

## TSM: Oracle Backup configuration example

Written by Administrator  
Wednesday, 18 May 2011 05:48 -

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\*\*\*\*\*

Old dsm.sys:

```
-----  
SErvername TSMServer  
COMMMethod TCPip  
TCPPort 1500  
TCPServeraddress TSMServer.abc.com  
PASSWORDAccess generate  
passworddir /home/oracle  
nodename oracledb02  
-----
```

New dsm.sys:

```
-----  
SErvername TSMServer  
COMMMethod TCPip  
TCPPort 1500  
TCPServeraddress TSMServer.abc.com  
PASSWORDAccess generate  
passworddir /home/oracle  
nodename oracledb02
```

```
SErvername TSM_weekly  
COMMMethod TCPip  
TCPPort 1500  
TCPServeraddress TSMServer.abc.com  
PASSWORDAccess generate  
passworddir /home/oracle  
nodename oracledb02  
INCLUDE /orc9_weekly/.../* weekly_mgmt_class
```

```
SErvername TSM_monthly  
COMMMethod TCPip  
TCPPort 1500  
TCPServeraddress TSMServer.abc.com  
PASSWORDAccess generate  
passworddir /home/oracle  
nodename oracledb02  
INCLUDE /orc9_monthly/.../* monthly_mgmt_class  
-----
```

\*\*\*\*\*

Present dsm.opt

```
-----  
* SErvername A server name defined in the dsm.sys file
```

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SERvername TSMServer  
-----

Additional file dsm\_weekly.opt  
-----

\* SERvername A server name defined in the dsm.sys file  
SERvername TSM\_weekly  
-----

Additional file dsm\_monthly.opt  
-----

\* SERvername A server name defined in the dsm.sys file  
SERvername TSM\_monthly  
-----

\*\*\*\*\*

Present tdpo.opt  
-----

DSMI\_ORC\_CONFIG /usr/tivoli/tsm/client/oracle/bin64/dsm.opt  
DSMI\_LOG /var/log/tsmlog/tdpoerror.log

TDPO\_FS orc9\_db  
\*TDPO\_NODE <hostname>  
\*TDPO\_OWNER oracle  
TDPO\_PSWDPATH /usr/tivoli/tsm/client/oracle/bin64

TDPO\_DATE\_FMT 1  
TDPO\_NUM\_FMT 1  
TDPO\_TIME\_FMT 1

TDPO\_MGMT\_CLASS\_2 mgmtclass2  
TDPO\_MGMT\_CLASS\_3 mgmtclass3  
TDPO\_MGMT\_CLASS\_4 mgmtclass4  
-----

Additional file tdpo\_weekly.opt  
-----

DSMI\_ORC\_CONFIG /usr/tivoli/tsm/client/oracle/bin64/dsm\_weekly.opt  
DSMI\_LOG /var/log/tsmlog/tdpoerror.log

TDPO\_FS orc9\_weekly  
\*TDPO\_NODE <hostname>  
\*TDPO\_OWNER oracle  
TDPO\_PSWDPATH /usr/tivoli/tsm/client/oracle/bin64

TDPO\_DATE\_FMT 1  
TDPO\_NUM\_FMT 1

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```
TDPO_TIME_FMT      1
```

```
TDPO_MGMT_CLASS_2  mgmtclass2
```

```
TDPO_MGMT_CLASS_3  mgmtclass3
```

```
TDPO_MGMT_CLASS_4  mgmtclass4
```

```
-----  
Additional file tdpo_monthly.opt
```

```
-----  
DSMI_ORC_CONFIG    /usr/tivoli/tsm/client/oracle/bin64/dsm_monthly.opt
```

```
DSMI_LOG           /var/log/tsmlog/tdpoerror.log
```

```
TDPO_FS            orc9_monthly
```

```
*TDPO_NODE         <hostname>
```

```
*TDPO_OWNER        oracle
```

```
TDPO_PSWDPATH      /usr/tivoli/tsm/client/oracle/bin64
```

```
TDPO_DATE_FMT      1
```

```
TDPO_NUM_FMT       1
```

```
TDPO_TIME_FMT      1
```

```
TDPO_MGMT_CLASS_2  mgmtclass2
```

```
TDPO_MGMT_CLASS_3  mgmtclass3
```

```
TDPO_MGMT_CLASS_4  mgmtclass4
```

```
-----  
*****
```

Run your weekly/monthly backups using your new filespace by giving it a new channel pointing to the new tdpoxxx.opt files.

The RMAN prompts are only for illustration.

New RMAN weekly backup command:

```
-----  
RMAN> run { allocate channel w1 device type sbt_tape  
2>      parms "ENV=(TDPO_OPTFILE=/usr/tivoli/tsm/client/oracle/bin64/tdpo_weekly.opt)";  
3>      backup database ... .. .;  
4>      }
```

New RMAN monthly backup command:

```
-----  
RMAN> run { allocate channel w1 device type sbt_tape  
2>      parms "ENV=(TDPO_OPTFILE=/usr/tivoli/tsm/client/oracle/bin64/tdpo_monthly.opt)";  
3>      backup database ... .. .;  
4>      }
```