

System z Application Development and CICS for SOA

Our complimentary one-day seminar focuses on how to make best use of new and existing CICS® applications in a service oriented environment – as part of your On Demand enterprise.

9:00AM

SOA overview for the System z™

Service oriented architecture (SOA) is an application framework that breaks down business applications into individual business functions and processes, called “services.” An SOA lets you build, deploy and integrate these services independent of applications and the computing platforms on which they run, making business processes more flexible. This session will cover how SOA gives you the agility to respond quickly to customer demands, market opportunities and external threats.

9:30AM

Enabling SOA with CICS Web services support

CICS support for Web services is a fast developing capability proving to be highly popular with many customers. This session will cover the system and application considerations when using Web services. This includes how to configure CICS systems to support multiple levels of SOAP and Web services functionality, implement workload management when hosting Web services, and how to choose the style of conversion to use.

11:00AM

Identifying and deploying your assets for SOA

Service oriented architecture helps bridge the gap between business and IT by reusing existing IT investments to develop flexible business processes needed in modern business. In the SOA application life cycle, the first step is to identify the components and CICS resources that can be assembled into SOA services. Those services can then be deployed throughout your enterprise. This session introduces two CICS tools to assist with these tasks: CICS Interdependency Analyzer and Business Event Publisher.

11:30AM

Migrating to a CICS based SOA environment

CICS Transaction Server V3.1 puts CICS in the heart of your SOA implementation. This session covers some CICS TS 3.1 migration considerations and tools to assist you. You'll learn how to quickly assess and optimize performance of CICS applications; manipulate definitions seamlessly across CSD files and CICSplex® System Manager data repositories; identify non-conforming applications – and how the tools help after migration. Product solution topics include CICS Configuration Manager, CICS Interdependency Analyzer and CICS Performance Analyzer.



12:45 PM

Deploying and modernizing core System z applications with productivity tools

If your organization is typical, you spend 60-80 percent of your IT budget on maintaining mainframe applications, which can leave you unable to deliver new projects. Whether your mainframe applications are used in traditional ways or are integrated in Web applications, your mainframe developers need help. This session will cover IBM solutions that help you better understand your applications and arm your COBOL developers to be more productive in their efforts.

1:45 PM

Improving mainframe developer productivity

If you're an ISPF user, you may have found it too time-consuming and not user friendly enough. That's why IBM is offering the ISPF Productivity Tool. In this session, you'll discover how to increase productivity with easy access to functionality within ISPF. Because it's completely integrated with ISPF, the ISPF Productivity Tool provides functionality from any ISPF screen into the standard ISPF lists. It lets you turn ISPF into a centralized, object-oriented development center that dramatically improves performance.

2:15 PM

Deploying application development for composite COBOL, PL1 and Java® applications

Composite applications are assembled from many types of component parts, using Web services standards, and non-standard interfaces of older applications. The session will explain how to build and deploy composite CICS and WebSphere® applications using the IBM WebSphere Studio tooling and the Enterprise Compilers. The session will also demonstrate how to discover the value of your current traditional assets and enable reuse of these assets in a mixed workload environment.

3:00 PM

Systems and application end-to-end performance management

Whether you're upgrading to the latest version of CICS and need the latest monitoring tools, or you want to be sure you're managing an enterprise for best performance, IBM Tivoli® OMEGAMON®, Application Performance Analyzer and CICS Performance Analyzer can help. This session will demonstrate how these tools can be used together for end-to-end performance management and tuning of your system and applications. A sample scenario will show the synergy of the tools.

3:15 PM

CICS and SOA architecture implementation considerations

This session addresses common architectural decisions to be made while moving CICS applications to a service oriented architecture. Areas discussed will include service granularity, when to use the CICS Transaction Gateway, tight versus loose coupling, where to expose services and where to process XML, as well as integration issues. You'll also learn about strategic CICS connectivity options, and when each of these options is appropriate.



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