

# Informix Table Creation & Add Column Activity

Final Plan for Table Creation & Add column activity in Informix Database.

## 1) DBA team to stop monitoring from Database side.

```
cd /opt/informix/ixmonitor/scripts
informix@adetrmas:/opt/informix/ixmonitor/scripts> vi config_ifxmonitor.sh
```

```
#SET this VALUE is Y, to exit at anytime
DO_YOU_WANT_TO_EXIT=N
```

Value after change

```
-----
#SET this VALUE is Y, to exit at anytime
DO_YOU_WANT_TO_EXIT=Y
```

## 2) Put all four Informix Instances in Administrative mode .

Switch to each instance .

onstat -u - also Verify the connections to the database , there should not be any connections to Informix instances .  
If in above command if we find any user connection get the session id and kill the session using below command.

```
onstat -g ses sessionID
onmode -z session ID to kill the session in case required .
onmode -j - Only informix user will be able to connect the database .
```

If any remaining sessions then take snaps and data .

## 3) Take full backup of all the 4 Informix instances.

Switch to each instance before taking backup ( do it one by one )

```
-----
onbar -b -L 0      =====> do this ratakt1.
onbar -b -L 0      =====> do this ratakt2.
onbar -b -L 0      =====> do this ratakt4.
onbar -b -L 0      =====> do this ratcalp2.
```

## 4) Please make a documentation of this cmd.

```
dbschema -d benutzer@ratakt4 -t d2ascfg -ss > DBSCHEMA_BENUTZER_BEFORE_DEPLOYMNET.log
```

## 5) Run the script :

```
./DO_benutzer_mig_RMS174984.sh benutzer@ratakt4 > DO_benutzer_mig_RMS174984_241121.log 2>&1
reference sql file : add_col_benutzer_RMS174984.sql
```

## 6) Please make a documentation of this cmd.

```
dbschema -d benutzer@ratakt4 -t d2ascfg -ss > DBSCHEMA_BENUTZER_AFTER_DEPLOYMNET.log
```

## 7) Run the script :

```
./DO_orderDB_mig_RMS174984.sh > DO_orderDB_mig_RMS174984_241121.log
reference sql file : queue_in_tmp.sql
```

#### DB list :

```
tochgval@ratakt1
arsoc@ratakt1
tochgreq@ratakt1
erwerb@ratakt1
misc@ratakt1
subvent@ratakt1
subventmulti@ratakt1
aktiv@ratakt2
aktiv_imp@ratakt2
port_aktiv@ratakt2
tausch@ratakt2
wechsel@ratakt2
debitchg@ratcalp2
port_reg@ratcalp2
reg@ratcalp2
reg_imp@ratcalp2
```

### 8) Bring the database in online mode.

Switch to each instance before executing command

```
onmode -m          =====> do this ratakt1.
onmode -m          =====> do this ratakt2.
onmode -m          =====> do this ratakt4.
onmode -m          =====> do this ratcalp2.
```

### 9) Start monitoring from and applications from Informix side.

Drop an email to Application team to start applications and monitoring from their side.  
( The order of the steps should be correct. )

### 10) Sanity checks if any from application side .

Customer data query .

### 11) Check if functional users are connecting to the Database .

onstat -u

### 12) Start the Monitoring from database side.

```
cd /opt/informix/ifxmonitor/scripts
informix@adetrmas:/opt/informix/ifxmonitor/scripts> vi config_ifxmonitor.sh
```

```
#SET this VALUE is Y, to exit at anytime
DO_YOU_WANT_TO_EXIT=Y
```

Value after change

```
#SET this VALUE is Y, to exit at anytime
DO_YOU_WANT_TO_EXIT=N
```

### 13) Rollback plan.

Execute below scripts:  
UNDO\_orderDB\_mig\_RMS174984.sh  
UNDO\_benutzer\_mig\_RMS174984.sh