

Corporate Training Workshop

23rd - 24th March, 2012 - For Test Leads, Test Engineers and Programmers

SOA AND WEB SERVICES - A TEST ENGINEER'S PERSPECTIVE

With the next generation of distributed computing gaining momentum, organizations are moving towards adopting better ways of managing their business.

Often the test engineering team finds itself lagging behind when it comes to understanding new technology. This workshop enables participants to understand the technology platform, design an appropriate test strategy, create and execute tests for Web Services in an SOA environment.

The workshop will help you:

- Understand fundamentals of SOA and Web Services
- Understand structure of SOAP message and UDDI
- Create, deploy and test a WSDL
- Identify defects in Web Services
- Use SOAPUI and Eclipse as part of test strategy

Pre-requisites:

- Minimum 2-3 years of experience
- Basic Java programming skills
- Basic XML knowledge

Workshop Coverage

Overview of SOA

- What is SOA?
- Types of SOA implementation
- Challenges with SOA
- Relation between SOA and Web Services

Overview of Web Services

- What is a Web Service?
- Features of a Web Service
- Understanding SOAP, WSDL and UDDI

Examining SOAP Messages

- SOAP envelope
- Message body and header
- SOAP encoding
- Understanding the Service Registry

SOA Testing Challenges

- Integration, performance, compliance and security
- Black box, white box and grey box perspective
- Phases of testing - unit, integration, system and UAT

Testing Web Services with SoapUI

- SOAPUI features
- Web service inspection and invocation
- Message validation
- Test coverage
- Functional, performance, integration, interoperability and security testing



Corporate Training Workshop

23rd - 24th March, 2012 - For Test Leads, Test Engineers and Programmers



SOA AND WEB SERVICES - A TEST ENGINEER'S PERSPECTIVE

Workshop format:

This workshop is conducted as a combination of lectures, demonstrations and hands-on assignments. The focus is on hands-on practical learning

Duration & timings:

23rd - 24th March, 2012 from 10.00 am to 5.00 pm

Fee:

Rs. 15,000 per participant (S.Tax extra)

Discounts:

15% discount for a group of 4 or more registrations

To enroll:

Email: corptraining@talentsprint.com
Call: +91 97059 92599

Venue:

TalentSprint
IIIT Campus, Block A
Gachibowli, Hyderabad
India 500 032



About the Trainers

LRV Ramana

Head, SW Testing Practice

LRV Ramana has 15 years of experience in the field of software testing. His expertise lies in mobile testing, business process testing and complex end-to-end testing engagements.

He is CSQA certified (conducted by QAI USA) and specializes in:

- Test management
- Test strategy
- Test automation frameworks
- Test process improvement
- Developing solution accelerators

He has worked with large organizations and serviced Fortune 500 companies.

Rita Ashar

Principal Trainer, SW Engineering Practice

Rita has 11 years of experience in conducting corporate training on Java and J2EE technologies. She has conducted more than 50 training sessions for medium and large technology firms.

She is Sun Certified in Java and specializes in:

- Java, J2EE
- Oracle fusion
- C, C++ & C#
- Ajax
- Android

Rita has trained hundreds of engineers in her career. She is also an active speaker in different online forums.

About TalentSprint

TalentSprint (www.talentsprint.com) is a leader in creating high performance professionals for the global industry through fast-track transformations. Focused on IT and BFSI sectors, TalentSprint has developed experiential learning programs that are based on industry-designed curriculum and are backed by national or international certifications.

TalentSprint courses focus on professional education and practical learning that can be applied in the workplace. These courses are taught by seasoned professionals with deep domain expertise and years of industry experience.