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# ACORD Security Profiles: Securing Insurance Web Services

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## Abstract

ACORD Web services security profiles work identifies the security requirements for the insurance industry Web services implementations and addresses them by defining multiple security profiles providing varying degrees of message integrity, confidentiality, and authentication by profiling SSL, OASIS Web Services Security and WS-I Basic Security Profile technologies. The security work also provides guidelines for protecting SOAP messages with MIME attachments. This session will provide an in-depth technical overview of the approach that ACORD has taken towards defining security solutions for an entire industry.

Specifically, the session will cover the following topics:

- Overview ACORD SOAP Messaging service
- ACORD Web services security requirements as applicable to ACORD SOAP Messaging Service
- ACORD Security Profiles
  - Initial
  - Basic
  - Medium
  - Maximal
- Lessons learned
- Attachment security
- Authentication
- Insurance specific requirement handling
- Implementation examples
- How would we like to evolve this work going forward

This session would be very helpful in addressing the concerns/dilemma pertaining to how to design security of Web services applications for architects working in financial services as well as other industries.

Note - Author was closely involved as a standards representative with the ACORD Joint Architecture Group - Framework working group throughout the lifecycle of this work.

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The author did not prepare a paper for the proceedings.

# Biography

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Rima Patel is a Java Technology Evangelist at Sun Microsystems and is presently in the Boston area. She loves evangelizing technologies involved in distributed and wireless computing. She reaches the developers around the world and talks technology with them through Sun Technology Days and various other recognized events in the industry. Rima is a Math graduate carrying 6 years of architecting and solutions development experience on Java and MS platform technologies. She used to work as an Architect with a startup, prior to joining Sun. Apart from information technology, she is extremely interested in quantum physics and science fiction.