```
Sybase ASE & Rep Server
=======================

[sybase@localhost ~]$ ps -eaf | grep RUN | grep -v grep
sybase    2882     1  0 15:21 ?        00:00:00 /bin/sh ./RUN_PROD_ASE_DS1
sybase    3821     1  0 15:45 ?        00:00:00 /bin/sh ./RUN_PRDO_ASE_DS2
sybase    3837     1  0 15:45 ?        00:00:00 sh -c RUN_PROD_REP1 &
[sybase@localhost ~]$

Creating Primary and Standby Databases
======================================

[sybase@localhost ~]$ isql -Usa -SPROD_ASE_DS1 -w9999
Password:
1> create database prod_db on ws_data='10M' log on ws_log='5M'
2> go
CREATE DATABASE: allocating 5120 logical pages (10.0 megabytes) on disk 'ws_data'
(5120 logical pages requested).
CREATE DATABASE: allocating 2560 logical pages (5.0 megabytes) on disk 'ws_log'
(2560 logical pages requested).
Database 'prod_db' is now online.
1> exit

[sybase@localhost ~]$ isql -Usa -SPRDO_ASE_DS2 -w9999
Password:
1> create database prod_db on ws_data2='10M' log on ws_log2='5M'
2> go
CREATE DATABASE: allocating 5120 logical pages (10.0 megabytes) on disk 'ws_data2'
(5120 logical pages requested).
CREATE DATABASE: allocating 2560 logical pages (5.0 megabytes) on disk 'ws_log2'
(2560 logical pages requested).
Database 'prod_db' is now online.


Creating Logical Connection
===========================

[sybase@localhost ~]$ isql -Usa -SPROD_REP1 -w9999
Password:
1> admin logical_status
2> go
1> create logical connection to PROD_ASE_DS1.prod_db
2> go
Logical connection to 'PROD_ASE_DS1.prod_db' is created.
1> admin logical_status
2> go
 Logical Connection Name
Active Connection Name
Active Conn State
Standby Connection Name
Standby Conn State
Controller RS
Operation in Progress
State of Operation in Progress
Spid
 ------------------------------------------------------------------------------
------------------------------------------------------------------
------------------------------------------------------------------------------
------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------
-------------------------------------
--------------------------------------------------------------------------------
-----------------------------------------------------------------
--------------------------------------------------------------------------------
-------------------------------------
--------------------------------------------------------------------------------
-------------------------------------------------------------
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
-----------------------------------------------------------------------------
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
-------------------------------------------------------------------------
----------
 [106] PROD_ASE_DS1.prod_db
None
None
None
None
[16777317] PROD_REP1
None
None
```

```
Adding connection to Primary Database
=====================================


[sybase@localhost install]$ ./rs_init
The log file for this session is '/home/sybase/REP/REP-15_0/init/logs/log0518.003'.

RS_INIT

1.  Release directory:  /home/sybase/REP

2.  Configure a Server product
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 2

CONFIGURE SERVER PRODUCTS

Products:
    Product                 Date Installed    Date Configured
1.  Replication Server                        May 18 111 16:00
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 1

CONFIGURE REPLICATION SYSTEM

1.  Install a new Replication Server
2.  Add a database to the replication system
3.  Upgrade an existing Replication Server
4.  Downgrade RSSD for an existing Replication Server
5.  Upgrade an existing database in the replication system
6.  Enable password encryption for a Replication Server
7.  Alter a Replication Server configuration file password
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 2
```

```
ADD DATABASE TO REPLICATION SYSTEM

1.  Replication Server Information                          Incomplete
2.  Database Information                                    Incomplete









Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 1

REPLICATION SERVER NAME

1.  Replication Server Name:









Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 1
Enter the name for the Replication Server:
PROD_REP1

REPLICATION SERVER NAME

1.  Replication Server Name:  PROD_REP1
```

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return:

REPLICATION SERVER INFORMATION

1. RS SA user: sa
2. RS SA password:

3. Replication Server Interfaces Information Complete

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return:
Press <return> to continue.

ADD DATABASE TO REPLICATION SYSTEM

1. Replication Server Information Complete
2. Database Information Incomplete

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return:
Are you sure you want to cancel? n

ADD DATABASE TO REPLICATION SYSTEM

1. Replication Server Information Complete
2. Database Information Incomplete

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 2

DATABASE INFORMATION

1. SQL Server name:
2. SA user: sa
3. SA password:
4. Database name:
5. Will the database be replicated: no

6. Maintenance user:
7. Maintenance password:
8. Is this a Physical Connection for Existing Logical Connection: no

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

```
Enter the number of your choice and press return: 1
Enter the name of the SQL Server:
PROD_ASE_DS1

DATABASE INFORMATION

1.  SQL Server name:  PROD_ASE_DS1
2.  SA user:  sa
3.  SA password:
4.  Database name:
5.  Will the database be replicated:  no

6.  Maintenance user:
7.  Maintenance password:
8.  Is this a Physical Connection for Existing Logical Connection: no




Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 4
Enter the name of the database:
prod_db

DATABASE INFORMATION

1.  SQL Server name:  PROD_ASE_DS1
2.  SA user:  sa
3.  SA password:
4.  Database name:  prod_db
5.  Will the database be replicated:  no

6.  Maintenance user:  prod_db_maint
7.  Maintenance password:  prod_db_maint_ps
8.  Is this a Physical Connection for Existing Logical Connection: no




Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 5

DATABASE INFORMATION
```

```
1.  SQL Server name:  PROD_ASE_DS1
2.  SA user:  sa
3.  SA password:
4.  Database name:  prod_db
5.  Will the database be replicated:  yes

6.  Maintenance user:  prod_db_maint
7.  Maintenance password:  prod_db_maint_ps
8.  Is this a Physical Connection for Existing Logical Connection: no




Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 8

DATABASE INFORMATION

1.  SQL Server name:  PROD_ASE_DS1
2.  SA user:  sa
3.  SA password:
4.  Database name:  prod_db
5.  Will the database be replicated:  yes

6.  Maintenance user:  prod_db_maint
7.  Maintenance password:  prod_db_maint_ps
8.  Is this a Physical Connection for Existing Logical Connection: yes
9.  Logical DB Setup                                          Incomplete




Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 9

LOGICAL CONNECTION INFORMATION

1.  Is this an Active Connection or Standby Connection: active
2.  Logical DS Name:
3.  Logical DB Name:
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 2
Logical DS Name:
PROD_ASE_DS1

LOGICAL CONNECTION INFORMATION

1.  Is this an Active Connection or Standby Connection: active
2.  Logical DS Name: PROD_ASE_DS1
3.  Logical DB Name:
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 3
Logical DB Name:
prod_db

LOGICAL CONNECTION INFORMATION

1.  Is this an Active Connection or Standby Connection: active
2.  Logical DS Name: PROD_ASE_DS1
3.  Logical DB Name: prod_db
```

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return:

DATABASE INFORMATION

1. SQL Server name: PROD_ASE_DS1
2. SA user: sa
3. SA password:
4. Database name: prod_db
5. Will the database be replicated: yes

6. Maintenance user: prod_db_maint
7. Maintenance password: prod_db_maint_ps
8. Is this a Physical Connection for Existing Logical Connection: yes
9. Logical DB Setup Complete

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return:

ADD DATABASE TO REPLICATION SYSTEM

1. Replication Server Information Complete
2. Database Information Complete

3. Database Replication Agent Complete

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return:
Execute the Replication Server tasks now? y

```
Running task: check the SQL Server.
Task succeeded: check the SQL Server.
Running task: verify users and their passwords.

Press <return> to continue.
Verified that 'PROD_REP1_ra' can log into Replication Server 'PROD_REP1'.

Press <return> to continue.
Verified that 'sa' can log into Replication Server 'PROD_REP1'.
Task succeeded: verify users and their passwords.
Running task: check the database.
Verified that database 'prod_db' exists.
Verified that SQL Server 'PROD_ASE_DS1' supports replication.
Added maintenance user login 'prod_db_maint' to database 'prod_db'.
Verified that maintenance user 'prod_db_maint' can log into SQL Server 'PROD_AS
E_DS1'.
Task succeeded: check the database.
Running task: configure database for primary data.
Loading script 'rs_install_primary.sql' into database 'prod_db'.
..Done
Loaded script 'rs_install_primary.sql' successfully.
Granting permissions on the lastcommit functions and rs_marker.
Granting permissions on the lastcommit functions.
SQL Server message: msg 17962, level 16, state 1

WARNING: "The replication status for 'rs_lastcommit' is already set to false. R
eplication status for 'rs_lastcommit' does not change."
Press <return> to continue.
Granted maintenance user permissions on the lastcommit functions and rs_marker.

Granted replication role to maintenance user
Task succeeded: configure database for primary data.
Running task: configure the Replication Agent.
Task succeeded: configure the Replication Agent.
Running task: set connection to the database.
Adding database 'prod_db' to the replication system.
Successfully executed 'create connection'. Database 'prod_db' is now managed by
Replication Server 'PROD_REP1'.
Task succeeded: set connection to the database.
Running task: start the Replication Agent.
Task succeeded: start the Replication Agent.

Configuration completed successfully.

Manually syncing the login:
============================

In our case both server are new so added the login, make sure everything in sync

[sybase@localhost install]$ isql -Usa -SPRDO_ASE_DS2 -w999
Password:
1> sp_addlogin 'prod_db_maint','prod_db_maint_ps','prod_db'
2> go
Password correctly set.
Account unlocked.
New login created.
(return status = 0)
1> grant role replication_role to prod_db_maint
2> go
```

```
1> use prod_db
2> go
1> sp_addalias 'prod_db_maint',dbo
2> go
Alias user added.
(return status = 0)

Marking all tables for replication in primary
=============================================

[sybase@localhost install]$ isql -Usa -SPROD_ASE_DS1 -w9999
Password:
1> use prod_db
2> go
1> sp_reptostandby prod_db, 'all'
2> go
The replication status for database 'prod_db' has been set to 'ALL'.
(return status = 0)


Adding connection to Standby Database
=====================================

[sybase@localhost install]$ ./rs_init
The log file for this session is '/home/sybase/REP/REP-15_0/init/logs/log0518.003'.

RS_INIT

1.  Release directory:  /home/sybase/REP

2.  Configure a Server product









Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 2

CONFIGURE SERVER PRODUCTS

Products:
    Product                 Date Installed    Date Configured
1.  Replication Server                        May 18 111 16:00
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 1

CONFIGURE REPLICATION SYSTEM

1.  Install a new Replication Server
2.  Add a database to the replication system
3.  Upgrade an existing Replication Server
4.  Downgrade RSSD for an existing Replication Server
5.  Upgrade an existing database in the replication system
6.  Enable password encryption for a Replication Server
7.  Alter a Replication Server configuration file password
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 2

ADD DATABASE TO REPLICATION SYSTEM

1.  Replication Server Information                          Incomplete
2.  Database Information                                    Incomplete
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 1

REPLICATION SERVER NAME

1.  Replication Server Name:
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 1
Enter the name for the Replication Server:
PROD_REP1

REPLICATION SERVER NAME

1.  Replication Server Name:  PROD_REP1
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return:
```

```
REPLICATION SERVER INFORMATION

1.  RS SA user:  sa
2.  RS SA password:

3.  Replication Server Interfaces Information                Complete




Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return:
Press <return> to continue.

ADD DATABASE TO REPLICATION SYSTEM

1.  Replication Server Information                          Complete
2.  Database Information                                  Incomplete




Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 2

DATABASE INFORMATION

1.  SQL Server name:
2.  SA user:  sa
3.  SA password:
4.  Database name:
5.  Will the database be replicated:  no
```

```
6.  Maintenance user:
7.  Maintenance password:
8.  Is this a Physical Connection for Existing Logical Connection: no




Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 1
Enter the name of the SQL Server:
PRDO_ASE_DS2

DATABASE INFORMATION

1.  SQL Server name:  PRDO_ASE_DS2
2.  SA user:  sa
3.  SA password:
4.  Database name:
5.  Will the database be replicated:  no

6.  Maintenance user:
7.  Maintenance password:
8.  Is this a Physical Connection for Existing Logical Connection: no




Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 4
Enter the name of the database:
prod_db

DATABASE INFORMATION

1.  SQL Server name:  PRDO_ASE_DS2
2.  SA user:  sa
3.  SA password:
4.  Database name:  prod_db
5.  Will the database be replicated:  no

6.  Maintenance user:  prod_db_maint
7.  Maintenance password:  prod_db_maint_ps
8.  Is this a Physical Connection for Existing Logical Connection: no
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 5

DATABASE INFORMATION

1.  SQL Server name:  PRDO_ASE_DS2
2.  SA user:  sa
3.  SA password:
4.  Database name:  prod_db
5.  Will the database be replicated:  yes

6.  Maintenance user:  prod_db_maint
7.  Maintenance password:  prod_db_maint_ps
8.  Is this a Physical Connection for Existing Logical Connection: no
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 8

DATABASE INFORMATION

1.  SQL Server name:  PRDO_ASE_DS2
2.  SA user:  sa
3.  SA password:
4.  Database name:  prod_db
5.  Will the database be replicated:  yes

6.  Maintenance user:  prod_db_maint
7.  Maintenance password:  prod_db_maint_ps
8.  Is this a Physical Connection for Existing Logical Connection: yes
9.  Logical DB Setup                                          Incomplete
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 9

LOGICAL CONNECTION INFORMATION

1.  Is this an Active Connection or Standby Connection: active
2.  Logical DS Name:
3.  Logical DB Name:
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 1
Is this an Active Connection or Standby Connection:
standby

LOGICAL CONNECTION INFORMATION

1.  Is this an Active Connection or Standby Connection: standby
2.  Logical DS Name:
3.  Logical DB Name:
4.  Active DS name :
5.  Active DB name :
6.  Active DB sa user : sa
7.  Active DB sa password :
8.  Initialize standby using dump and load : yes
9.  Use Dump Marker to Start Replicating to Standby: no
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 2
Logical DS Name:
PROD_ASE_DS1

LOGICAL CONNECTION INFORMATION
```

```
1.  Is this an Active Connection or Standby Connection: standby
2.  Logical DS Name: PROD_ASE_DS1
3.  Logical DB Name:
4.  Active DS name :
5.  Active DB name :
6.  Active DB sa user : sa
7.  Active DB sa password :
8.  Initialize standby using dump and load : yes
9.  Use Dump Marker to Start Replicating to Standby: no
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 3
Logical DB Name:
prod_db

LOGICAL CONNECTION INFORMATION

1.  Is this an Active Connection or Standby Connection: standby
2.  Logical DS Name: PROD_ASE_DS1
3.  Logical DB Name: prod_db
4.  Active DS name :
5.  Active DB name :
6.  Active DB sa user : sa
7.  Active DB sa password :
8.  Initialize standby using dump and load : yes
9.  Use Dump Marker to Start Replicating to Standby: no
```

```
Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 4
Active DS name :
PROD_ASE_DS1

LOGICAL CONNECTION INFORMATION

1.  Is this an Active Connection or Standby Connection: standby
2.  Logical DS Name: PROD_ASE_DS1
3.  Logical DB Name: prod_db
4.  Active DS name : PROD_ASE_DS1
```

5. Active DB name :
6. Active DB sa user : sa
7. Active DB sa password :
8. Initialize standby using dump and load : yes
9. Use Dump Marker to Start Replicating to Standby: no

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 5
Active DB name :
prod_db

LOGICAL CONNECTION INFORMATION

1. Is this an Active Connection or Standby Connection: standby
2. Logical DS Name: PROD_ASE_DS1
3. Logical DB Name: prod_db
4. Active DS name : PROD_ASE_DS1
5. Active DB name : prod_db
6. Active DB sa user : sa
7. Active DB sa password :
8. Initialize standby using dump and load : yes
9. Use Dump Marker to Start Replicating to Standby: no

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return: 9

LOGICAL CONNECTION INFORMATION

1. Is this an Active Connection or Standby Connection: standby
2. Logical DS Name: PROD_ASE_DS1
3. Logical DB Name: prod_db
4. Active DS name : PROD_ASE_DS1
5. Active DB name : prod_db
6. Active DB sa user : sa
7. Active DB sa password :
8. Initialize standby using dump and load : yes
9. Use Dump Marker to Start Replicating to Standby: yes

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return:

DATABASE INFORMATION

1. SQL Server name: PRDO_ASE_DS2
2. SA user: sa
3. SA password:
4. Database name: prod_db
5. Will the database be replicated: yes

6. Maintenance user: prod_db_maint
7. Maintenance password: prod_db_maint_ps
8. Is this a Physical Connection for Existing Logical Connection: yes
9. Logical DB Setup Complete

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

Enter the number of your choice and press return:

ADD DATABASE TO REPLICATION SYSTEM

1. Replication Server Information Complete
2. Database Information Complete

3. Database Replication Agent Complete

Ctrl-a Accept and Continue, Ctrl-x Exit Screen, ? Help.

```
Enter the number of your choice and press return:
Execute the Replication Server tasks now? y
Running task: check the SQL Server.
Task succeeded: check the SQL Server.
Running task: verify users and their passwords.
Press <return> to continue.
Verified that 'PROD_REP1_ra' can log into Replication Server 'PROD_REP1'.

Press <return> to continue.
Verified that 'sa' can log into Replication Server 'PROD_REP1'.
Task succeeded: verify users and their passwords.
Running task: check the database.
Verified that database 'prod_db' exists.
Verified that SQL Server 'PROD_ASE_DS1' supports replication.
Verified that the maintenance user 'prod_db_maint' is defined in database 'prod
_db'.
Verified that maintenance user 'prod_db_maint' can log into SQL Server 'PROD_AS
E_DS1'.
Verified that maintenance user 'prod_db_maint' can log into SQL Server 'PRDO_AS
E_DS2'.
Task succeeded: check the database.
Running task: configure database for primary data.
Granted maintenance user permissions on the lastcommit functions and rs_marker.

WARNING: Please verify that suids in the syslogins table of the Standby SQL ser
ver correspond to syslogins of the Active SQL Server
Granted replication role to maintenance user
Task succeeded: configure database for primary data.
Running task: configure the Replication Agent.
Task succeeded: configure the Replication Agent.
Running task: set connection to the database.
Adding database 'prod_db' to the replication system.
SQL Server message: msg 17962, level 16, state 1

WARNING: "The replication status for 'rs_lastcommit' is already set to false. R
eplication status for 'rs_lastcommit' does not change."
Press <return> to continue.
SQL Server message: msg 17962, level 16, state 1

WARNING: "The replication status for 'rs_update_lastcommit' is already set to t
rue. Replication status for 'rs_update_lastcommit' does not change."
Press <return> to continue.
Successfully executed 'create connection'. Database 'prod_db' is now managed by
Replication Server 'PROD_REP1'.
Task succeeded: set connection to the database.
Running task: start the Replication Agent.
Task succeeded: start the Replication Agent.

Configuration completed successfully.


Taking Dump on Primary DB
==============================

[sybase@localhost install]$ isql -Usa -SPROD_ASE_DS1 -w9999
Password:
1> dump database prod_db on '/tmp/prod_db.dmp'
2> go
```

```
Msg 156, Level 15, State 2:
Server 'PROD_ASE_DS1', Line 1:
Incorrect syntax near the keyword 'on'.
1>  dump database prod_db to '/tmp/prod_db.dmp'
2> go
Backup Server session id is: 5. Use this value when executing the 'sp_volchanged'
system stored procedure after fulfilling any volume change request from the Backup
Server.
Backup Server: 4.41.1.1: Creating new disk file /tmp/prod_db.dmp.
Backup Server: 6.28.1.1: Dumpfile name 'prod_db111380E382' section number 1 mounted
on disk file '/tmp/prod_db.dmp'
Backup Server: 4.188.1.1: Database prod_db: 1370 kilobytes (22%) DUMPed.
Backup Server: 4.188.1.1: Database prod_db: 1494 kilobytes (100%) DUMPed.
Backup Server: 3.43.1.1: Dump phase number 1 completed.
Backup Server: 3.43.1.1: Dump phase number 2 completed.
Backup Server: 4.188.1.1: Database prod_db: 1504 kilobytes (100%) DUMPed.
Backup Server: 3.43.1.1: Dump phase number 3 completed.
Backup Server: 4.188.1.1: Database prod_db: 1508 kilobytes (100%) DUMPed.
Backup Server: 3.42.1.1: DUMP is complete (database prod_db).
1> exit

Loading DB on standby database
==============================

[sybase@localhost install]$ isql -Usa -SPRDO_ASE_DS2 -w9999
Password:
1> load database prod_db from '/tmp/prod_db.dmp'
2> go
Backup Server session id is: 9. Use this value when executing the 'sp_volchanged'
system stored procedure after fulfilling any volume change request from the Backup
Server.
Backup Server: 6.28.1.1: Dumpfile name 'prod_db111380E382' section number 1 mounted
on disk file '/tmp/prod_db.dmp'
Backup Server: 4.188.1.1: Database prod_db: 3352 kilobytes (21%) LOADed.
Backup Server: 4.188.1.1: Database prod_db: 15366 kilobytes (100%) LOADed.
Backup Server: 4.188.1.1: Database prod_db: 15380 kilobytes (100%) LOADed.
Backup Server: 3.42.1.1: LOAD is complete (database prod_db).
Started estimating recovery log boundaries for database 'prod_db'.
Database 'prod_db', checkpoint=(5285, 9), first=(5285, 9), last=(5288, 5).
Completed estimating recovery log boundaries for database 'prod_db'.
Started ANALYSIS pass for database 'prod_db'.
Completed ANALYSIS pass for database 'prod_db'.
Started REDO pass for database 'prod_db'. The total number of log records to
process is 30.
Redo pass of recovery has processed 2 committed and 0 aborted transactions.
Completed REDO pass for database 'prod_db'.
Use the ONLINE DATABASE command to bring this database online; ASE will not bring
it online automatically.
1> online database prod_db
2> go
Started estimating recovery log boundaries for database 'prod_db'.
Database 'prod_db', checkpoint=(5285, 9), first=(5285, 9), last=(5288, 5).
Completed estimating recovery log boundaries for database 'prod_db'.
Started ANALYSIS pass for database 'prod_db'.
Completed ANALYSIS pass for database 'prod_db'.
Recovery of database 'prod_db' will undo incomplete nested top actions.
Database 'prod_db' is now online.

Resumeing the connection to standby
```

```
=====================================

[sybase@localhost install]$ isql -Usa -SPROD_REP1 -w9999
Password:
1> admin who_is_down
2> go
 Spid     Name                 State                                    Info

 -------- -------------------- ---------------------------------------
--------------------------------------------------------------------------------
          DSI EXEC             Suspended                                108(1)
PRDO_ASE_DS2.prod_db
          DSI                  Suspended                                108
PRDO_ASE_DS2.prod_db
1> resume connection to PRDO_ASE_DS2.prod_db
2> go
Connection to 'PRDO_ASE_DS2.prod_db' is resumed.
1> admin who_is_down
2> go
 Spid     Name                 State                                    Info

 -------- -------------------- ---------------------------------------
--------------------------------------------------------------------------------
1> exit



Testing :
=========

[sybase@localhost install]$ isql -Usa -SPROD_ASE_DS1 -w9999
Password:
1> create table a (col int)
2> go
1> insert into a values(10)
2> go 5
(1 row affected)
5 xacts:
1> exit

[sybase@localhost install]$ isql -Usa -SPRDO_ASE_DS2 -w9999
Password:
1> use prod_db
2> go
1> select * from a
2> go
 col
 -----------
          10
          10
          10
          10
          10

(5 rows affected)
```