

Test Environment Management

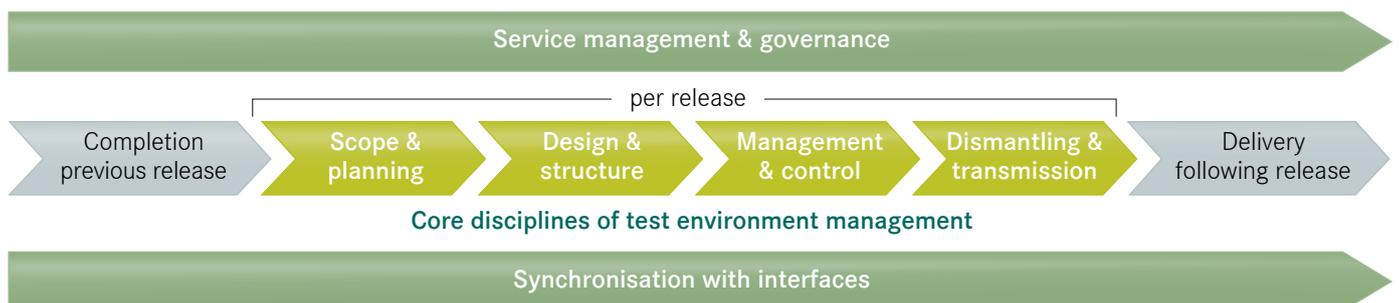
Efficient test environments with structured processes



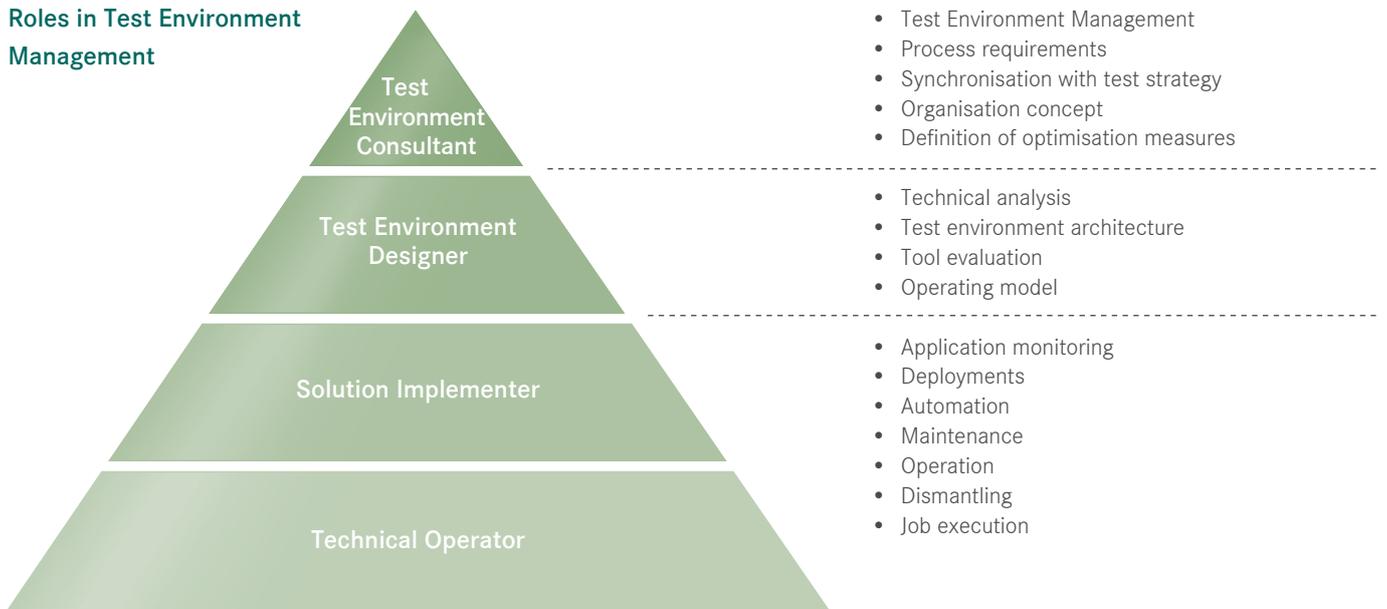
Core methodology based on processes

The increasing complexity of IT systems also results in changing demands when it comes to software quality and test environments. SQS Test Environment Management, based on the tried and tested PractiQ® methodology, not only supports clients with the creation of test environments throughout all test stages. It also provides processes for preparing and running test environments. Together with the technical disciplines within test environment management, organisational structure, supplier management and a wide range of ITIL disciplines also need to be coordinated.

Software tests often fail, due to the limited availability of test environments, how they are organised and initially planned. Test environment requirements are not clearly defined and analysed and processes are not respected during the test phase. This leads to a large number of avoidable error sources. At the same time, dependencies between the test environment and test data may not have been sufficiently analysed. Or there may be little awareness that systems interact in a complex way. This means that test data cannot be used for the test environment. Costly and complex processes need to be broken down and simplified, in order to minimise delays in the provision of systems and in the creation and running of test environments.



Roles in Test Environment Management



Decisive benefits

The design and implementation of effective, efficient and requirement-specific test environment solutions form the heart of the service. Test Environment Management from SQS enables companies to benefit from technological advances and significant time savings in their test processes. At the same time, processes used to virtualise servers and systems help create test environments automatically, while service virtualisation processes make it possible to test software, even if specific peripheral systems or services are not yet available. Targeted IT asset management makes it possible to use hardware and software efficiently, in order to achieve savings within test environments and the entire test process.

SQS expertise produces decisive advantages for companies in the targeted provision and running of test environments:

- Service virtualisation for efficient test environments
- Requirement-based and automated provision of test environments
- Controlled processes for all aspects of Test Environment Management
- Efficient deployment processes by means of standardised virtual test environments
- Cost efficiency through IT asset management

SQS consultants support clients with the introduction and improvement of test environment processes, from initial assessment to full implementation, and help resolve problems in test environments. Our experts also share their know-how by means of training courses provided by the SQS Academy.

The SQS HealthCheck also enables clients who have already implemented Test Environment Management projects to identify improvement potential and thereby increase efficiency during the creation and running of test environments.

The modular structure of SQS Test Environment Management offers companies:

- Controlled introduction processes for Test Environment Management
- Time and cost savings
- Generally faster and more efficient test processes
- Expert knowledge of the interaction of test environments and test data
- Automated test environments

Contact

For further information, or if you have any other questions, please do not hesitate to send us an e-mail: testenvironmentmanagement@sqs.com