

Advanced DataTools Corporation

Informix Backup, Recovery and High Availability by Lester Knutsen

CHECKLIST - Informix replication process HDR

	Primary	Secondary
INFORMIXSERVER	tiger4	tiger4S
DBSERVERALIAS	tiger4tcp	tiger4Stcp
Hostname	tiger4	tiger8
Informix Port	sqlexec (9088)	sqlexec (9088)

Steps	Primary	Secondary
1	Setup the environment – Informix.env	Setup the environment – informixS.env
2	Setup Trusted Connections in ONCONFIG REMOTE_SERVER_CFG filename Use file HDRtrust	Setup Trusted Connections in ONCONFIG REMOTE_SERVER_CFG filename Use file HDRtrust
3	Add to ONCONFIG LOG_INDEX_BUILD=1	
4	Add entries to sqlhosts file for secondary	Add entries to sqlhosts file for primary and secondary
5	Do a backup ontape -s -L 0	
6	Start Primary Server: onmode -d primary tiger4Stcp	
7		Copy onconfig from primary and make following changes: <ol style="list-style-type: none"> 1. TAPEDEV 2. DBSERVERNAME change to tiger4SS 3. DBSERVERALIAS change to tiger4Stcp
8		Copy the ontape backup from the primary and restore backup from primary ontape -p
9		onstat - make sure it's in fast recovery
10		Start the Secondary Server: onmode -d secondary tiger4Stcp
11		onstat - m -r wait until fast recovery goes away
12	Test connection	Test connection

Switching Primary and Secondary Servers

Manual Commands

Steps	Old Primary – New Secondary	Old Secondary – New Primary
1	Make sure the old primary is shutdown: onmode -yuk	
2		Change Old Secondary to standard: onmode -d standard
3		Change Old Secondary to primary: onmode -d primary tiger4tcp
4	Start the Old Primary Server in Physical recovery mode: oninit -PHY	
5	Start as New Secondary: onmode -d secondary tiger4Stcp	

Switching Primary and Secondary Servers

Using Informix Scripts

Steps	Old Primary – New Secondary	Old Secondary – New Primary
1	Make sure the old primary is shutdown: onmode -yuk	
2		Change Old Secondary to New Primary, On Old Secondary run: hdrmkpri.sh <primary_server_name> (This will shut down the server)
3	On Old Primary run: hdrmksec.sh <secondary_server_name>	
4		Start the Server in Physical recovery mode: oninit