

**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

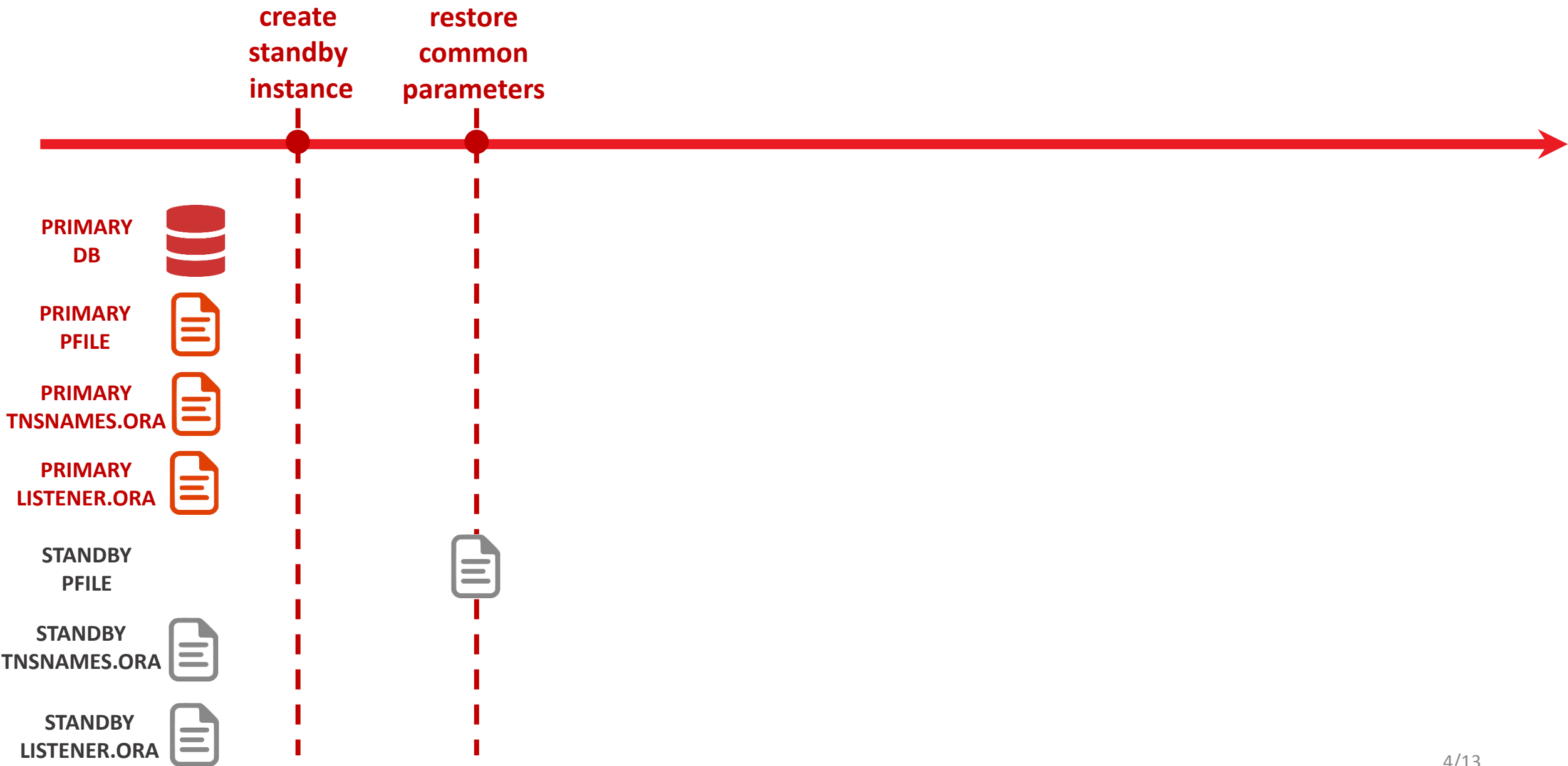


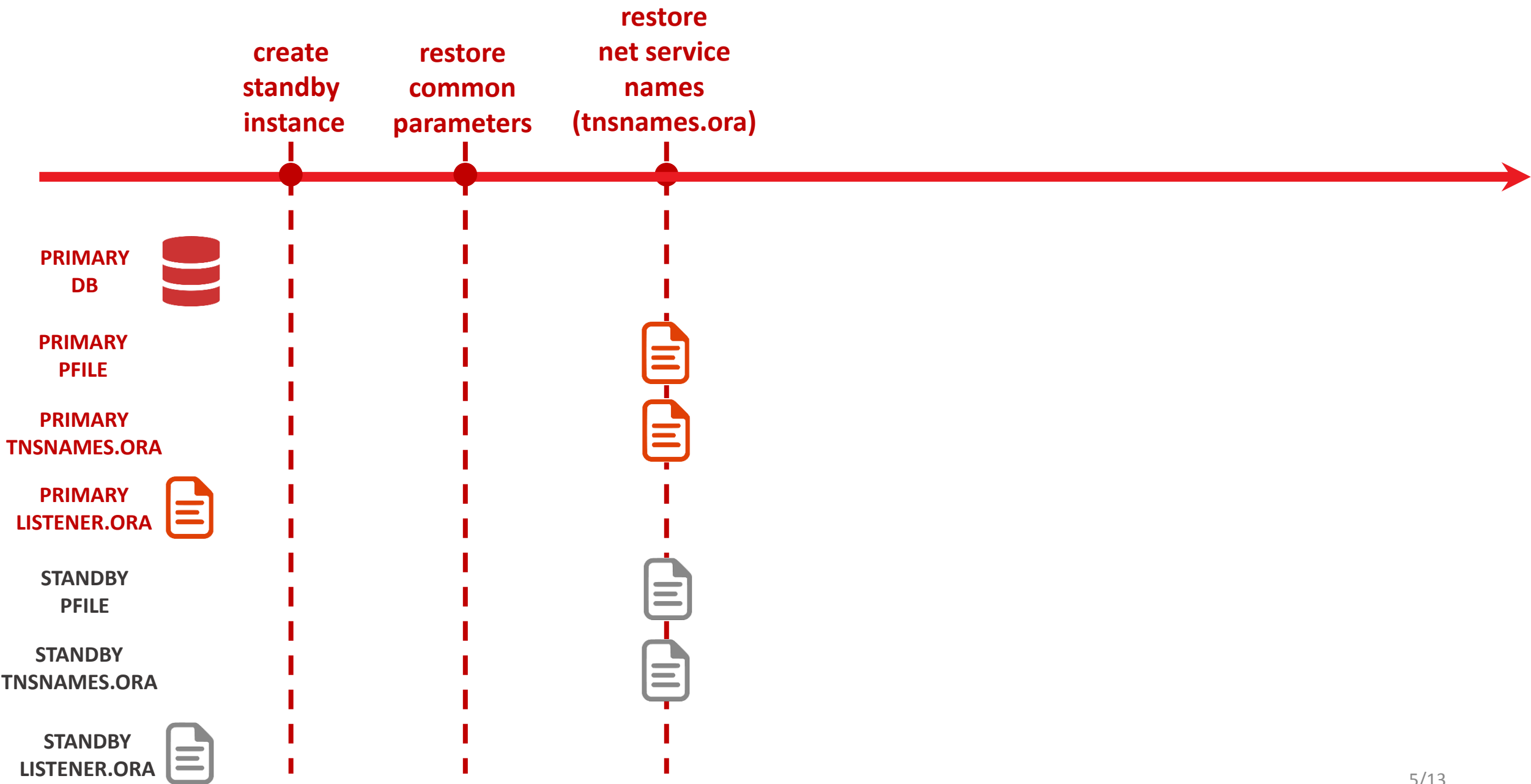
STANDBY  
TNSNAMES.ORA

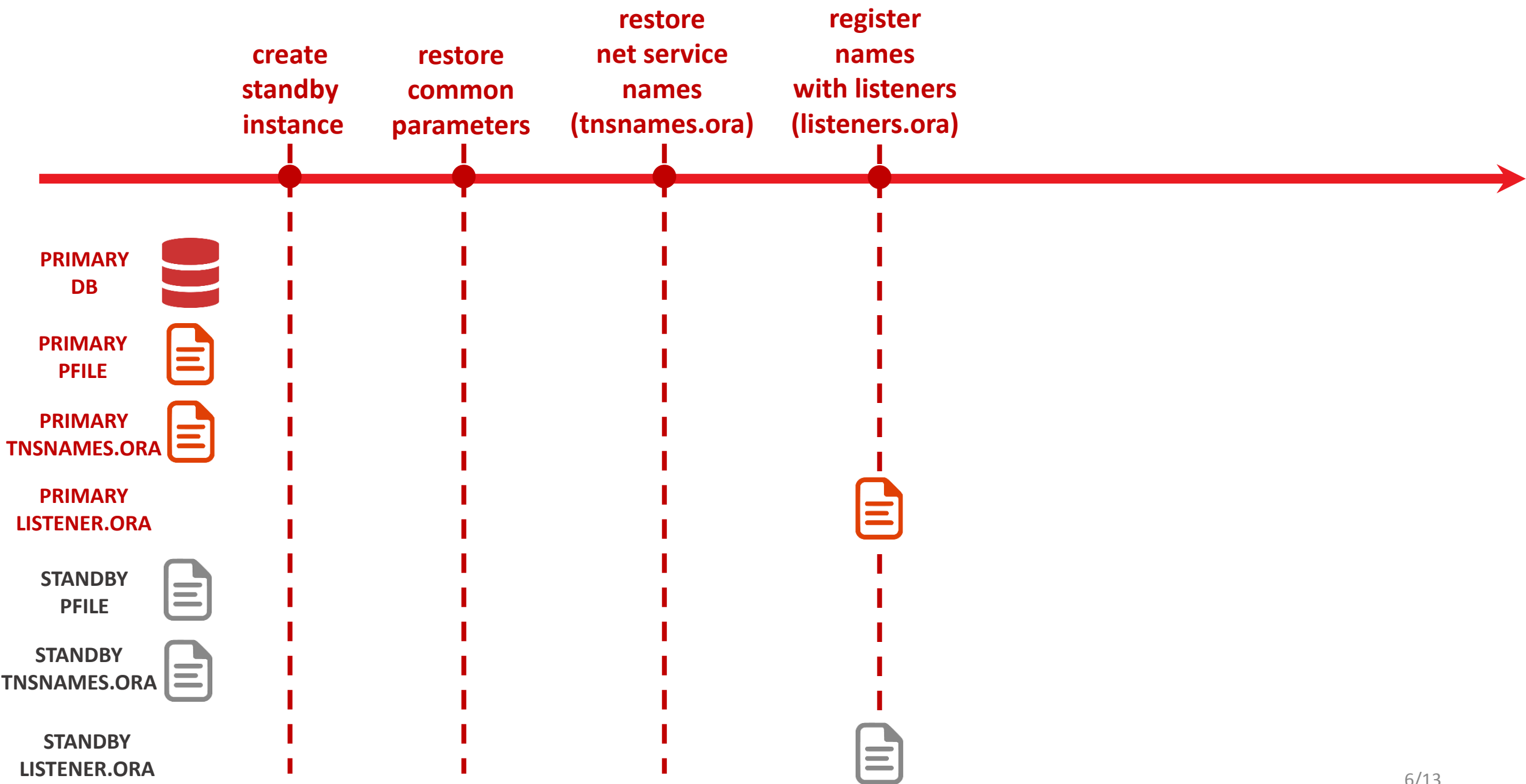


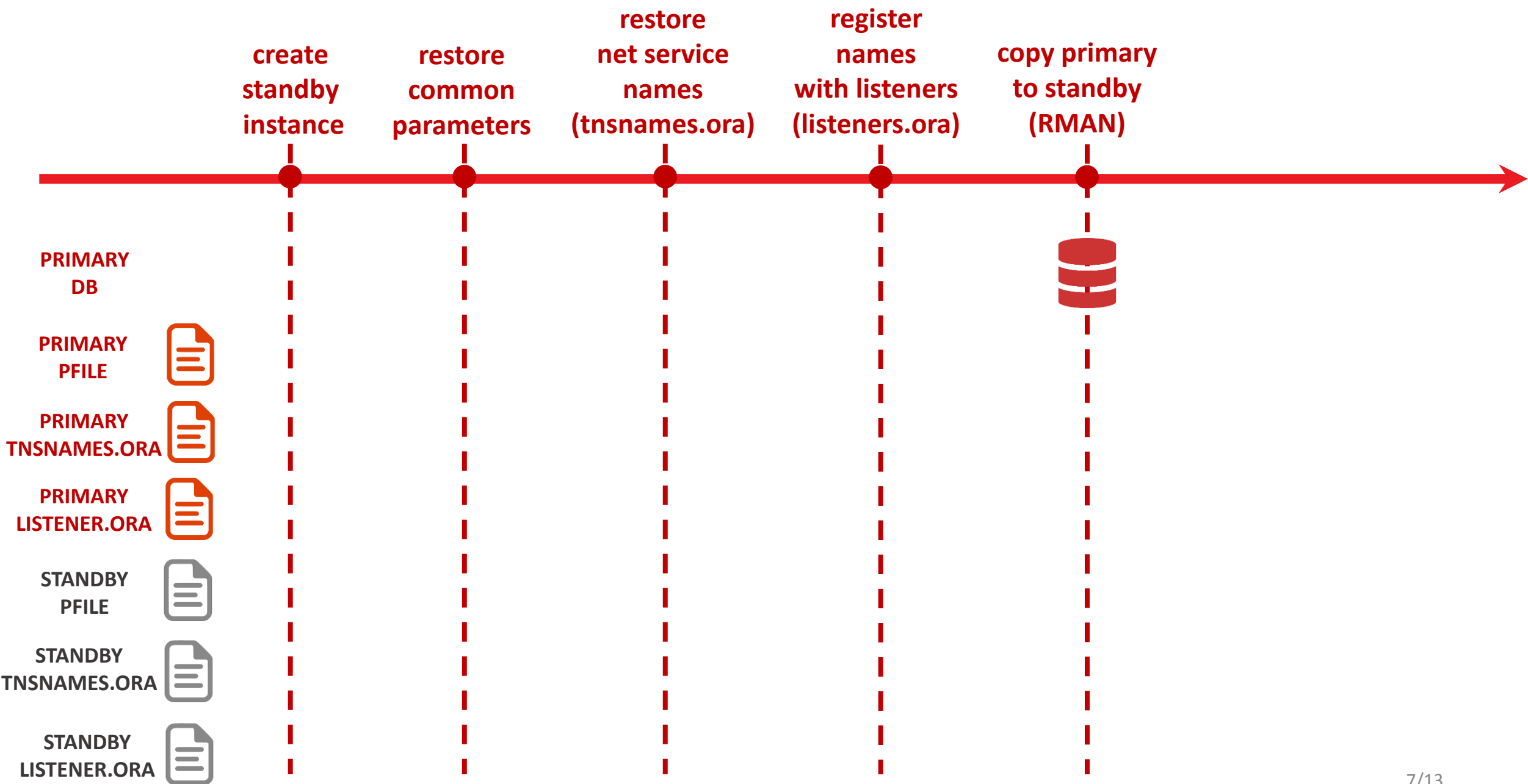
STANDBY  
LISTENER.ORA

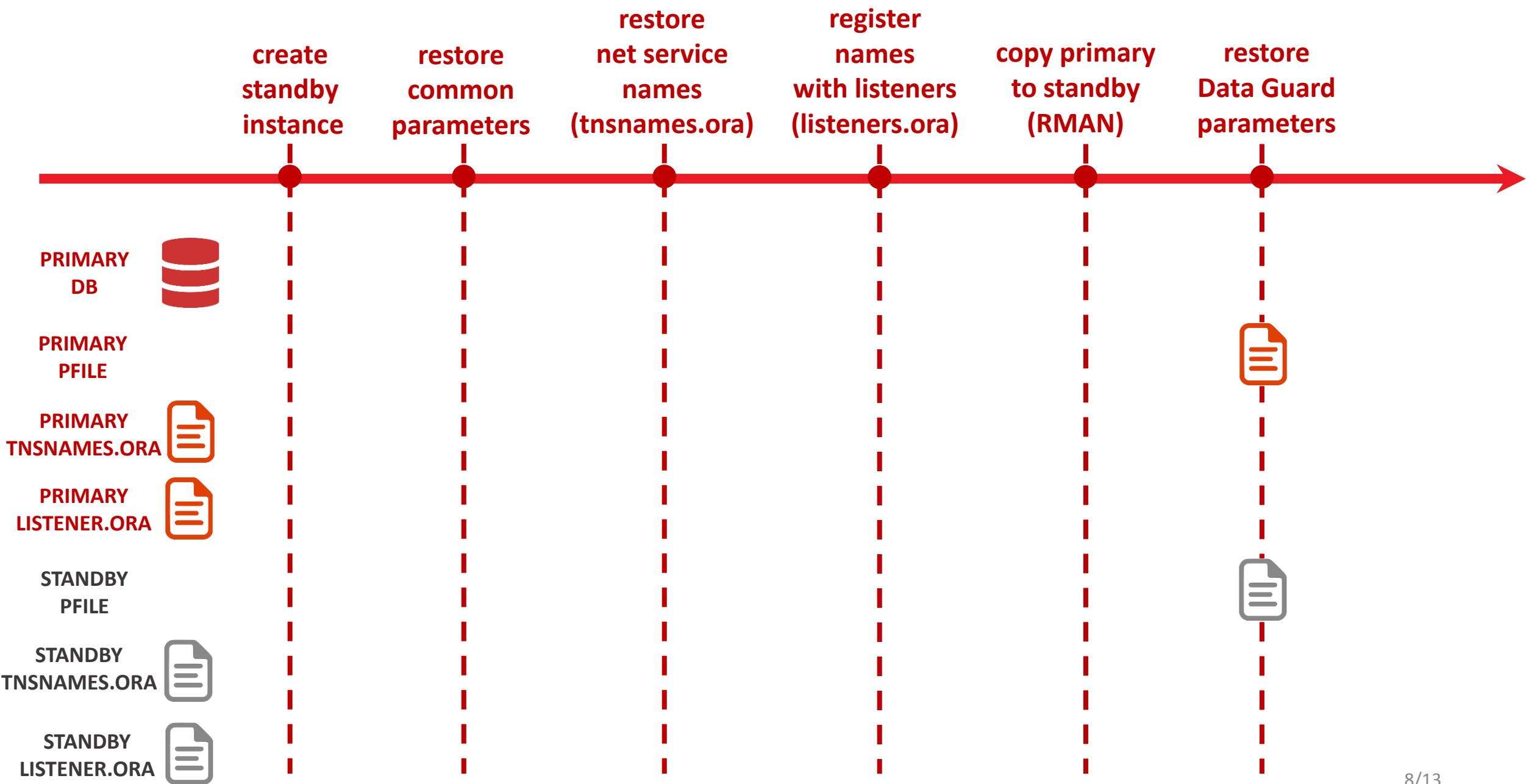




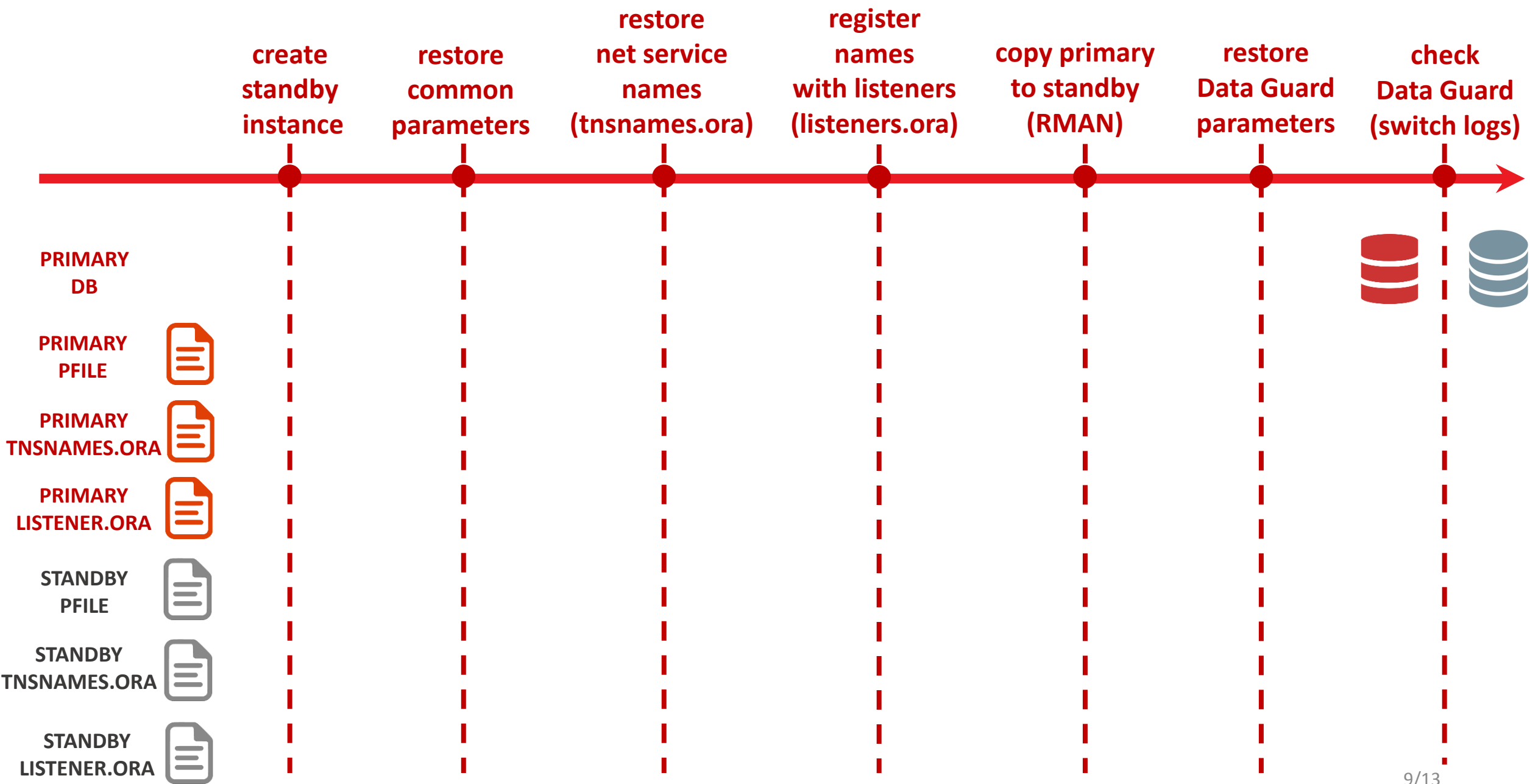












# [PFILE] Data Guard Parameters

**LOG\_ARCHIVE\_CONFIG**=*'DG\_CONFIG=(prim, snby1, snby2, snby3...)'*

**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*

# [Resources]

## [Scripts]

`$/ExchangeExplorer/Autotests/OracleDataGuard`

## [Docs]

`$/ExchangeExplorer/Autotests/OracleDataGuard/docs`

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## [Oracle 11g]

[https://docs.oracle.com/cd/E11882\\_01/server.112/e41134/toc.htm](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