|  |  |
| --- | --- |
| **General Information** | |
| Library Note | |  | | --- | | **Which has the higher priority in your organization: Deploying a new database or securing the ones you already have? Looking for a website, and resources, dedicated solely to securing Oracle databases?**[**Check out DBSecWorx**](https://www.dbsecworx.com/)**. Be sure to view the full listing of monographs in**[**Morgan's Library**](https://www.morganslibrary.org/library.html) | |
| Purpose | ORADIM is a Windows only utility used for the creation, modification and deletion of the Windows Service. |
| Full Syntax | Enter one of the following commands: **Create an instance by specifying the following options:** -NEW -SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid | -APXSID sid| -SRVC srvc | -ASMSRVC srvc | -MGMTDBSRVC srvc | -IOSSRVC srvc | -APXSRVC srvc [-SYSPWD pass] [-STARTMODE auto|manual] [-SRVCSTART system|demand] [-PFILE file | -SPFILE] [-MAXUSERS maxusers] [-SHUTMODE normal|immediate|abort] [-TIMEOUT secs] [-RUNAS osusr/ospass] **Edit an instance by specifying the following options:** -EDIT -SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid | -APXSID sid [-SYSPWD pass] [-STARTMODE auto|manual] [-SRVCSTART system|demand] [-PFILE file | -SPFILE] [-SHUTMODE normal|immediate|abort] [-SHUTTYPE srvc|inst] [-MAXUSERS maxusers] [-RUNAS osusr/ospass] **Delete instances by specifying the following options:** -DELETE -SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid | -APXSID sid| -SRVC srvc | -ASMSRVC srvc | -MGMTDBSRVC srvc | -IOSSRVC srvc | -APXSRVC srvc **Start up services and instance by specifying the following options:** -STARTUP -SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid |-APXSID sid [-SYSPWD pass] [-STARTTYPE srvc|inst|srvc,inst] [-PFILE filename | -SPFILE] **Shut down service and instance by specifying the following options:** -SHUTDOWN -SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid | -APXSID sid [-SYSPWD pass] [-SHUTTYPE srvc|inst|srvc,inst] [-SHUTMODE normal|immediate|abort] **Manipulate ACLs by specifying the following options:** -ACL -setperm|-addperm|-removeperm dbfiles|diag|registry -USER username -OBJTYPE file|dir|registry -OBJPATH object-path -RECURSE true|false [-HOST hostname] **Manipulate FAMILY settings by specifying the following options:** -FAMILY -set|-delete value [-SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid | -APXSID sid ] **Query for help by specifying the following parameters: -? | -h | -help** |
| Definitions | |  |  | | --- | --- | | ACL | x | | APXSID | x | | APXSRVC <service\_name> | x | | ASMSID | ASM instance name | | ASMSRVC <service\_name> | ASM service name | | FAMILY | x | | HOST | x | | IOSSID | x | | IOSSRVC <service\_name> | x | | MAXUSERS | x | | MGMTDBSID | Cluster Health Monitior instance name | | MGMTDBSRVC <service\_name> | Cluster Health Monitior service name | | NEW | Indicates that a new instance is being created | | OBJPATH | x | | OBJTYPE | x | | PFILE <file\_name> | Parameter File Path and Name | | RECURSE | x | | RUNAS | Options are OSUSR and OSPASS | | SHUTDOWN | Stopping a running instance | | SHUTMODE | How the Windows Service should shutdown the database. Options are ABORT, NORMAL,  and IMMEDIATE | | SHUTTYPE | "srvc" is a directive to stop a service "inst" is a directive to stop the instance: Both can be specified | | SID | Name of the Oracle instance | | SPFILE | Indicates that a server parameter file (SPFILE) be used during startup instead of a PFILE | | SRVC <service\_name> | Name of the Oracle service | | SRVCSTART | Options are SYSTEM and DEMAND | | STARTMODE | Should Windows start the instance when the Database service is started. Options are AUTO and MANUAL | | STARTTYPE | "srvc" is equivalent to NET START oracleservice<SID> and "inst" is eqivalent to startup with SQL\*Plus | | STARTUP | Start an instance that already exists | | SYSPWD <password> | System password | | TIMEOUT <seconds> | Sets the maximum time to wait (in seconds) before the service for a particular SID stops | | USER | x | |
|  | |
| **Commands** | |
| DELETE  Delete instances by specifying options | -DELETE -SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid | -APXSID sid| -SRVC srvc | -ASMSRVC srvc | -MGMTDBSRVC srvc | -IOSSRVC srvc | -APXSRVC srvc |
| $ORACLE\_HOME\bin\oradim -DELETE -SID orabase |
| HELP | ORADIM -h |
| $ORACLE\_HOME\bin\oradim -?  $ORACLE\_HOME\bin\oradim -h  $ORACLE\_HOME\bin\oradim -help |
| MANIPULATE ACLS  ??? | -ACL -setperm|-addperm|-removeperm dbfiles|diag|registry -USER username -OBJTYPE file|dir|registry -OBJPATH object-path -RECURSE true|false [-HOST hostname] |
| TBD |
| MANIPULATE FAMILY  ??? | -FAMILY -set|-delete value [-SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid | -APXSID sid ] |
| TBD |
| MODIFY  Edit an instance by specifying the options | -EDIT -SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid | -APXSID sid [-SYSPWD pass] [-STARTMODE auto|manual] [-SRVCSTART system|demand] [-PFILE file | -SPFILE] [-SHUTMODE normal|immediate|abort] [-SHUTTYPE srvc|inst] [-MAXUSERS maxusers] [-RUNAS osusr/ospass] |
| $ORACLE\_HOME\bin\oradim -EDIT -SID orabase -SHUTMODE immediate  $ORACLE\_HOME\bin\oradim -EDIT -SID orabase -SPFILE |
| NEW  Specify new instance options | -NEW -SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid | -APXSID sid| -SRVC srvc | -ASMSRVC srvc | -MGMTDBSRVC srvc | -IOSSRVC srvc | -APXSRVC srvc [-SYSPWD pass] [-STARTMODE auto|manual] [-SRVCSTART system|demand] [-PFILE file | -SPFILE] [-MAXUSERS maxusers] [-SHUTMODE normal|immediate|abort] [-TIMEOUT secs] [-RUNAS osusr/ospass] |
| $ORACLE\_HOME\bin\oradim -NEW -SID orabase -SRVC orabase -SYSPWD uwpwd -STARTMODE manual -SRVCSTART system -SPFILE -SHUTMODE immediate |
| STARTUP  Define service and instance startup options | -STARTUP -SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid |-APXSID sid [-SYSPWD pass] [-STARTTYPE srvc|inst|srvc,inst] [-PFILE filename | -SPFILE] |
| $ORACLE\_HOME/bin/oradim -STARTUP -SID orabase -STARTTYPE tstc -SPFILE |
| SHUTDOWN  Define service and instance shutdown options | -SHUTDOWN -SID sid | -ASMSID sid | -MGMTDBSID sid | -IOSSID sid | -APXSID sid [-SYSPWD pass] [-SHUTTYPE srvc|inst|srvc,inst] [-SHUTMODE normal|immediate|abort] |
| $ORACLE\_HOME\bin\oradim -SHUTDOWN -SID orabase -SHUTMODE abort |
|  | |
| **Demo** | |
| Start Oracle services on startup using the SPFILE | ORADIM -EDIT -SID orabase -STARTMODE auto -SRVCSTART SYSTEM [-SPFILE] |

|  |
| --- |
| **Related Topics** |
| [Database](https://www.morganslibrary.org/reference/database.html) |
| [Startup & Shutdown](https://www.morganslibrary.org/reference/start_stop.html) |
| [What's New In 18c](https://www.morganslibrary.org/reference/new_18_1.html) |
| [What's New In 19c](https://www.morganslibrary.org/reference/new_19_2.html) |