

# ISO/IEC 25437:2012-11 (E)

## Information technology - Telecommunications and information exchange between systems - WS-Session - Web services for application session services

---

<b>Contents</b>		<b>Page</b>
Foreword .....		v
Introduction .....		vi
1	Scope .....	1
2	Conformance .....	1
3	Normative references .....	1
4	Terms, definitions and namespaces .....	2
4.1	Terms and definitions .....	2
4.2	Prefixes and namespaces .....	2
5	Abstract WSDL Definitions .....	3
5.1	Provider WSDL .....	3
5.2	Notification WSDL .....	4
6	SOAP Binding .....	4
6.1	SOAP Binding for Provider WSDL .....	5
6.2	SOAP Binding for Notification WSDL .....	5
6.3	SOAP Binding of sessionID .....	5
6.4	SOAP Fault Messages .....	6
7	Event Subscription and Notification .....	7
Annex A (normative)	Event Subscription Using WS-Eventing .....	8
A.1	General .....	8
A.2	Subscription Fault .....	8
Annex B (normative)	Subscription Using WS-BaseNotification Option .....	9
B.1	General .....	9
B.2	Subscription Fault .....	9
Annex C (normative)	Asynchronous Response to Subscription Request Option .....	10
Annex D (informative)	Example WS-Session WSDL binding with SOAP/HTTP .....	11
D.1	Service Provider WSDL with SOAP/HTTP Binding .....	11
D.2	Notification WSDL with SOAP/HTTP Binding .....	12
E.1	StartApplicationSession request message template .....	13
E.1.1	StartApplicationSession Positive response message template .....	13
E.1.2	StartApplicationSession negative response message template .....	13
E.2	StopApplicationSession request message template .....	14
E.2.1	StopApplicationSession positive response message template .....	14
E.2.2	StopApplicationSession negative response message template .....	14
E.3	ResetApplicationSessionTimer request message template .....	14
E.3.1	ResetApplicationSessionTimer positive response message template .....	15

E.3.2	Reset Application Session Timer negative response message template .....	15
E.4	ApplicationSessionTerminated .....	15
E.4.1	Template of ApplicationSessionTerminated event notification for unwrapped event sink which applies to both WS-Eventing and WS-BaseNotification options .....	15
E.4.2	Template of ApplicationSessionTerminated event notification to wrapped event sink of WS-Eventing .....	16
E.4.3	Template of ApplicationSessionTerminated event notification to wrapped event sink of WS-BaseNotification .....	16
Annex F (informative) WS-Eventing SOAP XML Message Templates .....		17
F.1	ApplicationSessionTerminated Event Subscription SOAP message template .....	17
F.2	Template of positive response to the event subscription .....	17
F.3	Template of negative response (fault) to event subscription .....	18
F.4	Template of Unsubscribe message .....	18
F.5	Template of positive response to Unsubscribe message .....	18
Annex G (informative) WS-BaseNotification SOAP XML Message Templates .....		19
G.1	ApplicationSessionTerminated Event Subscription SOAP message template .....	19
G.2	Template of positive response to the event subscription .....	19
G.3	Template of negative response to the event subscription .....	20
G.4	Template of Unsubscribe message .....	20
G.5	Template of positive response to Unsubscribe message .....	21
Annex H (informative) Summary of Changes .....		22