

Hello DMC-Team,

I'm getting confused by the display of the event monitoring status in DMC.

While having defined an active full\_blackout or monitor\_and\_alert\_blackout on a connection profile the Event Monitor Profile screen shows the various event monitors as <Enabled> but in a greyed out fashion, i.e as de-activated. For instance:

[Event monitor profile](#) /

OV\_TEST\_GARTRP

### Tablespace usage

**Tablespace not defined**  
All event monitoring data will be stored in the defined tablespace.  
[Define a tablespace](#)

### Event monitor configuration

ActivityLockingUtilityStatistics

Name  
RTMON\_EVMON\_UTILITY

Status  
☒ Enabled

The utility event monitor can capture a number of events related to the execution of utilities.  
[Learn more](#)

!

Performance warning  
Enabling event monitors reduces storage and may affect performance.

Collection interval (minutes)  
5

Data retention (days)  
7

Utility types  
8 x Utility types are selected

Use Administrative Task Scheduler   
☒ On

At the very same time I still see the event monitors in the DB2 monitored database in status <active>:

```
>db2 -vt +p <<EOF^J  SELECT SUBSTR(EVMONNAME,1,30),^J      CASE^J      WHEN
EVENT_MON_STATE(EVMONNAME) = 0 THEN 'INACTIVE'^J      WHEN EVENT_MON_STATE(EVMO>
SELECT SUBSTR(EVMONNAME,1,30), CASE WHEN EVENT_MON_STATE(EVMONNAME) = 0 THEN 'INACTIVE' WHEN
EVENT_MON_STATE(EVMONNAME) = 1 THEN 'ACTIVE' END AS STATE FROM SYSCAT.EVENTMONITORS

1                               STATE
-----
RTMON_EVMON_ACTIVITIES_1662035 ACTIVE
RTMON_EVMON_LOCKING             ACTIVE
RTMON_EVMON_STATS               ACTIVE
RTMON_EVMON_UTILITY             ACTIVE
```

I would have expected that the event monitors get de-activated during the process of blackout window activation, i.e. short before disconnecting the connection profile from the target database.

When running e.g. a RUNSTATS in the monitored database during the blackout period its statistics get still captured to the IBM\_RTMON.UTIL\_START table.

Another confusing situation I frequently see after releasing a full\_blackout or monitor\_and\_alert\_blackout is that for instance the locking event monitor does not come up properly or its status is not displayed correctly.

On Event Monitor Profile screen the Locking event monitor is enabled and displayed in green:

ReportsBlackoutsJobsUsers and privilegesConnection profileMonitoring profileEvent monitor profileSettings

Event monitor profile /OV\_TEST\_GARTRP

Tablespace usage

TS4MONITOR(2.0GB) 0%

Deactivation threshold: 100%

ScaleEdit

Event monitor configuration

ActivityLockingUtilityStatistics

NameRTMON\_EVMON\_LOCKING

Status

Enabled

The locking event monitor captures descriptive information about lock events at the time that they occur.

Learn more

Performance warning

Enabling event monitors reduces storage and may affect performance.

Collection interval (minutes)5

Data retention (days)7

Lock wait threshold (microseconds)6000000

Use Administrative Task SchedulerOn

But when listing the event monitor status on this screen, the Locking event monitor is still shown as disabled:

ReportsBlackoutsJobsUsers and privilegesConnection profileMonitoring profileEvent monitor profileSettings

Top connection consumption by tablespace usage

Percentage (%)

OV\_TEST\_GARTRPConnection

Find database or profile

Connections	Type	Source	Created by	Status
OV_TEST_GARTRP				
RTMON_EVMON_STATS	STATISTICS	Console	DB2MON1	Enabled
RTMON_EVMON_UTILITY	CHANGEHISTORY	Console	DB2MON1	Enabled
RTMON_EVMON_ACTIVITIES_160203544424	ACTIVITIES	Console	DB2MON1	Enabled
RTMON_EVMON_LOCKING	LOCKING	Console	DB2MON1	Disabled
Panier_PNR00_yval4gw0_PP				

When creating a lockwait in the monitored database the lockwait does not get displayed in DMC Locking metrics, but it is visible in the SYSIBMADM.MON\_LOCKWAITS view.

In the monitored database I can see the following event monitor status:

```
SELECT SUBSTR(EVMONNAME,1,30) AS EVMON, CASE WHEN EVENT_MON_STATE(EVMONNAME) = 0 THEN
'INACTIVE' WHEN EVENT_MON_STATE(EVMONNAME) = 1 THEN 'ACTIVE' END AS STATE FROM
SYSCAT.EVENTMONITORS
```

EVMON	STATE
RTMON_EVMON_ACTIVITIES_1662035	ACTIVE
RTMON_EVMON_LOCKING	INACTIVE
RTMON_EVMON_STATS	ACTIVE
RTMON_EVMON_UTILITY	ACTIVE

The only way I can remediate the situation is by disable/re-enable the Locking event monitoring configuration screen in DMC. Simple logout from /login into the DMC web console does not help fixing the conflicting displays.

Another question I have is about the difference in scope between full\_blackout and monitor\_and\_alert\_blackout. Why gets the connection profile in a monitor\_and\_alert\_blackout disconnected and also reported as disconnected on the dashboard. I would have expected that in this case the database is simply not monitored and reported as such, but not disconnected. See the example below. Connection profile OV\_TEST\_GARTRP is in a monitor\_and\_alert\_blackout state, the Panier\_PNR00\_yval connection profile is in a full\_blackout state. Both are counted under <Disconnected>.