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Irma Andersson	99-11-15			

Ärende/Subject

Checklist mainframe consolidation Gent to Gothenburg

Mottagare (avd nr, namn, geografisk placering)/Receiver (dept, name)

Minutes of meeting on the 6th of April, 1999-04-06 in Gothenburg, with

Heidi Devooght, Irma Andersson, Gunnel Isaksson, Hans-Erik Lundqvist

+ some experts from the different areas.

And some investigation work done after that.

Background:

VITB has an Comparex C2000-22A, equipped with 2 processors, in total 219 MIPS, 1 OS/390 lpar called NV01, 580 GB disk filled up to ? %, and around 530 tapes.

Examination of the software that belong to OS/390-lpar NV01, in the scenario that these applications shall move into a V20x lpar in sysplex V2, shared disk, ACF2, spool with the rest of the lpars i V2.

Userid:s must be generated as soon as possible for involved persons in VITG so they can run the systems in VITB during the investigation and consolidation time.

Demands:

Before the consolidation to local VITG, the VITB environment must be modified so it can move into a sysplex V2 without changes.

This means that all products where there is a corresponding software in VITG must be at the same level as VITG. Products which are missing in VITG must be supported from the vendor, be Y2000 adapted and have clearly pointed out product, technics and running responsible persons. All batch jobs that has to run in a special sysplexclone(lpar) must be updated with some controll information.

There can't be any duplicates in datasets. Remote number, control unit addresses, and tape serienumbers must not be the same. All default values in JES2 and OS/390 must be the same.

All changes that has to be performed must be done under responsability of VITB organisation, in proper time before the consolidation.

Removal of products and data must be done in good time before the consolidation that any problem that can occur can't be connected to the consolidation.

An exact study must be done in every area to investigate any need of adaptment for VITB. What we have found out so far, you can see in the report.

Responsability:

Before the consolidation is carried out, the question about responsability for every product/application must be clearly discussed and decided.

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1. Cleanup   VITG/VITB manweeks 1/4

1a UltraOpt   is shut down, for test according to VITB

1b DataManager "will be phased out" according to VITB

2. Net, Netproducts   VITG/VITB manweeks 9/11

2a VTAM

2b TCPIP

2c Filemon

2d Print/tape   channel connection of print/tape, a solution must be found

2e INDÅFILE   own modifications

2f HELP   is installed, but is it used?

3. OS390/JES2   VITG/VITB manweeks 8/6

3a MVS   Central libraries

    LNKLST   including unique SU-modules. Some zapping is done in
                         MEXPAC delivered modules. LNKLST must be cleaned up!

3b MVS   Central resources

    MASTERCAT cleanup must be done!

3c PARMLIB   LNKLST -> PROGL*

3d JES2   parameters, NJE, RJE

3e SYS3.F5STVITB.PROCLIB is in JES2 proc

3f SDSF

3g SMF-exits   is there any own exits? Probably not?

3h FCB:er   is there any own changes in SYS1.IMAGELIB (copies?)

3i Cleanup   some cleanup must be done, ex. SYS3

3j Production   move

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4.   **Storage**   **VITG/VITB manweek   5/?**

HSM/SMS storage is treated completely differently in VITG/VITB.
MGMTCLAS in VITB is coded in the ACS-rutin, in VITG it's in the JCL. Both variants can't be used in a plex at the same time. In VITB the Datacenter is desiding, in VITG the users owns the datasets and deside about backupes and so on

4a   Tapehandling

4b   HSM-merge

4c   Disk

4d   High index

4e   SMS   accomodation, a lot of

4f   TMS

5.   **VICS**   **VITG/VITB manweeks   3/3**

Today there are about 400 users.

5a   Logonprocedures

5b   Register of users

5c   F5**** with modified CLIST and REXX from MEXPAC

6.   **IMS**   **VITG/VITB manweeks 20/20**

6a   VCMD   New version (GA) upgrade is going on

6b   VINFO   own modifikations in an old MEXPAC
                     (As long as DL1 - VINFO.)

6c   RUNVIS   own developed application

6d   FileAid/IMS installed and delivered from VITG

6e   DataManager old version, planed to phase out (1b). If not phased out, an
                     upgrading must be done before the consolidation

6f   GENI   IMS gen will be replaced by Deltaims for dynamic

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		terminals
6g	ADF2	is on the way out, will be gone before Y2000

7. DB2   VITG/VITB manweeks 10/10

Datasetnames = standardnames

7a	RX/DB2	access of DB2 tables from REXX-proc
7b	QMF	procedures for endusers
7c	DB2/Enq	with STC:s, VITBs own.

8. Central output   VITG/VITB manweeks 2/5

VITG is using CA-View + CA-Deliver for addressering and archiving of reports, and CA-View for archiving of sysouts. OnDemand is used in VITG for optic storing of documents.

SYSOUTs in VITB is handling a lot of paper and manual work. A project is going on – Document handling project – pilottest of sw EDW from Mobius, for handling the sysouts, lists, syslogs and so on, some testing is done at this moment.

8a	CA-View	(jcl-split, SAR2)
8b	CA-Deliver	
8c	Education	

9. OPC and batchjob   VITG/VITB manweeks 1/6

All OPC-runnings is planed of the Datacenter in VITB, the customers doesn't plane any OPC-runnings. The Datacenter owns the JCLs and jobs.

9a	OPC HOLDJOB=YES must be changed before the merge in the V2-plex to HOLDJOB=USER.
9b	ThruPutManager agents and bind-card must be included
9c	Jobclasses

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9d   Batch about 20.000/day.

10.   **AOC**   **VITG/VITB manweeks 2/2**

10a   AOC

11.   **Systemdevelopment**   **VITG/VITB manweeks 7/7**

11a	Vilma	VITB modifications will be keeped in F5TSNV dsn.
11b	Abendaid	own options, changes must be done before merge into the plex (RIW)
11c	SU-miljön	F5****. dsn is remaining, no problem
11d	Stand Proc	dataset name modifications must be done
11e	EPLUS	old applications, small development (RIW)
11f	Xpeditor/IMS	is installed in VITG, delivered to VITB
11g	FileAid/DB2	
11h	COOL:gen	newly upgraded. Runtime in NV01. Development i V2.
11i	RPG	is it used?

12.   **SESAM/MEMO**   **VITG/VITB manweeks 4/1**

Upgrade must be done, VITB is using an old version since 1996

12a	Change	of the name, STC ?
12b	Change	of the name of the appl.?
12c	MEMO	using an own MEMO-system
12d	EPDM	Performance Monitor into production in May. (same product, different name)

13.   **Accounting**   **VITG/VITB manweeks 2/6**

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13a   Accounting   standard Volvo

13b   Account catalog. Uppgrading routines ??

14.   Helpdesk   **VITG/VITB manweeks ?/?**

14a   VITG?/VITB?

15.   ACF2   **VITG/VITB manweeks 2/4**

15a   ACF2 revision is going on. Cleanup of userid:s.

15b   UID   how is it used?

15c   UDB   don't use it at all

15d   Exits   some

16.   Print   **VITG/VITB manweeks 2/1**

16a   NetSpool

16b   6603   channel connected, (route it through AS400?)

16c   Formdef, FCB

16d   Printers   how many is there ?

16e   Postscript   scriptx, is it used??

17.   VCOM   **VITG/VITB manweeks 4/4**

Today all the nodes is connected to Mainframe, all alerts is going through
mainframe because it's the main node. New configuration is needed, it can't be
necessary to send the data there and back, (Why not use some AS400 in VITB
instead?)

17a   VCOM   adjustments

17b   old version 2.3.7, MAN is sending a new version

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17c   PARMLIB customers is doing updates in VCOM currently with an ISPF/TSO interface written in VITB. Their SU-people are allowed to define VCOM-resourses. Importent demand from the customers that this function must continue to work. In VITG the definitions is only made by 8280.

17d   RUNCND V3 Run conditional, to handle a lot of batchjobs. This is running with an timerfunction, collecting data and runs it all at one time.

The logging is in DB2 tables, steered by Netview via messages (can be keept according to MAN)

(Perhaps something for VITG.)

17e   Sequence dependent jobs must be rewritten.

Defines in VCOM API, can cause problems in the sysplex

18.   Miscellaneous   VITG/VITB manweeks ?/?

18a   CATIA   runs in AIX, data still in Mainframe,

all 5080 stations are gone

18b   Codepages   national characters

In an OS/390 system isn't any codepages defined, the codepages are defined in the control units and in the PC. VITB will continue to use it's own DB2, then the choose of codepage is coded in DB2.

There can be problem if VITB/VITG will decide to share data. If so, some investigation must be done later on.

Problem can also accour if VITB/VITG will decide to use the same VPS printers. But if VITB will remain to use there own printers it will be handled as today. VPS is using a codepage per printer. Perhaps it's possible to define codepages in the jcl, but it must be investigated.

19.   Licenser   VITG/VITB manweeks ?/?

19a   Platinum   products

19b   Compuware   products

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20.   Own developed products   VITG/VITB manweeks ?/?

20a   Functions/services that probably have to remain, demand from the SU-people. DB/ENQ, RUNVIS (VINFO), VCOM ISPF interface, RUNCND (handling VCOM batches). Some of these functions/services have "own" STC:s.

20b   Own modifications on delivered Standard-products.

Conclusion:

If/when the decision of the consolidation is taken, a more complete investigation must be done by plan people at VITB/VITG responsible for their special areas.

We haven't got the estimated time for Storage and Own developed applications from VITB and it is difficult to count the Storage area and the Own developed application area without a more complete investigation.

Calculated manweeks:

Area	VITG	VITB	Area	VITG	VITB
1.	1	4	11.	7	7
2.	9	11	12.	4	1
3.	8	6	13.	2	6
4.	5	?	14.	?	?
5.	3	3	15.	2	4
6.	20	20	16.	2	1
7.	10	10	17.	4	4
8.	2	5	18.	?	?
9.	1	6	19.	?	?
10.	2	2	20.	?	?

Until today we have in total counted 166 manweeks, 79 for VITG and 87 for VITB. But we calculate that the total amount of time in the end will be around 250 manweeks including all areas.