

Topic Area/Track: Security / Reliability

Title: Managing Business Processes Over a Reliable Infrastructure

Keywords:

Business collaboration, business process, Web Services, ebXML, exceptions, quality of service, distributed systems, eBusiness, eCommerce, business transactions

Brief Session Description:

This paper describes how reliable infrastructures support business collaboration. In today's distributed environment, business process automation based on a Service-Oriented Architecture (SOA) is imperative. Shared business collaboration is supported by secure reliable infrastructures. Quality-of-service aspects are defined in the business process, and are inherent in the business semantics for collaboration.

Technical Needs:

No special requirements.

Abstract

In the ebXML Business Process Specification Schema (BPSS) technical specification, the shared collaboration space identifies key quality-of-service information important to successfully execute the public business processes. When a business process definition becomes a real-world event, those assumptions help drive the business expectations and the messages that express them.

The business process specification, the underlying application and network transports support everyday business operations. Certain assumptions are made to ensure reliable message delivery, valid business document content, and successful execution of public and private business processes. At the business collaboration level, those underlying criteria and constraints are an important part of the business process definition and its use in business collaboration. The business message and signal patterns and definitions build upon those fundamental capabilities.

This white paper will explain how important that interdependence and support are to successful eBusiness electronic exchange.

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