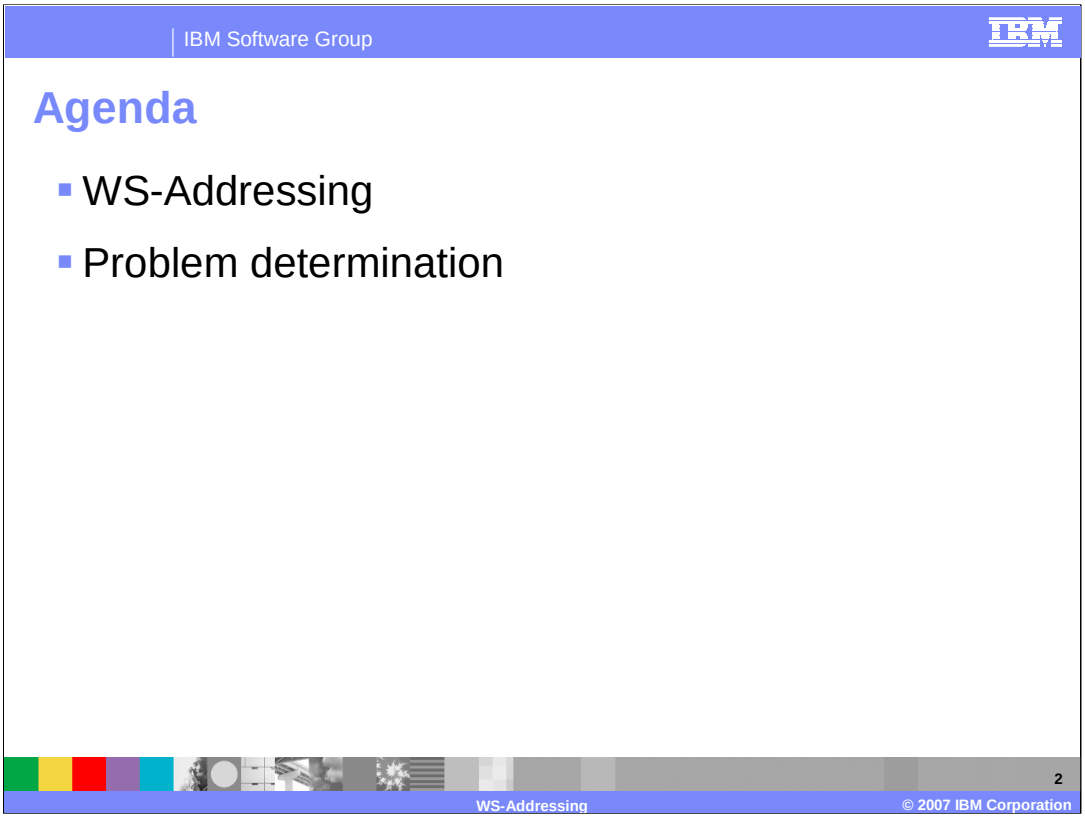
This presentation will explain the new policy sets feature for WS-Addressing in the Feature Pack for Web Services.

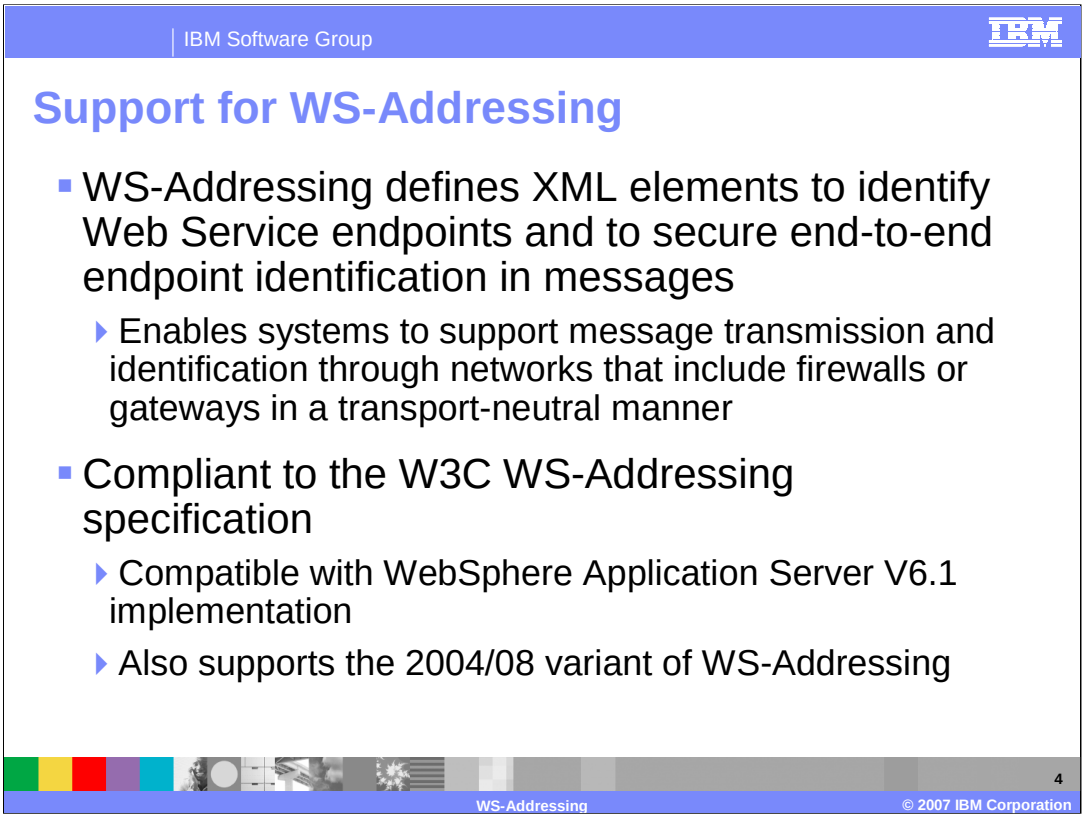


This presentation will explain the policy set support for WS-Addressing in the Feature Pack for Web Services. This support is specific to the JAX-WS programming model.

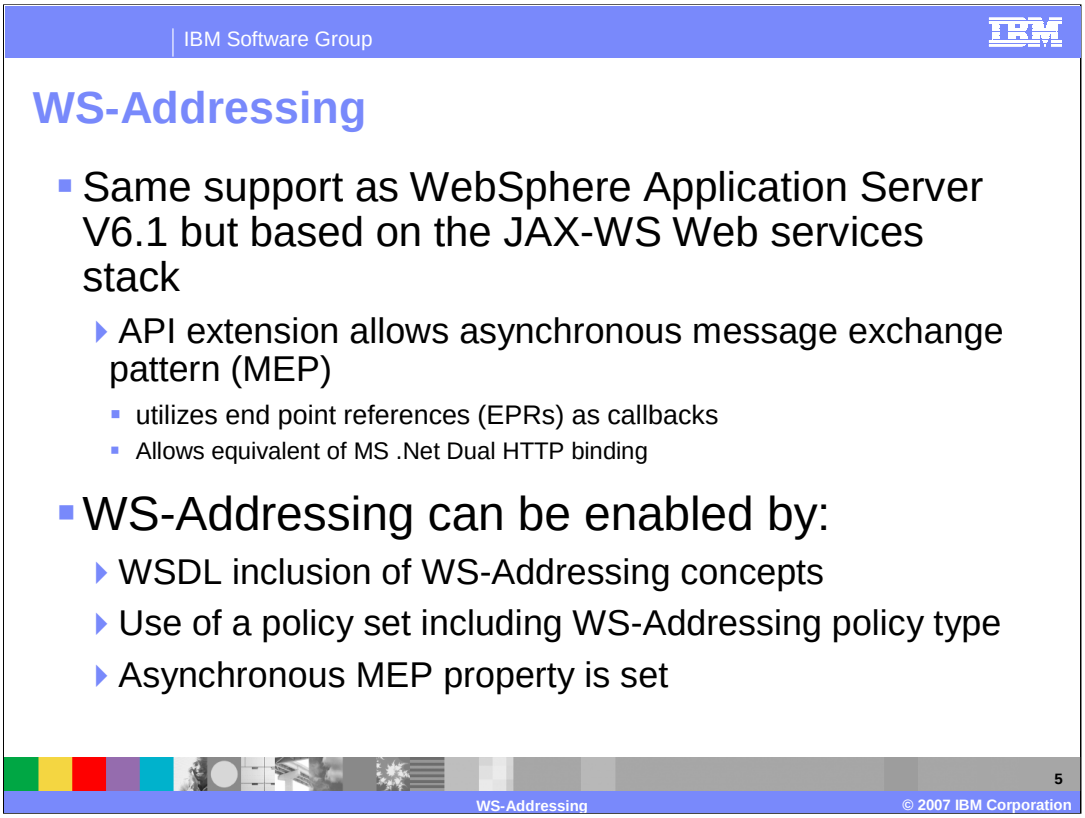
Section

WS-Addressing

The next section discusses the support for WS-Addressing.

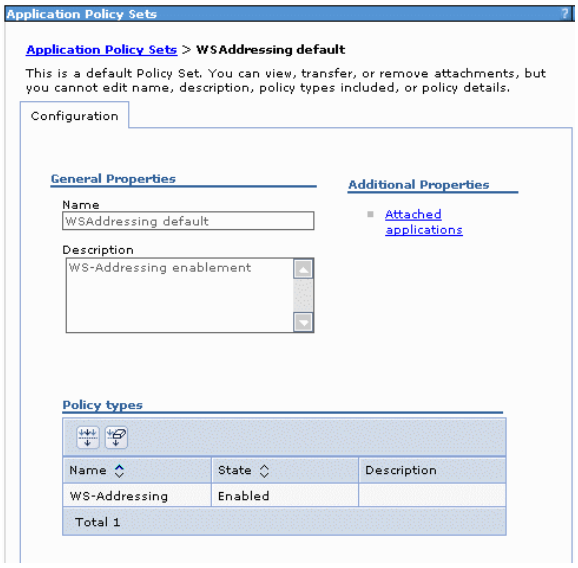


The Feature Pack for Web Services supports the Web Services Addressing specification, or WS-Addressing. WS-Addressing specifies XML that is placed into SOAP messages for Web Services that identifies the endpoint where that message originated. WS-Addressing allows systems to identify where messages originated regardless of what network intermediaries they travel through, this is often important information for security and other qualities of service. The Feature Pack for Web Services implementation is compliant to the W3C WS-Addressing specification, and compatible with the implementation provided by WebSphere Application Server V6.1.



The WS-Addressing support in the Feature Pack for Web Services is based on the JAX-WS programming model that is introduced with the Feature Pack. An extension to the WS-Addressing API allows for asynchronous message exchanges, this utilizes end point references as callbacks for the messages. WS-Addressing can be enabled in a number of ways; including WS-Addressing elements in the WSDL, using a Policy Set with the WS-Addressing policy type, or by setting the asynchronous message exchange pattern property.

WS-Addressing policy set enablement



This screen shows the default Policy Set for WS-Addressing, this can be attached to an application to enable WS-Addressing.

WS-Addressing problem determination

- Trace strings
  - org.apache.axis2*
  - com.ibm.ws.wsaddressing.jaxws.*

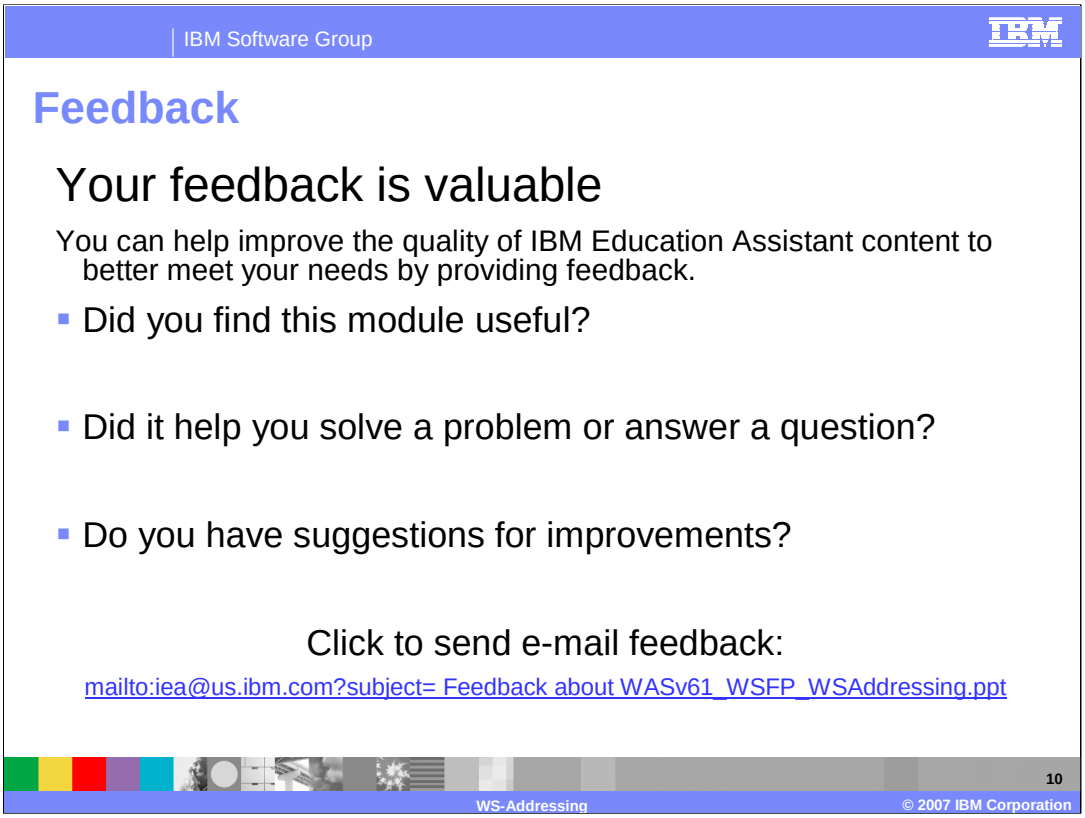
This screen shows the specific trace strings recommended for WS-Addressing, these should be used to provide additional information about WS-Addressing to support.

The next section provides a summary of this presentation.

Summary

- The Feature Pack for Web Services provides policy sets for WS-Addressing
  - Similar to the support in WebSphere Application Server V6.1 but specific to JAX-WS

The Feature Pack for Web Services provides new support for Policy sets that can be used to configure WS-Addressing for JAX-WS based Web Services.



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