

# Site Reliability Engineering & Observability

## Design and Operation of Resilient Systems

Increasingly complex IT system architectures require a deep understanding of how services can be operated reliably, problems detected early and failures prevented. In the fast-moving, agile world, however, it is almost impossible to operate error-free systems.

The approach is therefore to make systems fault-tolerant - resilient - instead. Site reliability engineering is the discipline that puts basic resilience concepts into practice by using appropriate tools.

In addition to the design of the system itself, an efficient monitoring solution plays at least as important a role.

### Course Contents

- Microservices and Containerization
- Resilience
- Chaos Engineering
- Monitoring, Alerting and Logging
- Litmus
- Prometheus
- Victoria
- Kubernetes
- Docker
- Netflix as a Reference
- Postmortem
- Incident

**E-Book** The detailed digital documentation package, consisting of an e-book and PDF, is included in the price of the course.

### Target Group

This course is aimed at people who are involved in the development and operation of agile solutions or who are planning to convert their method to an agile concept.

### Prerequisites

Basic programming and command line skills are desirable.

### Course Target

In this course you will gain extensive know-how on how to design fault-tolerant systems and how to detect and analyze faults in these systems. This know-how is deepened in a laboratory using common tools.

### This Course in the Web



You can find the up-to-date information and options for ordering under the following link:  
[www.expereteach-training.com/go/SREO](http://www.expereteach-training.com/go/SREO)

### Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in an non-committal manner. This can also be done by phone under +49 6074/4868-0.

### Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

### Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training	Prices, excl. of V.A.T.	
Classes in Germany	4 Days	€ 2,795
Online Training	4 Days	€ 2,795
Date/course venue	Course language	German
10/03-13/03/26	22/09-25/09/26	
10/03-13/03/26	22/09-25/09/26	

Status 01/15/2026



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# Our Training Offer for You:



## Classroom Training

The live training experience in our training centers or on your premises on-site.



## Online Training

Attend your course in online mode – without travel and accommodation expenses and effort.



## Hybrid Training

Classroom & online in one course – choose how you wish to participate in your training event.



## In-house Training

We create your customized training concepts for your project.



## Guaranteed Course Dates

ExperTeach guaranteed course dates allow for secure and reliable planning.

## Awards Won by ExperTeach

