

multiple F ANTAS000,... take to long, wich results in mutliple IEE342I MODIFY REJECTED-TASK BUSY

Supportanfrage
TS003443792

Status
Warten auf IBM

Produkt
z/OS

Beschreibung

In case of Storage problems GDPS Script is doing ODD/NDSS to all DASD Storgesystems (F ANTAS000,STATESAVE muuuu 0 N).

This works fine for some (first) subsystems.

But ANTAS000 Consol communications task is not able to handle ALL commands (IEE342I MODIFY REJECTED-TASK BUSY).

Bypass "wait hundredths of a second" between Commands works,
but IBM (Soft- and Hardware) likes StateSave at exactly same time.

Produktbereich

DFSMS SMS Storage Management Subsystem <5695DF101>

Produktversion

2.3.0

System inaktiv

No

Schweregrad

3 - Untergeordnete Geschäftsbeeinflussung

Erstellt

5 Mär 2020(45 days old)
4:25 PM

Anhänge

TS003443792.D200305.SYSLOGS.TRS
TS003443792.D200220.SYSLOGS.TRS

Kunde
DATEV eG

Kundenreferenznummer

IBM Kundennummer
0015485

Region
DE

Team

Walter Auerochs (**Verantwortlicher für Supportanfrage**)

Berthold Gunreben

Joachim Stumpf

Marco Kemmer

Martin Windischmann

Wolfgang Liebl

Verlauf der Supportanfrage

19 Apr 2020

12:16 PM WEST

Walter Auerochs (Customer)

as discussed, I'll do

- Close this case

In my opinion "IEE342I MODIFY REJECTED-TASK BUSY" at "F ANTAS000" Console Command should be classified as a defect.
But our work-around "wait 1 sec between each modiFy ANTAS000 Console Command" works fine.
And IBM advised me to address this issue as RFE

17 Apr 2020

08:33 AM WEST

Dirk Gutschke (IBM)

Hallo Walter,

please let me know if I should complete the closing or If you prefer to do this by your own.

And feel free to open a new case for the undetermined RC8 during ANTFREXX STATESAVE processing.

viele Gruesse aus Mainz, Dirk

ACTION TAKEN: talked to Walter via phone yesterday

ACTION PLAN: awaiting feedback

15 Apr 2020

06:19 PM WEST

Walter Auerochs (Customer)

I discussed with GDPS admins at DATEV 2 alternatives

- add 1 sec wait between each "F ANTAS000,STATESAVE" command
- implement ANTFREXX within SA-Scripts

As interims solution we've implemented 1 sec wait between each "F ANTAS000,STATESAVE" command, because ANTAS000 has meaningful messages.
ANTFREXX needs more meaningful ReturnCodes/messages.

Will talk with Dirk.

26 Mär 2020

12:47 PM WET

Dirk Gutschke (IBM) hat Status geändert von *Supportanfrage bei IBM in Arbeit* in *Warten auf Ihr Feedback*.

20 Mär 2020

08:52 AM WET

Dirk Gutschke (IBM) hat Status geändert von *Warten auf IBM* in *Supportanfrage bei IBM in Arbeit*.

08:52 AM WET

Dirk Gutschke (IBM)

ACTION TAKEN: talked to Walter via phone

ACTION PLAN: awaiting email with further details

19 Mär 2020

07:23 PM WET

Walter Auerochs (Customer) hat Status geändert von *Warten auf Ihr Feedback* in *Warten auf IBM*.

07:23 PM WET

Walter Auerochs (Customer)

I tried ANTFREXX STATESAVE DEVN(uuuu) SUBCHSET(0|1) NDSS(YES)

works fine with RC=0 and ANTR8810I OK STATESAVE SUCCESSFUL

But RC=8 can mean many different things

- Syntax error
- Storagesystem does not support StateSave (Hitachi rejects commands, but captures the situation and does SVP-DUMP)
- IBM rejected (more than one in 5 min)

antg000_v2r4 DFSMS Advanced Copy Services describes syntax, but no help to identify RC=8 reasons.

I'll talk with GDPS SAzOS admins to use ANTFREXX

18 Mär 2020

11:07 PM WET

Jamie Storey (IBM)

Hello Walter,

I just wanted to follow up to see if you had a chance to review my previous update. Please let me know.

Regards,
Jamie Storey
SDM SME

Action Taken: Followed up with client.
Action Plan: Await client feedback.

10 Mär 2020

09:30 PM WET

Jamie Storey (IBM) hat Status geändert von *Supportanfrage bei IBM in Arbeit* in *Warten auf Ihr Feedback*.

09:30 PM WET

Jamie Storey (IBM)

Hello Walter,

I wanted to update you on the internal discussion that has transpired regarding this issue.

Dirk mentioned that he spoke with you regarding the workaround provided. It was also noted in the phone call that the preferred method for issuing these commands would be via the MCS console. Unfortunately, enabling the SDM and the console component to have the capability to handle these commands at the same time would be difficult. It would mean extremely big design changes. This would not warrant a defect but instead you would need to submit a request for enhancement (RFE). You can do so with the following link:

<https://www.ibm.com/developerworks/rfe/> (<https://www.ibm.com/developerworks/rfe/>).

Jamie Storey
SDM SME

Action Taken: Determined SDM command processing would require large changes to issue NDSS commands at the same time.
Action Plan: Suggest client submits a request for enhancement.

09:16 AM WET

Lutz Richter (IBM) hat Status geändert von *Warten auf IBM* in *Supportanfrage bei IBM in Arbeit*.

09:16 AM WET

Lutz Richter (IBM)

Hello Mr.Auerochs,

Thanks for sending the docu - I checked it and it is ok.

Kind regards, Lutz.

.
ACTION TAKEN/PLAN: Update noted - @JAMIE STOREY will have a look at the case at her business hours.

6 Mär 2020

01:26 PM WET

Walter Auerochs (Customer)

F ANTAS000,STATESAVE by SVC 34 Consol commands / Extended MCS Consol Commands

TS003443792.D200305.SYSLOGS.(P001)

```

N 4000000 P001 20065 16:53:32.44 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,SCTRAP ON
NI0000000 P001 20065 16:53:32.44 JOB12507 00000290 F ANTAS000,SCTRAP ON
N 4000000 P001 20065 16:53:32.44 00000090 ANTX8923I SCTRAP STATUS IS ON
N 4000000 P001 20065 16:53:34.46 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 0C600 0 N
NI0000000 P001 20065 16:53:34.46 JOB12507 00000290 F ANTAS000,STATESAVE 0C600 0 N
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 1C600 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 1C600 0 N
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 0A000 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 0A000 0 N
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 1A000 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 1A000 0 N
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 02000 0 N
NI0000000 P001 20065 16:53:34.48 JOB12507 00000290 F ANTAS000,STATESAVE 02000 0 N
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 12000 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 12000 0 N
NR0000000 P001 20065 16:53:34.47 JOB12507 00000080 IEE342I MODIFY REJECTED-TASK BUSY
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 01000 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 01000 0 N
NR0000000 P001 20065 16:53:34.47 JOB12507 00000080 IEE342I MODIFY REJECTED-TASK BUSY
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 11000 0 N
NI0000000 P001 20065 16:53:34.48 JOB12507 00000290 F ANTAS000,STATESAVE 11000 0 N
NR0000000 P001 20065 16:53:34.48 JOB12507 00000080 IEE342I MODIFY REJECTED-TASK BUSY
N 4000000 P001 20065 16:53:34.48 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 01800 0 N
NI0000000 P001 20065 16:53:34.48 JOB12507 00000290 F ANTAS000,STATESAVE 01800 0 N
NR0000000 P001 20065 16:53:34.48 JOB12507 00000080 IEE342I MODIFY REJECTED-TASK BUSY
N 4000000 P001 20065 16:53:34.48 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 11800 0 N
NI0000000 P001 20065 16:53:34.48 JOB12507 00000290 F ANTAS000,STATESAVE 11800 0 N
NR0000000 P001 20065 16:53:34.48 JOB12507 00000080 IEE342I MODIFY REJECTED-TASK BUSY

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N 4000000 P001 20065 16:53:34.83 00000090 ANTX8037I 0C600 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 P001 20065 16:53:34.83 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8037I 1C600 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8037I 0A000 NON-DISRUPTIVE STATE SAVE NOT AVAILABLE
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8036I 0A000 STORAGE CONTROL STATE SAVE SCHEDULED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8037I 1A000 NON-DISRUPTIVE STATE SAVE NOT AVAILABLE
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8036I 1A000 STORAGE CONTROL STATE SAVE SCHEDULED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 P001 20065 16:53:35.04 00000090 ANTX8037I 02000 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 P001 20065 16:53:35.04 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 P001 20065 16:53:36.50 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,SCTRAP OFF
NI0000000 P001 20065 16:53:36.50 JOB12507 00000290 F ANTAS000,SCTRAP OFF
N 4000000 P001 20065 16:53:36.50 00000090 ANTX8923I SCTRAP STATUS IS OFF

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01:24 PM WET

Walter Auerochs (Customer)**F ANTAS000,STATESAVE by GDPS / SA customer Script**

TS003443792.D200220.SYSLOGS(K001)

```

NC0000000 K001 20051 18:06:19.94 AMAUTOIE 00000290 F ANTAS000,STATESAVE 0A000 0 N
NC0000000 K001 20051 18:06:19.94 AMAUTOIE 00000290 F ANTAS000,STATESAVE 1A000 0 N
NC0000000 K001 20051 18:06:19.94 AMAUTOIE 00000290 F ANTAS000,STATESAVE 02000 0 N
NC0000000 K001 20051 18:06:19.94 AMAUTOIE 00000290 F ANTAS000,STATESAVE 12000 0 N
NC0000000 K001 20051 18:06:19.94 AMAUTOIE 00000290 F ANTAS000,STATESAVE 01000 0 N
NC0000000 K001 20051 18:06:19.94 AMAUTOIE 00000290 F ANTAS000,STATESAVE 11000 0 N
N 4000000 K001 20051 18:06:19.94 00000090 ANTX8037I 0A000 NON-DISRUPTIVE STATE SAVE NOT AVAILABLE
N 4000000 K001 20051 18:06:19.94 00000090 ANTX8036I 0A000 STORAGE CONTROL STATE SAVE SCHEDULED
N 4000000 K001 20051 18:06:19.94 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
NC0000000 K001 20051 18:06:19.94 AMAUTOIE 00000290 F ANTAS000,STATESAVE 0D000 0 N
NC0000000 K001 20051 18:06:19.94 AMAUTOIE 00000290 F ANTAS000,STATESAVE 1D000 0 N
N 4000000 K001 20051 18:06:19.94 00000090 ANTX8037I 1A000 NON-DISRUPTIVE STATE SAVE NOT AVAILABLE
NC0000000 K001 20051 18:06:19.94 AMAUTOIE 00000290 F ANTAS000,STATESAVE 01800 0 N
N 4000000 K001 20051 18:06:19.94 00000090 ANTX8036I 1A000 STORAGE CONTROL STATE SAVE SCHEDULED
N 4000000 K001 20051 18:06:19.94 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
NC0000000 K001 20051 18:06:19.94 AMAUTOIE 00000290 F ANTAS000,STATESAVE 11800 0 N
N 4000000 K001 20051 18:06:19.99 00000090 ANTX8037I 02000 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 K001 20051 18:06:19.99 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 K001 20051 18:06:20.04 00000090 ANTX8037I 12000 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 K001 20051 18:06:20.04 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 K001 20051 18:06:20.07 00000090 ANTX8037I 01000 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 K001 20051 18:06:20.07 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 K001 20051 18:06:20.10 00000090 ANTX8037I 0D000 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 K001 20051 18:06:20.10 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 K001 20051 18:06:20.20 00000090 ANTX8037I 01800 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 K001 20051 18:06:20.20 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED

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11:51 AM WET

Walter Auerochs (Customer) hat Status geändert von *Warten auf Ihr Feedback* in *Warten auf IBM*.

11:51 AM WET

Walter Auerochs (Customer)

Hi Jamie,

GDPS does ODDs (with DS8K only).

Hitachi Vantara VSP G1x00/5000 does not support StateSave Commands with sense and acknowledge. GDPS folks told me: so GDPS do not schedule StateSaves to any Storage-System.

So DATEV GDPS folks has written custom script wich does StateSave Commands to all Storagesystems (including Hitachi).

StateSave command to Hitachi is interpreted at Hitachi Microcode, which generates SSB-Log entry. Hitachi program LOGDUMP captures SSB-LOG "StateSave requested" and scheduled SVP-DUMP on Hitachi storage)

This Script schedules StateSaves via ANTAS000 Consol Commands.

I've done also ANTAS000 Consol Commands via "SVC 34" and/or extended MCS Consoles.

Same results: some ANTAS000 calles ignred/rejected with IEE342I

5 Mär 2020

08:59 PM WET

Jamie Storey (IBM) hat Status geändert von *Neue Supportanfrage* in *Warten auf Ihr Feedback*.

08:58 PM WET

Jamie Storey (IBM)

Hello Walter,

Could you please provide me with some more information regarding the GDPS script you are referencing? Is this a custom script that was made by your team, or was this provided to you by GDPS? Does this script only run when you experience storage problems? I do not believe GDPS uses F ANTAS000,STATESAVE to issue an ODD. Could you please send in the 24 hours with of SYSLOG? I may need to collaborate with some colleagues regarding this issue.

Thanks,
 Jamie Storey
 SDM SME

Action Taken: Requested more detail regarding GDPS script.

Action Plan: Await client feedback.

04:59 PM WET

Matthew.Barragan1 (IBM)

Hello,

I am sending this case over to my colleagues in SDM, they are better suited to help you with your issue.

Thank You,

Matthew Barragan

DSS/SMS Technical Support Engineer

ACTION TAKEN:

Update client.

ACTION PLAN:

Requeue to SDM (Thanks Jamie!)

04:26 PM WET

Walter Auerochs (Customer)

Extract from SYSLOG:

```

N 4000000 P001 20065 16:53:32.44 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,SCTRAP ON
NI0000000 P001 20065 16:53:32.44 JOB12507 00000290 F ANTAS000,SCTRAP ON
N 4000000 P001 20065 16:53:32.44 00000090 ANTX8923I SCTRAP STATUS IS ON
N 4000000 P001 20065 16:53:34.46 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 0C600 0 N
NI0000000 P001 20065 16:53:34.46 JOB12507 00000290 F ANTAS000,STATESAVE 0C600 0 N
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 1C600 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 1C600 0 N
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 0A000 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 0A000 0 N
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 1A000 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 1A000 0 N
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 02000 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 02000 0 N
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 12000 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 12000 0 N
NR0000000 P001 20065 16:53:34.47 JOB12507 00000080 IEE342I MODIFY REJECTED-TASK BUSY
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 01000 0 N
NI0000000 P001 20065 16:53:34.47 JOB12507 00000290 F ANTAS000,STATESAVE 01000 0 N
NR0000000 P001 20065 16:53:34.47 JOB12507 00000080 IEE342I MODIFY REJECTED-TASK BUSY
N 4000000 P001 20065 16:53:34.47 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 11000 0 N
NI0000000 P001 20065 16:53:34.48 JOB12507 00000290 F ANTAS000,STATESAVE 11000 0 N
NR0000000 P001 20065 16:53:34.48 JOB12507 00000080 IEE342I MODIFY REJECTED-TASK BUSY
N 4000000 P001 20065 16:53:34.48 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 01800 0 N
NI0000000 P001 20065 16:53:34.48 JOB12507 00000290 F ANTAS000,STATESAVE 01800 0 N
NR0000000 P001 20065 16:53:34.47 JOB12507 00000080 IEE342I MODIFY REJECTED-TASK BUSY
N 4000000 P001 20065 16:53:34.48 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,STATESAVE 11800 0 N
NI0000000 P001 20065 16:53:34.48 JOB12507 00000290 F ANTAS000,STATESAVE 11800 0 N
NR0000000 P001 20065 16:53:34.48 JOB12507 00000080 IEE342I MODIFY REJECTED-TASK BUSY
N 4000000 P001 20065 16:53:34.83 00000090 ANTX8037I 0C600 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 P001 20065 16:53:34.83 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8037I 1C600 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8037I 0A000 NON-DISRUPTIVE STATE SAVE NOT AVAILABLE
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8036I 0A000 STORAGE CONTROL STATE SAVE SCHEDULED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8037I 1A000 NON-DISRUPTIVE STATE SAVE NOT AVAILABLE
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8036I 1A000 STORAGE CONTROL STATE SAVE SCHEDULED
N 4000000 P001 20065 16:53:34.99 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 P001 20065 16:53:35.04 00000090 ANTX8037I 02000 NON-DISRUPTIVE STATE SAVE SCHEDULED
N 4000000 P001 20065 16:53:35.04 00000090 ANTX8958I STORAGE CONTROL STATE SAVE REQUESTED
N 4000000 P001 20065 16:53:36.50 JOB12507 00000291 SPCMD01 - T03052AS - F ANTAS000,SCTRAP OFF
NI0000000 P001 20065 16:53:36.50 JOB12507 00000290 F ANTAS000,SCTRAP OFF
N 4000000 P001 20065 16:53:36.50 00000090 ANTX8923I SCTRAP STATUS IS OFF

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04:25 PM WET

Walter Auerochs (Customer) hat diese Supportanfrage erstellt