

ORACLE®

DATA GUARD

RESTORE

[RESTORE] PIPELINE

PRIMARY
DB



PRIMARY
PFILE



PRIMARY
TNSNAMES.ORA



PRIMARY
LISTENER.ORA



STANDBY
PFILE



STANDBY
TNSNAMES.ORA



STANDBY
LISTENER.ORA



create
standby
instance



PRIMARY
DB



PRIMARY
PFILE



PRIMARY
TNSNAMES.ORA



PRIMARY
LISTENER.ORA



STANDBY
PFILE

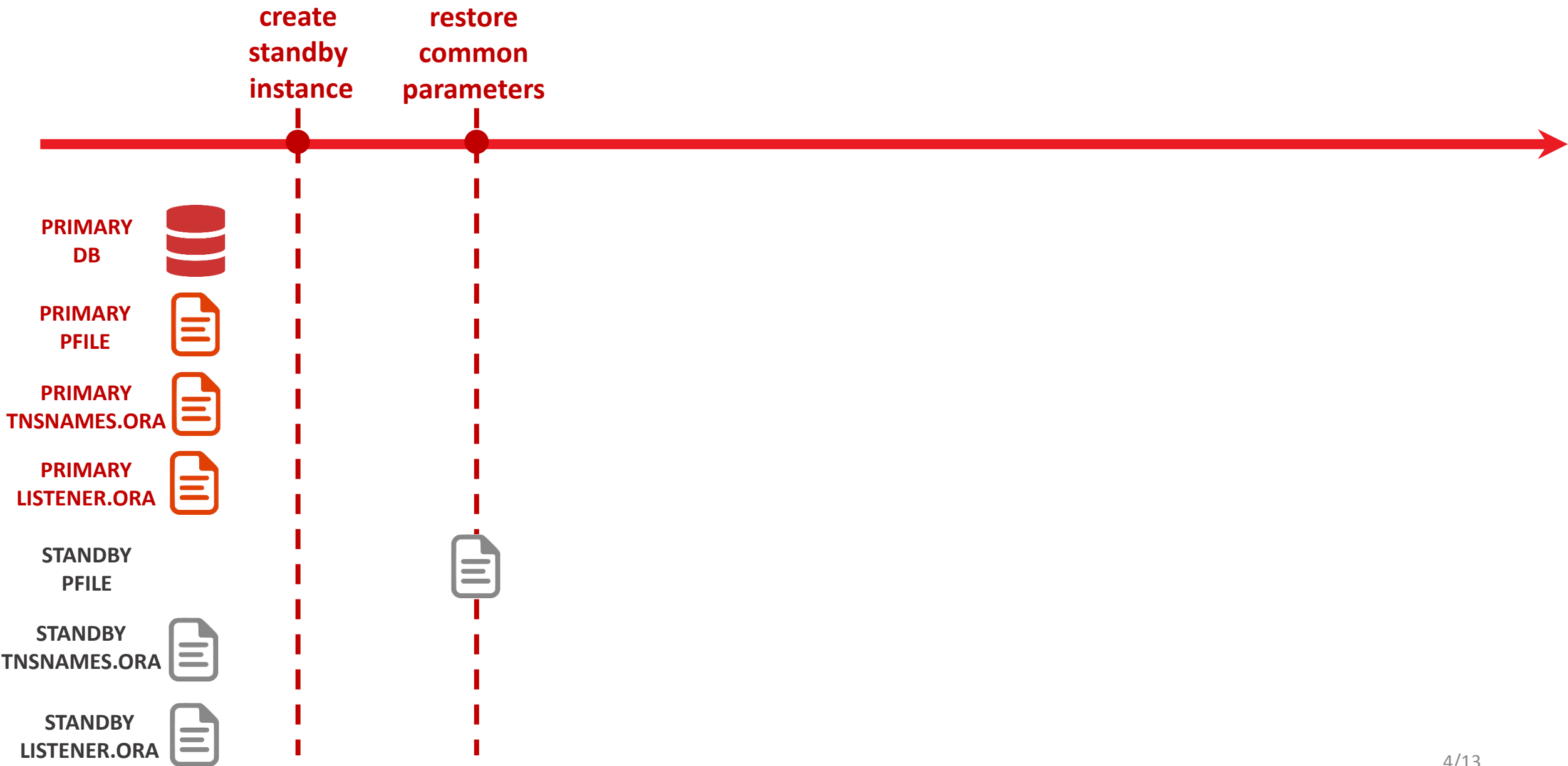


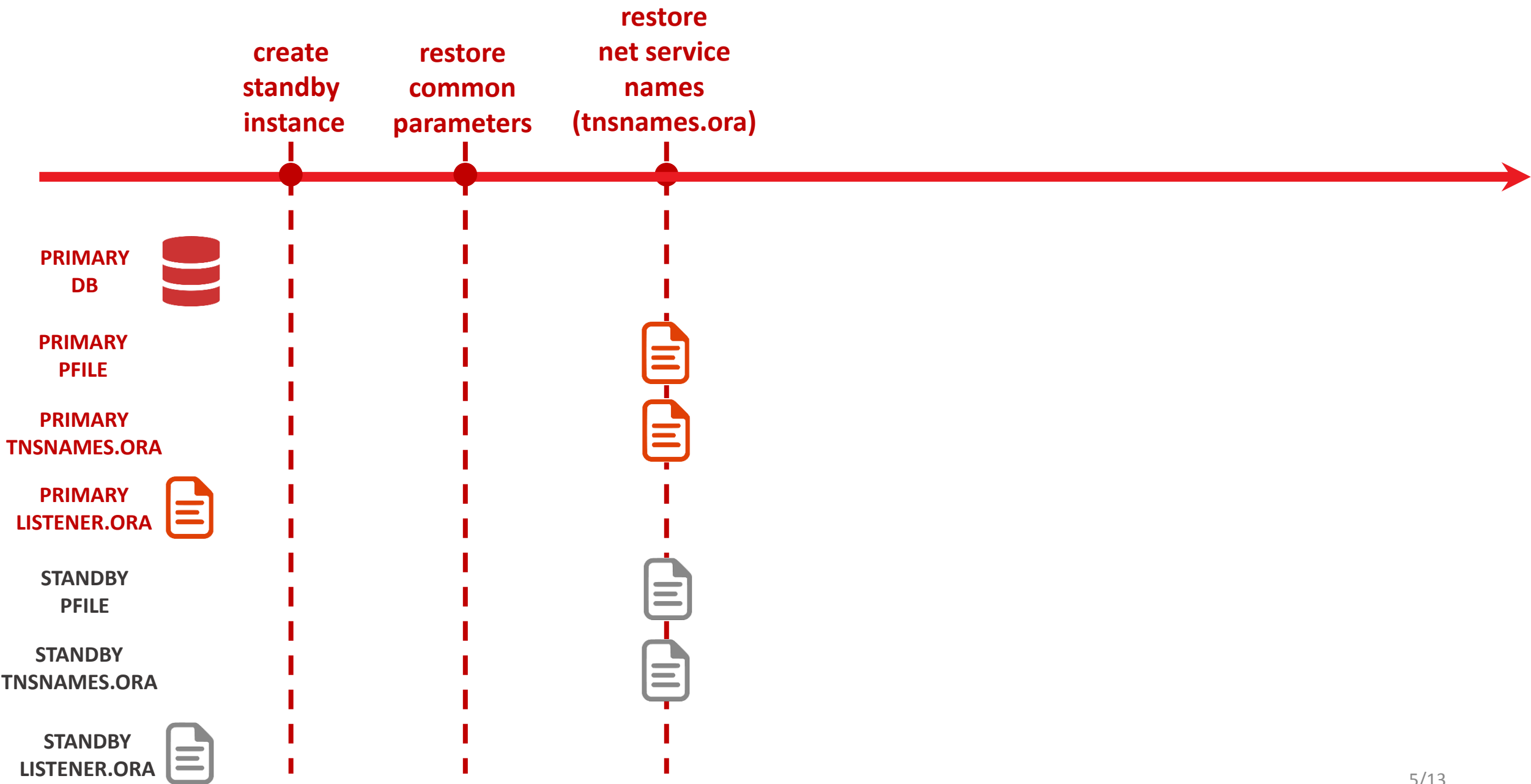
STANDBY
TNSNAMES.ORA

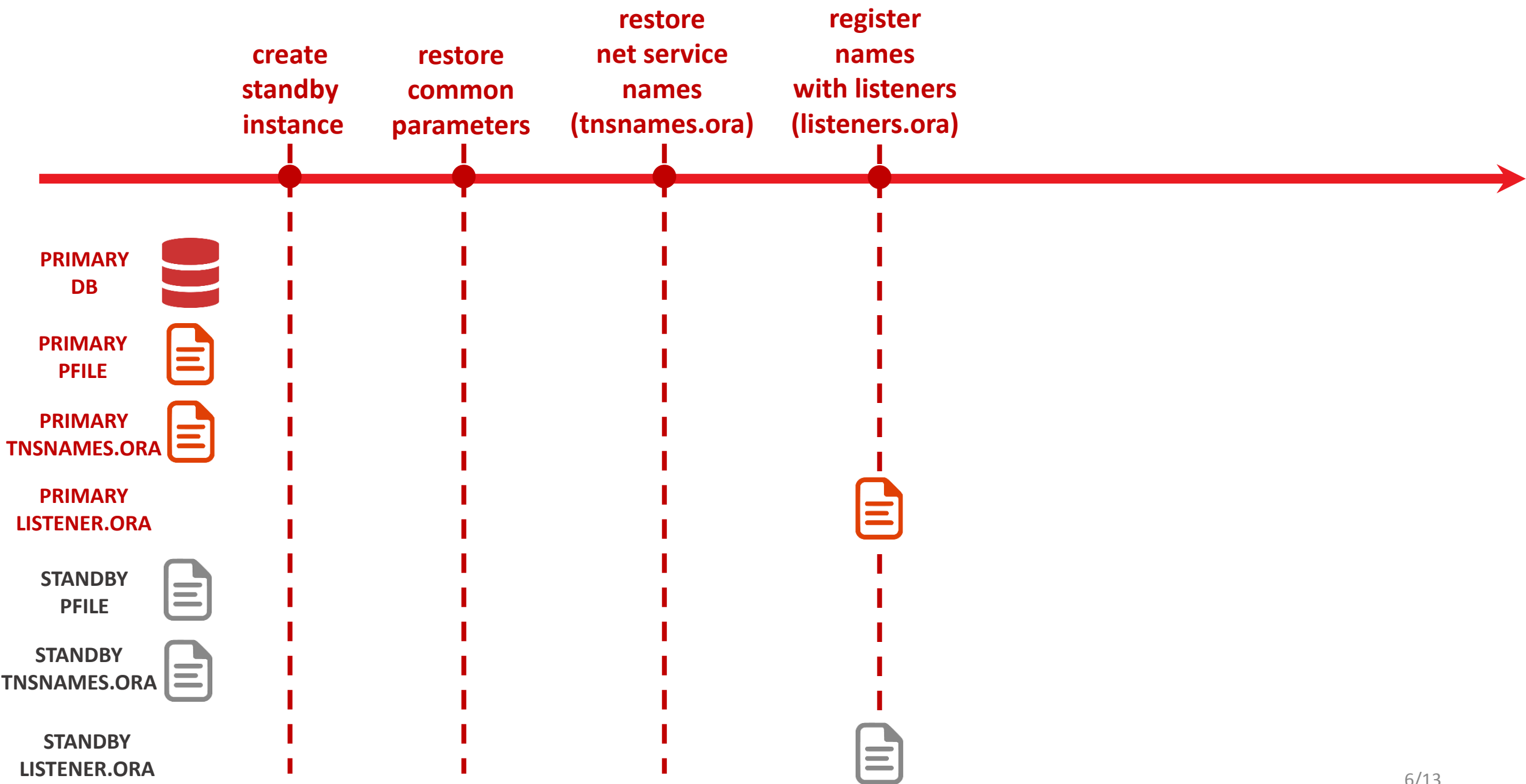


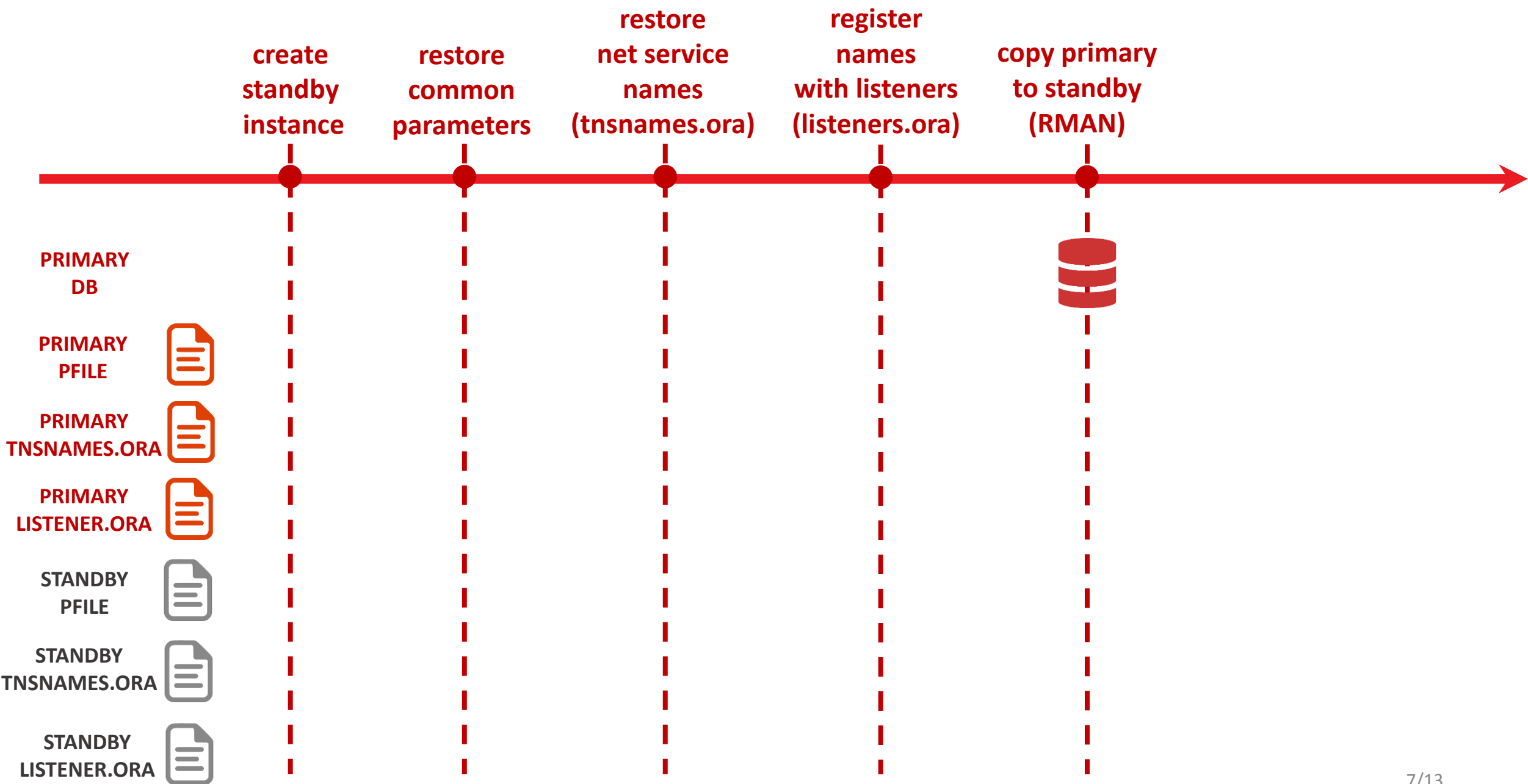
STANDBY
LISTENER.ORA

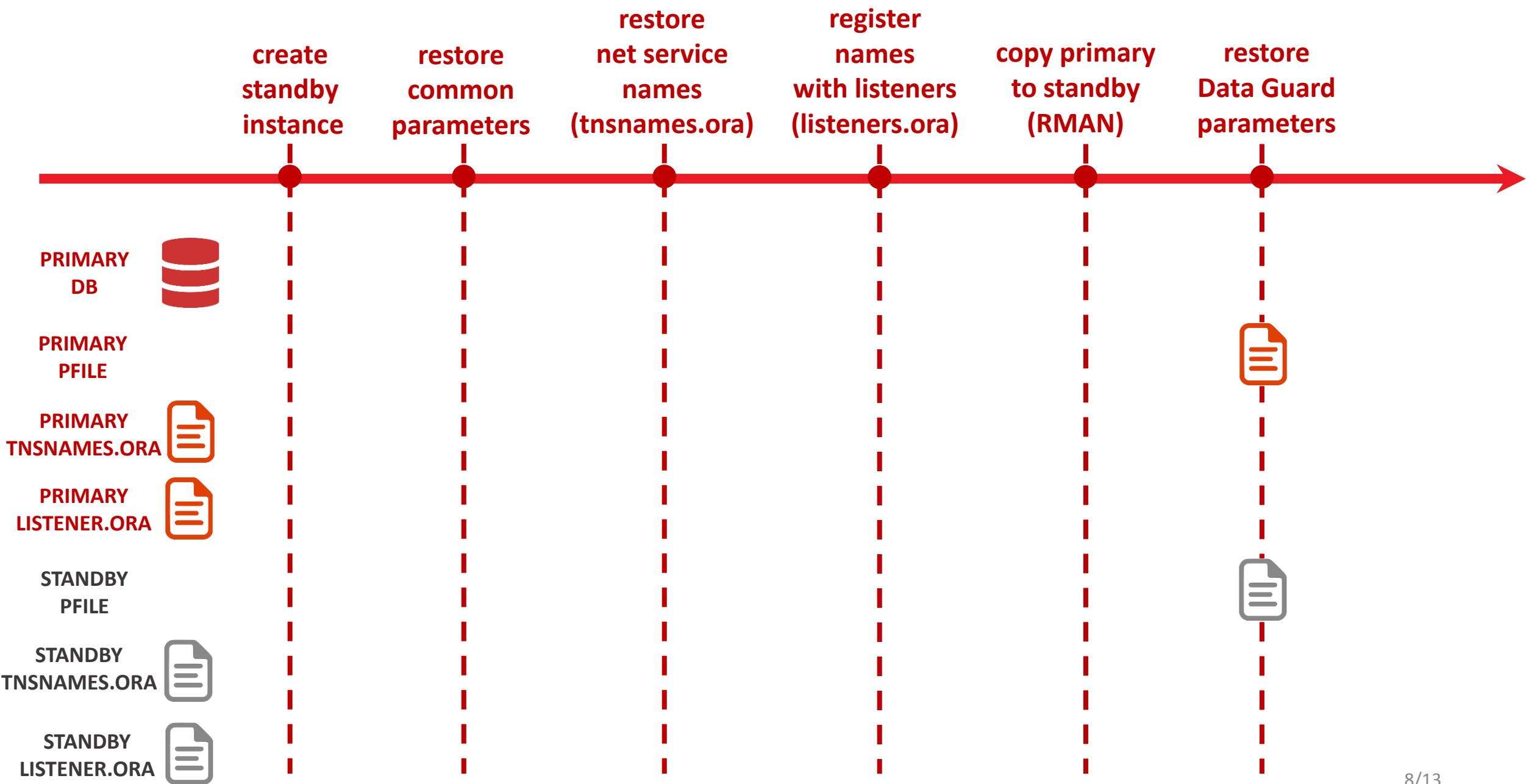


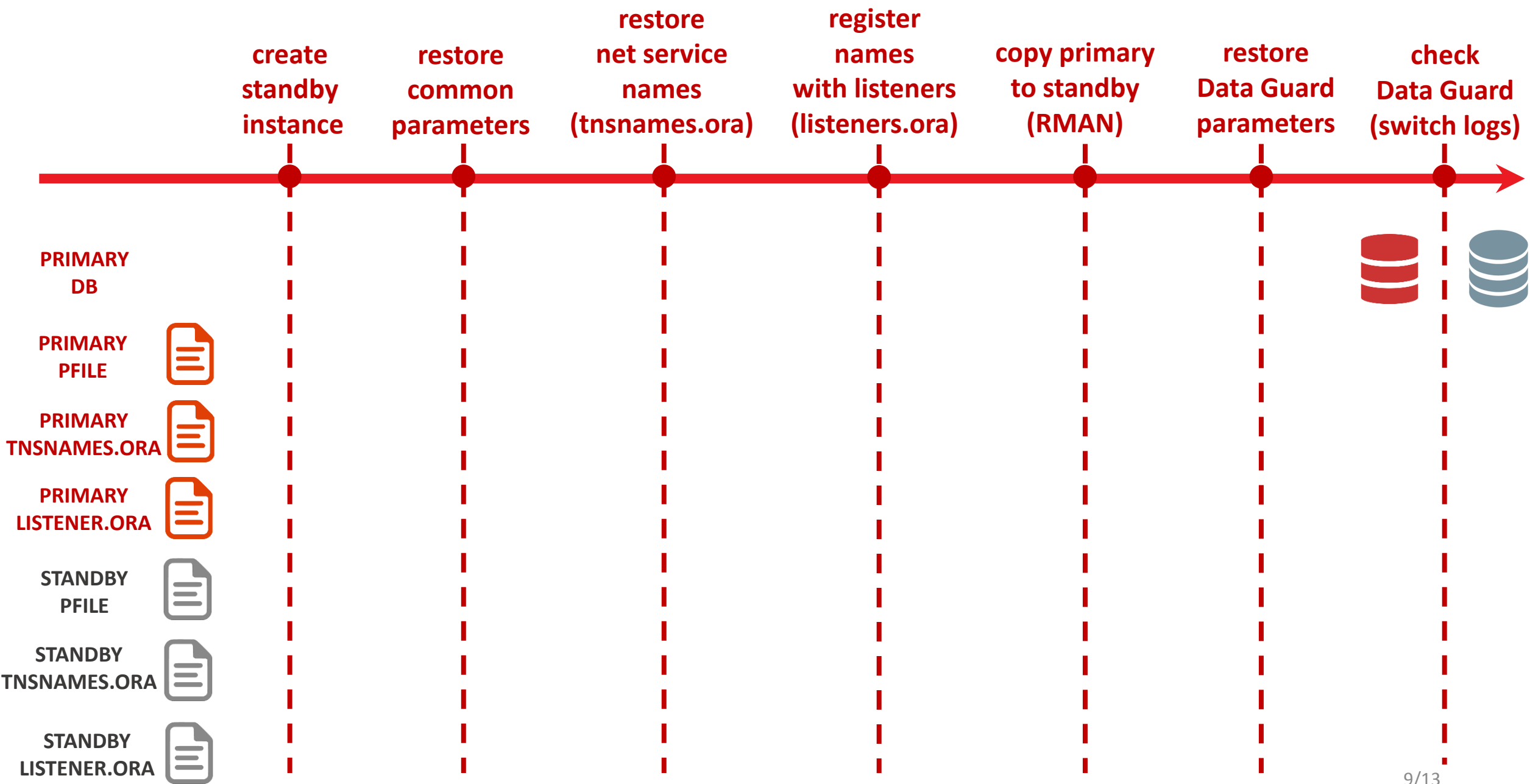












[PFILE] Data Guard Parameters

DB_NAME=... *# same for all DB in ODG*
DB_UNIQUE_NAME=... *# unique for all DB in ODG*
INSTANCE_NAME=...
SERVICE_NAMES=... *# related to listener.ora and tnsnames.ora*

FAL_SERVER= *PrimaryNetServiceName*
FAL_CLIENT= *Me*

LOG_ARCHIVE_DEST_*n* = *'SERVICE=NetServiceName ... DB_UNIQUE_NAME=standbyDB'*
LOG_ARCHIVE_DEST_STATE= *'ENABLE | DEFER'*
STANDBY_ARCHIVE_DEST=...
DB_FILE_NAME_CONVERT= *primaryFile, standbyFile, primaryFile, standbyFile*
LOG_FILE_NAME_CONVERT= *primaryFile, standbyFile, primaryFile, standbyFile*

https://docs.oracle.com/cd/B19306_01/server.102/b14239/init_params.htm#g1005251

[Resources]

[Scripts]

`$/ExchangeExplorer/Autotests/OracleDataGuard`

[Docs]

`$/ExchangeExplorer/Autotests/OracleDataGuard/docs`

[Oracle 11g]

https://docs.oracle.com/cd/E11882_01/server.112/e41134/toc.htm

[Oracle 12c]

<https://docs.oracle.com/database/121/SBYDB/toc.htm>

[OraCLI]: Oracle Command Line Interface

```
oracli create-data-guard -dg my-data-guard-name-from-config
```

```
oracli backup-data-guard -dg my-data-guard-name-from-config
```

[Windows Only]

```
oracli install-oracle-soft
```

[Docs]

`$/ExchangeExplorer/Autotests/OracleDataGuard/docs/oracle.html`

Q&A