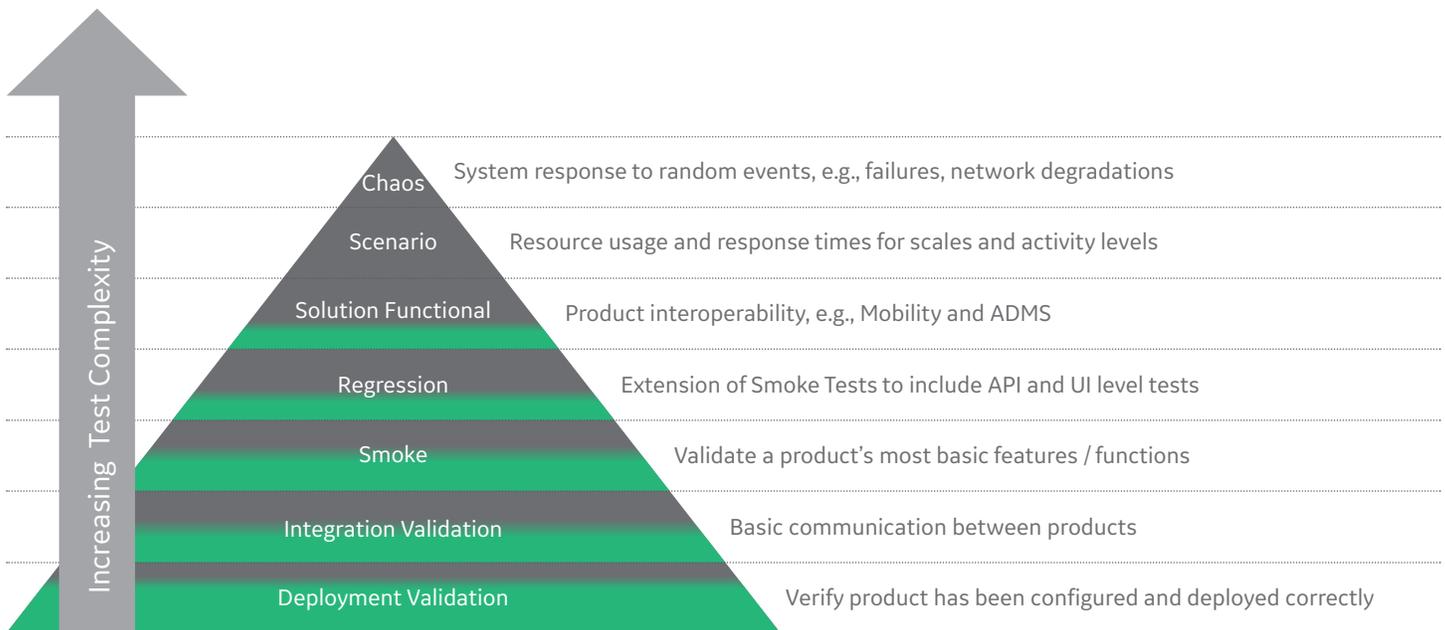
Digital Energy

Automated Testing

An automated test framework for your non-operational environments

Automatically execute a defined sequence of tests on a specified target environment to assess correct configuration and proper behavior of installed GE Digital applications.

GE Digital has historically leveraged DevOps and automation for software building, deployment and testing, both to reduce product development and project cycle times as well as to improve the quality of delivered software. GE Digital is now making available to its customers an automated test framework to validate product configuration, deployment, features and functions. A number of API and UI level tests, as well as a limited number of tests focusing on product interoperability, are also available.



Maturity model for automated testing

GE Digital is constantly extending the number of tests in the above areas. As part of the Automated Testing roadmap, GE Digital will introduce additional tests for the smoke, regression and solution functional levels and initiate the development of select tests focusing on verification of application resource usage and response times, as well as system-level response to random failure events.

KEY FEATURES

GE Digital Automated Testing comes with:

- Standalone or integrated mode as part of an established DevOps pipeline
- Configuration files that enable tests to be tied to your specific database content
- Test profiles to address differences between specific non-production environments
- Logging pass / fail results as well as additional diagnostic information for failures
- Ability to define your own tests and leveraging keywords to reference existing tests

KEY OUTCOMES

Automated testing can bring several benefits, including:

- Validation of data, configuration and code changes
- Reduction in the level of labor-intensive manual testing
- Consistency in terms of test results due to elimination of tester-induced variation
- Ability to test more frequently / more thoroughly given time constraints surrounding urgent changes

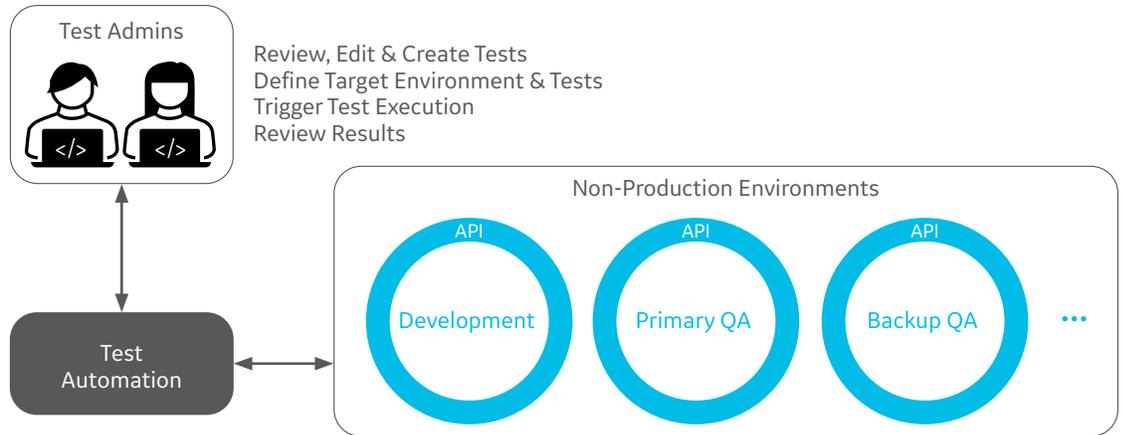
Digital Energy

Automated Testing

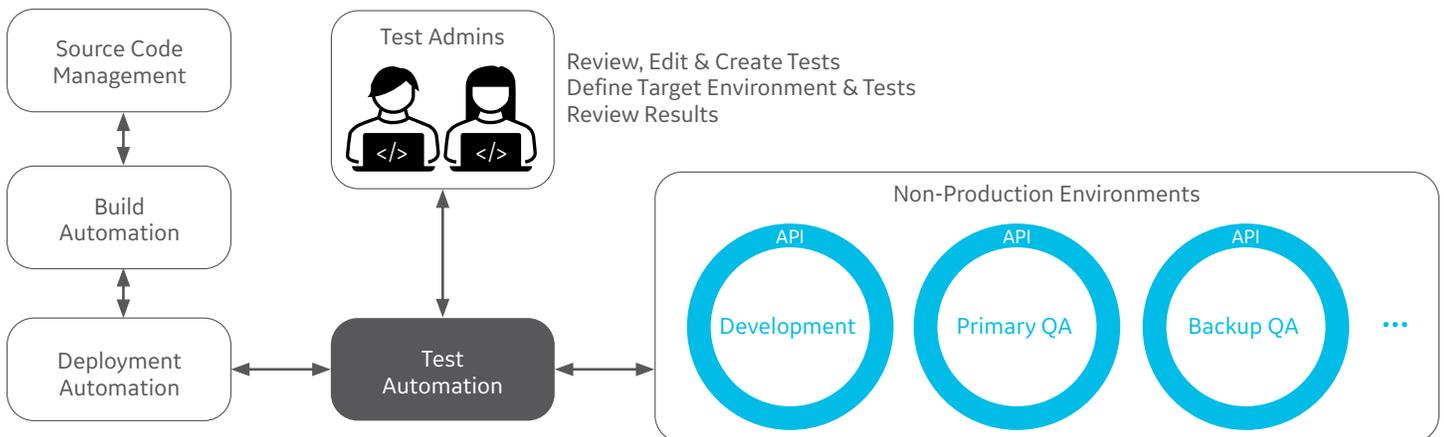
An automated test framework for your non-operational environments

Automated Testing options

Test automation can be deployed in either of two different configurations — standalone and integrated. In a standalone configuration, tests are executed by named users on specific target environments with pre-deployed software. In addition, test automation can be deployed in an integrated configuration wherein tests are executed automatically on specified target environments as part of a larger customer-furnished DevOps pipeline.



Standalone configuration



Integrated configuration

The GE Digital Services team is also available to assist in the development of new tests for your environment. For details regarding the number and type of tests available for your specific products and associated pricing, please contact your GE account manager.

Contact Us

ge.com/digital/sales-contact-me