

## Video Demo #4 - Accessing Data and Alternate JNDI Failover

URL: <http://www.youtube.com/watch?v=VoGiNjDi63U>

### Video Abstract:

Review of how cross-memory local connectors are configured and a demonstration of failover from a configured primary JNDI data source to an alternate, as well as the use of MODIFY to manually failover and fallback.

Start	End	Time	Topic Covered
00:00	00:19	0:19	Video introduction.
00:19	00:53	0:44	Picture illustration making point that focus is on local cross-memory connectors.
00:53	02:42	1:51	Admin Console review of JDBC provider for DB2 z/OS, the Type 2 data source, and an application <resource-ref> to the data source.
02:42	03:51	1:09	Admin Console review of JCA provider for CICS, the local EXCI connection factory definition, and an application <resource-ref> to the connection factory.
03:51	04:23	0:32	Admin Console review of JMS provider for MQ and the local queue connection factory definition.
04:23	06:11	1:48	Picture pointer to WP101532 document and review of chart 35 which summarizes the benefits of "co-location" using local connectors.
06:11	07:43	1:32	Picture pointer to WP101476 document that shows results of benchmark comparins CP usage (GP and speciality) between T2 and T4.
07:43	07:48	0:05	Topic transition chart - "Alternate JNDI Failover"
07:48	08:39	0:51	Animated picture illustration of how "Alternate JNDI Failover" works.
08:39	10:30	1:51	Admin Console review of data source configuration with Alternate JNDI failover defined, as well as application <resource-ref> to the <i>primary</i> JNDI.
10:30	11:41	1:11	Demonstration of failover from T2 to T4 after two failures on primary JNDI.
11:41	12:02	0:21	Review of server controller held output showing message indicating failover from primary to alternate has occurred.
12:02	12:44	0:42	Review of server controller held output after local DB2 restarted showing recognition of DB2 recovery. New connection then resume using local.
12:44	13:22	0:38	TSO =SDSF.LOG review of z/OS MODIFY to failover and fallback the connection. This is useful for <i>planned outage</i> scenarios.
13:22	14:18	0:56	Picture illustration of z/OS-exclusive keywords for failover function.
14:18	15:10	0:52	Browser and 3270 held output review of "failureNotificationActionCode=2," which stops the listener ports on the affected server.
15:10	15:56	0:46	Browser and Admin Console review of "failureNotificationActionCode=3," which stops the affected application but leaves other apps running and accepting work.
15:56	16:49	0:53	Video summary.