

## **GG Installation and parameters Guide**

C:\Goldengate>**ggsci**

Oracle GoldenGate Command Interpreter for ODBC  
Version 11.1.1.0.0 Build 078  
Windows (optimized), Microsoft SQL Server on Jul 28 2010  
18:55:52

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GGSCI (MSSQL) 1>

Next execute the command CREATE SUBDIRS to create the Oracle GoldenGate working directories.

GGSCI (MSSQL) 1> **CREATE SUBDIRS**

C:\Goldengate>**INSTALL ADDSERVICE**

Service 'GGSMGR' created.  
Install program terminated normally.

### Parameters for Source (oracle)

GGSCI > edit param MGR

```
port 7809
lagreportminutes 5
laginfominutes 1
lagcriticalminutes 2
purgeoldextracts /u01/app/goldengate/dirdat/lt*, minkeepdays 2,
usecheckpoints
AUTOSTART er *
AUTORESTART er *
```

GGSCI > edit param ORAEXT

```
EXTRACT oraext
USERID OGG, PASSWORD OGG
reportcount every 15 minutes, rate
EXTTRAIL /u01/app/goldengate/dirdat/lt
NOCOMPRESSUPDATES
NOCOMPRESSDELETES
--Table list to extract
include /u01/app/goldengate/catalogtable/listtableext
```

### Register extract to manager:

```
GGSCI > add extract oraext, tranlog, begin now
(RAC Option) add extract oraext, tranlog, THREADS 2, begin now
GGSCI > add exttrail /u01/app/goldengate/dirdat/lt, extract oraext,
megabytes 100
```

```
GGSCI > edit param ORADPUMP
```

```
EXTRACT oradpump  
PASSTHRU  
RMTHOST 10.1.1.35, MGRPORT 7809  
RMTRAIL E:\goldengate\dirdat\rt  
TABLE EXPLOIT.*;
```

### Register extract to manager:

```
GGSCI > add extract oradpump , extrailsources  
/u01/app/goldengate/dirdat/lt, begin now
```

```
GGSCI > add rmttrail E:\goldengate\dirdat\rt, extract oradpump,  
megabytes 100
```

### Delete extract:

```
GGSCI > delete extract oraext
```

```
GGSCI > delete extract oradpump
```

### Start extract:

```
GGSCI > start extract oraext
```

```
GGSCI > start extract oradpump
```

### Parameters for Target (SQL Server 2008)

```
GGSCI > edit param ./GLOBALS
```

```
MGRSERVNAME MGRSQLSERVER
```

```
GGSCI > edit param MGR
```

```
port 7809  
lagreportminutes 1  
laginfominutes 1  
lagcriticalminutes 1  
purgeoldextracts E:\goldengate\dir\dat\rt*, minkeepdays 2,  
usecheckpoints  
AUTOSTART er *  
AUTORESTART er *
```

```
GGSCI > edit param SQLREP
```

```
REPLICAT sqlrep  
sourcedb ggsqlds, userid sa, password Sada123  
discardfile E:\goldengate\dir\out\sqlrep.dsc, append, megabytes 2147  
reportcount every 5 minutes, rate  
SOURCEDEFS C:\GoldenGate\dir\def\exploit.def  
INSERTMISSINGUPDATES  
batchsql  
REPEROR (DEFAULT,DISCARD)  
include E:\Goldengate\catalog\table\list\tablemap\excluderep  
MAP exploit.*, TARGET exploit.*;
```

## Register replicat to manager:

```
GGSCI > > add replicat sqlrep, exttrail E:\goldengate\lirdat\rt,  
NODBCHECKPOINT
```

## Repositioning an replicat:

- **Alter processus:**

```
GGSCI > alter replicat sqlrep, EXTSEQNO 0, EXTRBA 0
```

### For init load

#### On source, create prm file:

```
EXTRACT fullext  
userid OGG, password OGG  
RMTHOST 10.1.1.35, MGRPORT 7809  
RMTHOST E:\goldengate\dirout\fe, maxfiles 100, megabytes 2000, purge  
include /u01/app/goldengate/catalogtable/listtableext
```

#### Register extract to manager:

```
GGSCI > add extract fullext, sourceistable
```

```
GGSCI > start fullext
```

#### On target, create prm file:

```
REPLICAT fullrep  
sourcedb ggsqlds, userid exploit, password exploit  
discardfile E:\goldengate\dirout\fullrep.dsc, append, megabytes 2147  
SOURCEDEFS E:\GoldenGate\dirdef\exploit.def  
reportcount every 10 seconds, rate  
include E:\Goldengate\catalogtable\listtablemapexcluderep  
MAP exploit.*, TARGET exploit.*;
```

#### Register replicat to manager:

```
GGSCI > add replicat fullrep, extfile E:\goldengate\dirout\fe,  
nodbcheckpoint
```

## Repositioning an replicat:

- **Stop replicat processus :**

```
GGSCI > stop fullrep
```

- **Alter processus:**

```
GGSCI > alter replicat fullrep, EXTSEQNO 0, EXTRBA 0
```

- **And restart:**

```
GGSCI > start fullrep
```