- SOA-DIRECT (Oracle SOA Suite) and BPEL
- Tuxedo (Oracle Tuxedo)
- WS (Web Services Reliable Messaging

Service Bus also provides the Custom Transport SDK so you can create new transports to connect with systems not covered above.

1.3.3.2 Service Types

Service Bus supports a variety of service types ranging from conventional web services (using XML or SOAP bindings in WSDL files) to non-XML (generic) services. You select and configure the service type when you create a business or proxy service. The available service types for a proxy or business service depend on the transport being used. Service Bus supports request and response as well as one-way paradigms, for both the HTTP and the JMS asynchronous transport protocols. If the underlying transport supports ordered delivery of messages, Service Bus also extends the same support.

Not all service types can be used with all transport protocols. The following table shows the service types and the transport protocols they support.

Service Type	Transport Protocols
WSDL Based Service	BPEL-10g, DSP, HTTP(S), JCA, JMS, Local, SB, SOA-DIRECT, WS JMS request and JMS response are not supported if WS-Security is enabled.
Any SOAP Service (non-WSDL)	HTTP(S), DSP, JMS, Local, SB JMS request and JMS response are not supported if WS-Security is enabled.
Any XML Service (non-WSDL)	DSP, email, File, FTP, HTTP(S), JMS, Local, MQ, SB, SFTP, Tuxedo HTTP GET is only supported for XML with no WSDL.
Messaging Service	email, File, FTP, HTTP(S), JMS, Local, MQ, SFTP, Tuxedo Business services using the email, File, FTP, or SFTP transport support one-way messaging services *only*; the response message type should be `none`.
Native REST Service	HTTP(S), Local

The BPEL-10g, DSP, EJB, and SOA-DIRECT transports are only supported with business services.

1.3.4 Transformation Resources

In addition to creating inline XQuery expressions directly in message flow actions, you can reference transformation maps that define more complex mappings between source and destination services. When disparate message data types exist between source and destination services, data mapping ensures service compatibility. Service Bus supports data mapping using XQuery and eXtensible Stylesheet Language Transformation (XSLT) standards, along with XPath expressions. You can also use cross reference tables and domain value maps to map field values between services.

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Messages can be transformed in the following ways:

- Using XQuery or XSLT to reformat the message structure.