

# ISO 3531-3:2022-04 (E)

## Financial services - Financial information eXchange session layer - Part 3: FIX session layer test cases

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>FIX session layer test cases .....</b>	<b>1</b>
4.1	Applicability .....	1
4.2	Test cases .....	1
4.3	Buy-side-oriented (session initiator) Logon and session initiation test case .....	1
4.3.1	Scenario 1B Connect and Send Logon message .....	1
4.4	Sell-side-oriented (session acceptor) Logon and session initiation test case .....	2
4.4.1	Scenario 1S Receive Logon message .....	2
4.4.2	Scenario 2S. Receive any message other than a Logon message .....	3
4.5	Test cases applicable to all FIX systems .....	3
4.5.1	Scenario 2 Receive Message Standard Header .....	3
4.5.2	Scenario 3 Receive Message Standard Trailer .....	5
4.5.3	Scenario 4 Send Heartbeat message .....	6
4.5.4	Scenario 5 Receive Heartbeat message .....	6
4.5.5	Scenario 6 Send Test Request .....	6
4.5.6	Scenario 7 Receive Reject message .....	6
4.5.7	Scenario 8 Receive Resend Request message .....	7
4.5.8	Scenario 9 Synchronize sequence numbers .....	7
4.5.9	Scenario 10 Receive Sequence Reset (Gap Fill) .....	7
4.5.10	Scenario 11 Receive Sequence Reset (Reset) .....	8
4.5.11	Scenario 12 Initiate logout process .....	8
4.5.12	Scenario 13 Receive Logout message .....	9
4.5.13	Scenario 14 Receive application or session layer message .....	9
4.5.14	Scenario 15 Send application or session layer messages to test normal and abnormal behaviour/response .....	11
4.5.15	Scenario 16 Queue outgoing messages .....	11
4.5.16	Scenario 17 Support encryption .....	12
4.5.17	Scenario 18 Support third party addressing .....	13
4.5.18	Scenario 19 Test PossResend handling .....	14
4.5.19	Scenario 20 Simultaneous Resend request test .....	14
Bibliography .....		15