

TERM	DEFINITION
Acceptance Acknowledgement	A Business Signal that is required or optional in the defined Business Transaction patterns; it signals that the message received (Request or Response) has been accepted and completed for business processing by the receiving application
Acceptance exception	Signals an error condition in a Business Activity which requires termination of Business Transaction; usually means the processing application (which is unknown to other party) received the business document but was unable to successfully process it
Activity Uncertain this is needed as we don't have an activity element	action (behavior) Behavior occurring in a business transaction, e.g. start
Atomicity	A unit of work (called a Business Transaction) that cannot be decomposed further
Binary Collaboration	A set of Business Activities between two abstract partners or top level roles
Business A action	An abstract super-class that holds the attributes that are common to both requesting Business Activity and responding Business Activity; provides a logical boundary whereby an activity (requesting or responding) is conducted by a defined role; allows exit and entry transitions for Requesting and Responding Activity states element container that is not included in a Business Transaction definition. It holds the elements common in both of the abstract roles of the two parties in a Business Transaction; an abstract element that is the holder of attributes that are common to both Requesting Business Activity and Responding Business Activity. This element cannot appear in ebBP instances.
Business Activity	A Business Activity can be expressed as a Business Transaction Activity, Complex Business Activity or a Collaboration Activity
Business Collaboration	A set of roles that business partners assume in a Business Activity through the exchange of business messages in a peer-to-peer environment rather than a controlled environment to achieve a business goal
Business collaboration choreography	Describes the potential sequencing and transitions in a Business Collaboration
Business collaboration level	Business Collaborations can be specialized as Binary or Multiparty Collaborations; or, nested in another Business Collaboration (in a Collaboration Activity)
Business collaboration protocol	Defines the business messages and signals that insure that state alignment for a Business Collaboration instance is strictly identical for both parties
Business document	A logical structure that may be defined by an external document specification, or assembled from lower level information structures called core components; a logical entity that may be composed from more than one source and may be supplemented by unstructured documents such as attachments
Business Document Flow	A Business Transaction is realized as Business Document flows between the requesting and responding roles.

Business message	Can be either a document envelope or a Business Signal, it typically includes a business document. May include variable message content that may vary at run-time and over time, and is under the control of an application or service
Business Service Interface	A partner's implementation of the shared definition of business states and actions relevant to a common business goal; may be identified as software component(s) that enforce (s) semantics and achieves state alignment for the parties
Business Signal	An object that is transmitted back to the activity that initiated the transfer of execution control; function is to communicate a specific business purpose; has a fixed structure and under control of infrastructure
Business state	A specific point in a Business Activity including transitions as part of the choreography
Business Transaction Activity	P performs a business transaction in a business collaboration; assigns specific roles, i.e. buyer, to the requesting or responding (abstract) roles. The activity of conducting a single Business Transaction including assigning specific roles, e.g. buyer, to the requesting or responding roles
Business Transaction patterns	ebBP technical specification lists 8 patterns, and concretely expresses the 6 defined patterns in UMM; a reusable construct that specifies type of message exchange (request, response and signals) that applies for a given Business Transaction definition, and the business semantics related to the pattern's use
Business transaction protocol	Design to achieve state alignment between both parties involved in transaction through use of Business Signals and reliance on a reliable messaging service
Business Transaction	A unit of work in a trading arrangement between two parties playing opposite <u>opposite (abstract partner)</u> roles; consists of one or two predefined Document Flows; will attain a success or fail state.
<u>Choreography</u>	<u>The potential ordering or sequencing, and transitions between Business Transactions, or sub collaborations, within a Business Collaboration</u>
Collaboration Activity	The activity of conducting a Business Collaboration that transitions to another Business Collaboration
Complex Business Transaction Activity	Allows for nested Business Transaction Activities to happen in a recursive manner; this does not affect the atomicity of the Business Transaction rather it is a sequencing concept that provides status visibility to sub-parties acting in another BTA not the BTA defined
Condition Expression	A logical condition that evaluates to either true or false; used to interrogate contents of the Business Document
Document Envelope (Seems like v2.0 definition)	Named representation of the business Document Flow; is associated with one requesting Business Activity or with zero, one or many responding Business Activity; each document envelope contains one business document and one or more attachments related to business document <u>always one Document Envelope for a requesting activity. Can be zero, one or more exclusively named Document Envelope for Responding Activity. Each contains one Business Document and one or more attachments</u>
Document Envelope Notation	The name or identity of a document envelope

ebBP definition	A business process definition created with the ebXML Business Process Specification Schema technical specification; describes interoperable business processes that allow business partners to collaborate and achieve a given business goal
<u>ebBP specification</u>	<u>Provides the elements needed to specify a Business Collaboration between business partners, and provides the configuration parameters important for the partners' runtime systems in order to execute that Business Collaboration between a set of eBusiness software components, e.g. BSI</u>
General Exception Guard	A Business Signal that is sent when unplanned events occur Governs incoming transitions; refers to status of an activity from which the transition originates
hasLegalIntent	Represents overt statement between trading partners and their shared intent
Initiating role	The role in an activity that is assigned the 'from' role; the role that sends the first business message, e.g. a request
Inner collaboration	A Business Collaboration that is part of a Collaboration Activity that is initiated by another Business Collaboration; it cannot be initiated by itself
isConcurrent	Governs flow of transactions within Business Collaboration, limits ability to execute more than one instance of the same Business Transaction within a Collaboration Activity
isIntelligibleCheckRequired	Message has passed a structure/schema validity check prior to the processing of the business document or document envelope; this is separate from and in addition to a Receipt Acknowledgement
Message Service Interface	Set of messages exchanged between partners, and the interface defined rules governing the sequencing and processing used to support a business process
Multiparty Collaboration	A set of Business Activities that involves more than two abstract partners or top-level roles
Non repudiation	Authentication that with high assurance can be asserted to be genuine, and that can not subsequently be refuted
Non substantive	A response that indicates receiving party has reached a satisfactory state
Notification of Failure	A defined business message that is sent when an unwanted event that could reasonably be anticipated occurs, such as a party cannot determine if a contract has been formed
<u>(abstract) Operation</u>	<u>-ion et-Abstract description of action being carried out by a service, which is standalone having no relationship between operations, sequencing or enforcement, e.g. state alignment</u>
Operation Mapping	Specifies the mapping of a BTA to a set of <u>abstract</u> web service operation invocations that enable the participation of non-ebXML capable business partner in an ebXML <u>or hybrid</u> relationship
Operational view	A perspective that shows the elements and commitments made by the parties to form a Business Activity
Package	Mechanism for organizing elements into groups, and defining their namespace
Performs	Used to assign roles that a party assumes in a Business Collaboration involving more than two parties where the Performs binds the referring and referred to roles, i.e. those assumed and used by the party
Persistent authentication	Authentication of Business Document is verified at receiving application level

Persistent confidentiality	Decryption occurs after business document is received at message node only by authorized application
Protocol exception	Indicates whether processing of the Business Transaction failed at either the requesting or responding role
Receipt Acknowledgement	Business signal that is defined as required or optional in a Business Transaction pattern; signals that message has been successfully received
Receipt Exception	Signals an error condition in a Business Activity which requires a transaction to be terminated, i.e. receipt of a business message with a business document that has failed
Reliable messaging service	Provides guaranteed message delivery at transport level
Requesting Business Activity	A required component of a Business Transaction that is sent by the requesting role as a Document Envelope; performed by the partner in a role that is requesting business service from another business partner in a role
Requesting role	A top-level or abstract partner role; the partner that initiates and concludes a Business Transaction (initiating role)
Request Document Flow	Contains business document that relates to Business Transaction request
Responding Business Activity	A component of a Business Transaction that is sent by the responding role as a Document Envelope; performed by a partner in a role that is responding to a request for a business service
Response Document Flow	Contains business document that relates to Business Transaction response
Responding role	A top-level or abstract partner role in an activity which is assigned the 'to' role
Role	A function played by a business partner in a specific state of the Business Collaboration
Semantic process	Actual business process
Service choreography	Systems implementation of business processes
State alignment	When a Business Collaboration instance is identical for both parties
State synchronization	Alignment of business states between two parties when the resources shared by the two enterprise systems is limited
Status visibility	An element of a Complex Business Transaction Activity to allow state monitoring by the higher level Collaboration Activity
Substantive business message	Response that includes a business document
Substitution set	supports the capability to take a generic business process and augment specialize it for a specified domain use
Timeout	Time value has been exceeded for an activity; allows for the definition of a mechanism to allow sender who has not received an acknowledgement in the prescribed time to resend or terminate the Business Transaction as previously agreed
TimeToPerform	Element that specifies value that is a time interval within which activities are expected to occur
Transition	Passage from one state to another

Variable	<p>Are named information elements that are available to bind concepts across Business Transaction; allow abstract elements used in conditional statements as well as external specifications (e.g. business agreements) to link to logical business documents contents Used to interrogate contents of business document, cannot interrogate contents of attachments; semantic information that can provide further conditions on semantic content; can also allow semantic condition to be defined during process lifecycle, i.e. late binding may apply</p>
Well-formedness rules	Aids to implementers in using specific constructs

