

Consolidated Service Test



CST1Q09 (RSU0903)

Dated: April 3, 2009

Prepared by: CST Team

As part of IBM's commitment to quality and continuous improvement, IBM established the Consolidated Service Test (CST) team consisting of cross product test representatives. CST enhances the way IBM tests and recommends maintenance packages for z/OS software, including the major subsystems. In the past, many of the key product families on the z/OS software stacks had different recommended maintenance strategies, with little or no coordination between them. CST has been put in place to address this issue so that you can obtain and install the recommended PTF service level from the CST Web site for z/OS and their key subsystems consolidated into one package. This means you will receive a tested level of service for all of the following products/tools:

- z/OS
- CICS Transaction Server for z/OS
- CICS Transaction Gateway for z/OS
- DB2 Connect
- DB2 for z/OS
- Geographically Dispersed Parallel Sysplex (GDPS/PPRC)
- IMS
- IRLM
- JAVA
- WebSphere Application Server for z/OS
- WebSphere MQ for z/OS
- IBM DB2 and IMS Tools
- IBM Tivoli OMEGAMON
- z/OS Problem Determination Tools

Note: For a complete list of products/tools and levels tested, please refer to the *What Service was Installed* section.

We provide these recommendations free of charge to all z/OS customers. Note that CST testing is performed in addition to existing test criteria and does not replace any current Quality Assurance processes performed by other products.

Consolidated Service Test



What is the CST Environment?

2097-E64 (H131)	Microcode at Driver 76D + MCL bundle 20 with CFCC code N10964.003 (R16 srv lvl 00.29) <ul style="list-style-type: none"> • 10 LPARs running z/OS • 56 general processors shared amongst all 10 LPARs, 6 IFA processors, 6 zIIPs Logical processors per LPAR • All z/OS images are at either V1R7, V1R8 or V1R9 in z/Architecture mode • 14976M Central Storage for 4 MVS LPARs • 10240M Central Storage for 6 MVS LPARs • 2 CF with 12G storage at CFCC level 16 and 2 dedicated processors each
2084-D32 (G17)	Microcode at Driver 55 + MCL bundle 91 with CFCC code J13481.018 (R14 srv lvl 00.27) <ul style="list-style-type: none"> • 16 LPARs running z/OS, 8 CST images • 26 general processors shared amongst all z/OS LPARs, 6 IFA processors shared among SVT images • 10 Logical shared processors on all LPARs. SVT varies. • 10240M Central Storage for 8 CST MVS LPARs. SVT varies. All are running in z/Architecture mode. • 2 CF with 12G storage at CFCC level 14 and 2 dedicated processors each
2097-E26 (H134)	Microcode at Driver 76D + MCL bundle 20 with CFCC code N10964.003 (R16 srv lvl 00.29) <ul style="list-style-type: none"> • 5 LPARs running z/OS • 10496M Central storage for 3 z/OS LPARs, running V1R7, V1R8 and V1R9 in z/Architecture mode. • 2 GDPS control images with 3840MB Central storage running z/OS V1R9
Automated Tape Library (ATL)	3495 <ul style="list-style-type: none"> • Library Manager with OS/2 WARP • 16 3490 tape drives, ESCON-attached • 12 3590 tape drives, ESCON-attached • 4 3592 tape drives, ESCON-attached
Virtual Tape Server (VTS)	3494 V18 VTS <ul style="list-style-type: none"> • AIX with VTS CU • 32 emulated 3490 addresses in this L10 VTS • 6 VTS 3590 drives (not directly accessible from z/OS) • 16 3590 tape drives are accessible from z/OS (FICON)
DASD (2105) 800= 28211, 28355, 25924, 28644 DASD (2107/242x) DS8000=2107 25030 (SQ00) DS8000=2421 Y2430 (SQ13) DS8000=2421 Y4360 (SQ14)	4 Enterprise Storage Server 800 (Shark). Microcode level is 2.4.4.151 (R2i.8b080215a) 3 Enterprise Storage Server DS8000. Microcode level is 64.1.16.3 (R12q.9b090126)

Consolidated Service Test



DS8000=2421 FA820 (SQ18) DS8000=2421 FB240 (SQ19)	2 Enterprise Storage Server DS8000 Microcode level is 64.1.16.2 (R12q.9b081105a)
GDPS	Configuration info: in one environment, we simulate two logical sites by using 20K of fiber between the two DWDMs, through which all the cross-site links, including the PPRCs links, are sent. In another environment, we do not have any DWDMs or additional fiber, and the designation of site1 and site2 is purely logical.
Lan attached	Both SNA and TCPIP
Data Sharing Groups	<ul style="list-style-type: none"> • 6-way DB2/CICS • (2) 4-way DB2/CICS • 6-way DB2/WAS • (2) 4-way DB2/WAS • (2) 4-way DB2/WAS via CTG/CICS • 2-way DB2 for system back-up, restore and recovery testing • 6-way CICS/VSAM-RLS and non-RLS • (2) 4-way CICS/VSAM-RLS and non-RLS • (2) 4-way TVS batch setup • 6-way IMS/TM • (2) 4-way IMS/TM • (2) 4-way IMS FastPath • (2) IMS Connect Stress Test using Sysplex Distributor • 6-way IMS/CICS • (2) 4-way IMS/CICS • 6-way WMQ/DB2 using Shared Queues (Note: DB2 used for Administration purposes only) • (2) 4-way WMQ/DB2 using Shared Queues and Clustering (Note: DB2 used for Administration purposes only) • 3-way DB2 Connect Application running DB2 Coexistence mode. Background workloads to exploit CICS CF Servers (Shared Temporary Storage, Coupling Facility Data Tables and Named Counter Server)

NOTES:

- Dedicated (24x7)
- Enhanced Catalog Sharing (ECS) was enabled (APAR OW51412).

Consolidated Service Test



What Service was Installed:

NOTE: Refer to Appendix A for a list of the excluded maintenance due to unresolved PE fixes.

Product/Tool	Maintenance Level
CICS Transaction Gateway V6.1 (z/OS) CICS Transaction Gateway V7.0.00 (z/OS) CICS Transaction Gateway V7.1.01 (z/OS)	All service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009.
- CICS TS 2.3 - CICS TS 3.1 - CICS TS 3.2 - CICS Interdependency Analyzer for z/OS V2.1 - CICS Interdependency Analyzer for z/OS V1.3	All service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009
- DB2 V8 - DB2 V9	All service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009.
- DB2 Connect 9.5 - DB2 Connect 9 - DB2 Connect v8.2	<p>All validation scenarios use Enterprise Edition for Connect Gateway.</p> <p>Connect Gateway and DB2 clients used the following service levels:</p> <ul style="list-style-type: none"> - DB2 Connect 9.5 - DB2 Connect 9 Fixpack 4. - DB2 Connect v8.2 Fixpack 16 <p>DB2 Windows Clients -> DB2 AIX Connect Gateway -> DB2 z/OS Server DB2 Windows Clients -> DB2 Linux Connect Gateway -> DB2 z/OS Server DB2 Windows Clients -> DB2 Windows Connect Gateway -> DB2 z/OS Server</p> <p>Windows 2003 clients 32bit & 64bit Multiple Connect Gateway includes AIX 5.3 TL6, SuSE SLES10 s390x kernel 2.6.16.21-0.8, Windows 2003 Server 64-bit</p> <p>Even though we utilized AIX, zLinux, Windows 64 bit Connect Gateway and Windows clients in our configuration, this report is valid for all other operating systems. For other Operating System pre-requisites, please visit http://www.ibm.com/software/data/db2/9/sysreqs.html</p> <p>Validation scenario includes testing IBM WebSphere Application Server 6.1.0.15 and WMQ 5.3 CSD 12 in DB2 Connect distributed environment</p> <p>DB2 z/OS service includes all service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009.</p>

Consolidated Service Test



<p>z/OS Problem Determination Tools</p> <ul style="list-style-type: none"> - Application Performance Analyzer Version 9 Release 1 - Application Performance Analyzer Version 8 Release 1 - Debug Tool for z/OS Version 9 Release 1 - Debug Tool for z/OS Version 8 Release 1 - Debug Tool Utilities and Advanced Functions for z/OS Version 8 Release 1 - Fault Analyzer for z/OS Version 9 Release 1 - Fault Analyzer for z/OS Version 8 Release 1 - File Manager for z/OS Version 9 Release 1 - File Manager for z/OS Version 8 Release 1 - WebSphere Developer for zSeries Version 7 	<p>All service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009, unless a z/OS Problem Determination Tool references a specific PTF number.</p>
<p>GDPS V3.4 GDPS V3.5</p>	<p>GDPS is a services offering, and it's PTFs do not get marked RSUyymm. However, all GDPS service that was available through the end of December 2008 was installed. The following is the list of PTFs installed this quarter:</p> <p><u>GDPS V3.4</u> UK37721,UK37724,UK37876,UK38103,UK38568,UK38649,UK38903,UK39055,UK39266,UK39313,UK39848,UK39856,UK39865,UK40132,UK40313,UK40453,UK40489,UK40514,UK40583,UK40590,UK40591,UK40763,UK41106,UK41125,UK41158,UK41230,UK41237,UK41350,UK41360,UK41461,UK42019,UK42159,UK42163,UK42392,UK42395,UK42575,UK42587,UK42616,UK42618,UK42743,UK42918,UK42970,UK43350</p> <p><u>GDPS V3.5</u> UK37833,UK37834,UK37845,UK38679,UK39056,UK39276,UK39317,UK39592,UK39869,UK40044,UK40104,UK40205,UK40314,UK40381,UK40382,UK40496,UK40585,UK40615,UK40616,UK40693,UK41108,UK41109,UK41110,UK41165,UK41231,UK41353,UK41361,UK41466,UK41646,UK41647,UK41648,UK41688,UK42022,UK42156,UK42200,UK42394,UK42403,UK42527,UK42566,UK42567,UK42568,UK42576,UK42588,UK42617,UK42621,UK42739,UK42742,UK42744,UK42919,UK42978,UK43062,UK43063,UK43369</p>
<p>IBM Tivoli OMEGAMON</p> <ul style="list-style-type: none"> - IBM Tivoli Monitoring Services on z/OS V6.2.0 - IBM OMEGAMON z/OS Management Console V4.1.0 - IBM Tivoli OMEGAMON XE for CICS on z/OS V4.1.0 - IBM Tivoli OMEGAMON XE for CICS Transaction Gateway on z/OS V4.1.0 - IBM Tivoli OMEGAMON XE for 	<p>All service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009.</p>

Consolidated Service Test



<p>DB2 Performance Expert on z/OS V4.1.0</p> <ul style="list-style-type: none"> - IBM Tivoli OMEGAMON XE for IMS on z/OS V4.1.0 - IBM Tivoli OMEGAMON XE for Mainframe Networks V4.1.0 - IBM Tivoli OMEGAMON XE for Storage on z/OS V4.1.0 - IBM Tivoli OMEGAMON XE on z/OS V4.1.0 <p>- IBM Tivoli Monitoring Services on z/OS V6.1.0</p> <ul style="list-style-type: none"> - IBM OMEGAMON z/OS Management Console V1.1.0 - IBM Tivoli OMEGAMON XE for CICS on z/OS V3.1.0 - IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS V3.1.0 - IBM Tivoli OMEGAMON XE for IMS on z/OS V3.1.0 - IBM Tivoli OMEGAMON XE for Mainframe Networks V3.1.0 - IBM Tivoli OMEGAMON XE for Storage on z/OS V3.1.0 - IBM Tivoli OMEGAMON XE on z/OS V3.1.0 	
<ul style="list-style-type: none"> - IMS V9 - IMS V10 - IMS Connect V2.1 	<p>All service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009.</p>
<ul style="list-style-type: none"> - IRLM 2.1 - IRLM 2.2 	<p>All service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009.</p>
<p>IBM DB2 and IMS Tools</p> <p><u>DB2 Tools:</u></p> <ul style="list-style-type: none"> - Administration Tool for z/OS V7.1 and V7.2 - High Performance Unload for z/OS V2.2 and V3.1 - Object Comparison Tool for z/OS V7.1 and V7.2 <p><u>IMS Tools:</u></p> <ul style="list-style-type: none"> - High Performance Fast Path Utilities 3.2 - High Performance Load V2.1 - High Performance Unload V1.1 - High Performance Image Copy V4.1 - Library Integrity Utility V1.1 - High Performance Pointer Checker V2.1 	<p>All service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009.</p>

Consolidated Service Test



<ul style="list-style-type: none"> - High Performance Prefix Resolution V3.1 - IMS Index Builder 2.3 - IMS Performance Analyzer 4.1 - Batch Terminal Simulator 3.1 - IMS HP Fast Path Utilities 2.2 	
<p>JAVA 1.4.2, service level SR12-1 (PTF UK43725)</p> <p>IBM 31-bit SDK for z/OS, Java 2 Technology Edition, V5, service level SR 9 (PTF UK42388)</p> <p>IBM 64-bit SDK for z/OS, Java 2 Technology Edition, V5,, service level SR 9 (PTF UK42387)</p>	<p>All service through the end of February, 2009 not already marked RSU.</p>
<p>WebSphere Application Server for z/OS</p> <ul style="list-style-type: none"> - V6.1.0 service level 6.1.0.22 build level cf220846.13 	<p>WAS V6.1.0 - All service through PTF UK42589</p>
<ul style="list-style-type: none"> - WebSphere MQ V6 - WebSphere MQ V7 	<p>All service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009.</p>
<ul style="list-style-type: none"> - z/OS V1R8 - z/OS V1R9 - z/OS V1R10 	<p>All service through the end of December 2008 not already marked RSU. PE resolution and HIPER/Security/Integrity/Pervasive PTFs and their associated requisites and supersedes through the end of February 2009.</p>

Roll-out of CST1Q09:

IBM recommends that the Customer stage the roll-out of the quarterly recommended service upgrade (RSU) by product on any single system, and not change all the major products (such as z/OS, DB2, IMS, CICS, CTG, DB2 Connect, GDPS, Java, WebSphere MQ, WebSphere Application Server for z/OS, IBM DB2 and IMS Tools and z/OS Problem Determination Tools) all at once. Changing all the major products in a single system simultaneously complicates the tasks of problem diagnosis and back-out, if a severe problem occurs.

Additionally, IBM recommends that the Customer thoroughly test the maintenance level applied, including testing in a parallel sysplex application data sharing environment.

IBM makes this recommendation based on our testing in the environment described in this report. Your environment and applications are likely to differ in numerous ways. Therefore, your results may be different than ours. The Customer must consider their environment, their maintenance philosophy and their production needs in making the final decision on what maintenance to apply, and how you roll this maintenance out in your environment.

Consolidated Service Test



Highlights of CST1Q09

This quarterly CST focused on enhancements to the environment and workloads. This included:

- Additional product(s)
- Additional tool(s)
- Additional product / tool scenarios
- Additional workloads / applications
- Workloads run continuously
- Service applied, as needed

Some highlights follow:

- CICS
 - (Progress Update) General, high availability application : WAS, CTG, CICS, MQ, DB2 workload implementation has been successfully single stream tested.
- IBM DB2 and IMS Tools:
 - DB2 Tools:
 - (Added) High Performance Unload V2.2 was tested with DBV8
 - (Added) High Performance Unload V3.1 was tested with DB2 V8 and V9
 - (Added) Administration Tool for z/OS V7.1 was tested with DB2 V8
 - (Added) Administration Tool for z/OS V7.2 was tested with DB2 V8 and V9
 - (Added) Object Comparison Tool for z/OS V7.1 was tested with DB2 V8
 - (Added) Object Comparison Tool for z/OS V7.2 was tested with DB2 V8 and V9
- IBM Tivoli OMEGAMON
 - (Added) We have installed and are testing the following:
 - IBM OMEGAMON z/OS Management Console V1.1.0 and V4.1.0
 - IBM Tivoli Monitoring Services on z/OS V6.1.0 and V6.2.0
 - IBM Tivoli OMEGAMON XE for CICS on z/OS V3.1.0 and V4.1.0
 - OMEGAMON for CICS
 - OMEGAMON II for CICS (CUA Interface)
 - IBM Tivoli OMEGAMON XE for IMS on z/OS V3.1.0 and V4.1.0
 - OMEGAMON for IMS
 - OMEGAMON II for IMS (CUA Interface)
 - IBM Tivoli OMEGAMON XE for Mainframe Networks V3.1.0 and V4.1.0
 - OMEGAMON II for Mainframe Networks (CUA Interface)
 - IBM Tivoli OMEGAMON XE for Storage on z/OS V3.1.0 and V4.1.0
 - OMEGAMON II for SMS (CUA Interface)
 - IBM Tivoli OMEGAMON XE on z/OS V3.1.0 and V4.1.0
 - OMEGAMON for MVS
 - OMEGAMON II for MVS (CUA Interface)
 - OMEGAMON II for MVS CSA Analyzer
 - OMEGAMON II for MVS Epilog Collector
 - OMEGAMON II for MVS Historical Data Interface
 - OMEGAMON II for MVS Zoom to Epilog
 - IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS V4.1.0
 - IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS V3.1.0

Consolidated Service Test



- (Added) We have installed and will soon begin testing the following:
 - IBM Tivoli OMEGAMON XE for Messaging on z/OS V7.0.0
 - OMEGAMON XE for WebSphere MQ Monitoring
 - OMEGAMON XE for WebSphere MQ Configuration
 - OMEGAMON XE for WebSphere Message Broker Monitoring
 - IBM Tivoli OMEGAMON XE for Messaging on z/OS V6.0.1
 - OMEGAMON XE for WebSphere MQ Monitoring
 - OMEGAMON XE for WebSphere MQ Configuration
 - OMEGAMON XE for WebSphere Message Broker Monitoring

- IMS:
 - (Enhanced) Enabled Sysplex Cascaded Transactions using full function databases in a 4-way IMS OTMA-Shared Queue sysplex environment. The transactions are entering IMS front-end (FE) system via IMS Connect and being processed on IMS back-end (BE) systems.

- WMQ
 - (Added) WMQ V7 with migration and coexistence PTFs. Included with V6 in mixed level queue sharing groups.

- z/OS
 - (In progress) Set up SMF logstream recording per enhancement introduced with z/OS V1R9
 - (Added) Set up STP (Server Time Protocol) on processors in mixed environment with ETR
 - (Completed) White Paper for IBM z/OS® Regular to Large Volume Migration
This paper discusses the Consolidated Service Test experience in migrating data from various 3390 volumes to larger 3390 volumes. Information is provided on techniques to migrate from a direct access storage device (DASD) with smaller source volumes to an enterprise Storage Server® (ESS) device with Large Volume support and z/OS V1R10 Extended Address Volume Support. You can find the white paper at:

<http://www-03.ibm.com/systems/storage/disk/ess/whitepapers.html>

- z/OS Problem Determination Tools (formerly known as eServer zSeries AD Tools)
 - (Added) Application Performance Analyzer Version 9 Release 1
 - (Added) Debug Tool for z/OS Version 9 Release 1
 - (Added) Fault Analyzer Version 9 Release 1
 - (Added) File Manager Version 9 Release 1

- CICS, CTG, DB2, IMS, MQ, WAS and z/OS recovery scenarios performed

Consolidated Service Test



Problems Encountered during CST1Q09:

The APARs listed in the table below represent the problems the CST team encountered during the quarterly test; however, if a problem was encountered and corrected for this recommendation, it will not be listed in the table below. The APARs listed below are either open, or their associated PTFs were not yet available for testing in the CST environment prior to this recommendation.

Customers should verify APAR status through normal means.

Note: Consolidated Service Test does not replace the regular service procedure. If a problem is encountered with product code, you should report the problem to IBM support.

DB2 V8	
PK81384	Abend04E RC00E40311 following AbendB37 on syscopy dataset in a Reorg
PK81404	Abend0C4 in DSNIGTSK+0B28 or DSNIFLWD+07AA during RECOVER Utility Log apply using Fast Log Apply.
DB2 V9	
PK78244	DDF requestor thread deadlocks with itself and will hang indefinitely waiting TLISGLTH latch
PK72190	Abend04E RC00C90101 DSNIBHUN ERQUAL500C or potentially other symptoms in workloads with heavy and concurrent declared global temporary table (DGTT) activity with rollbacks
DFSMS 190	
OA27592	Abend878 memory leak in SMSVSAM address space while activating a new SMS configuration
IMS V9	
PK78344	Abend0C4 from module DFSDAST0 below label TTFP
IMS V10	
PK79204	Abend0C4 from module DFSDAST0 below label TTFP
PK79590	Abend0C4 DBFHGU10 processing cascaded message on IMS after local RRS recycled
MQ V6	
PK80079	Abend0C4 in CQSDMPS recovery routine
MQ V7.0	
PK77094	DOC - The V7.0 migration steps in CSQ45ATB need to be clarified
PK77888	CSQV086E Queue Manager abnormal termination RSN 00D40090
PK79831	Abend5C6 RC00D302F1 in CSQL1GET followed by Abend5C6 RC00D303F1 in CSQL1REL
PK80306	CSQX027E !CSQ1 CSQXREPO unable to get storage RC=00000004 when migrating a V6 Queue Manager to V7
PK81177	Abend0C4 in CSQMMTP1 during shutdown of the queue-manager
PK81280	Abend5C6 RC00C91600 when migrating from WebSphere MQ from V6.0 to V7.0
PK82172	When using certain functions of SDSF, 'NOT AUTHORIZED TO DATA' issued from SDSF

Consolidated Service Test



OMEGAMON XE for DB2	
PK80525	AbendA78 RC10 detected by IGVVSERR+0DCC due to routine SNAPDATA in KO2OSNPB
PK80665	Abend0C4 RC10 in KO2PCTOF
WAS V6.1	
PK82557	z/OS Version 6.1 does not specify that the BBORT61 module is needed for the CTRACE controls to work properly
PK77430	WebSphere MQ Version 7.0 JMS connection factory custom properties, such as PROVIDERVERSION, are not honored if specified in the WebSphere Application Server configuration
WAS V7	
PK77430	It is not possible to pass some customer properties, such as PVER, through to the WebSphere MQ V7.0 JMS client
PK78348	DOC - The migration troubleshooting topic "Troubleshooting migration" that is included in the Version 7.0 Information Center needs to clarify how to set traces.
PK78807	Provide an option in the ZMMT TOOL (or equivalent) that will let you choose the value of BPX_SHAREAS for migration
PK79654	Many changes need to be made to the V7.0 InfoCenter with reference to migration.
PK81285	The Migration Instructions in the zMMT tool do not include the SCLBDLL2 library in the list of system data sets to be in the system link list or link pack area
z/OS V1R10	
OA27745	No POS value on SDSF ST panel for jobs on OUTPUT/HARDCOPY queue
OA28191	Abend0D3 rsn00000013 and Abend0C1 in ATRXMST using sysplex cascaded transaction processing
GDPS 3.4	
PK81613	Intermittent failure to execute HyperSwap PREPARE on all systems in a GDPS plex when DASD status changes to OK.

How is the Customer going to obtain and install the CST1Q09 level of service?

Please proceed to the CST website for the steps involved.

The URL is: <http://www.ibm.com/servers/eserver/zseries/zos/servicetst/>

For Questions and Comments

To submit questions or comments regarding Consolidated Service Test or the CST Web site, please use the feedback form on the CST web site (URL is:

<http://www.ibm.com/servers/eserver/zseries/zos/servicetst/contact.html>)

Consolidated Service Test



Appendix A: Excluded Maintenance

z/OS V1R8
EXCLUDE (UK43799)

z/OS V1R9
EXCLUDEs (UA45573
UK41891
UK43800
UA45773)

z/OS V1R10
EXCLUDEs (UA45574
UK41892
UK43801
UA45774
UA45829)

CICSTS V3.1
EXCLUDEs (UK44093
UK43491)

OMEG4
EXCLUDEs (UA45277
UK44145
UK44253)

DB2 V9
EXCLUDEs (UK42199
UK42795
UK42802
UK42813
UK42817
UK42819
UK42820
UK43030
UK43130
UK43162
UK43588
UK43794
UK42812
UK42816
UK42300)

DB2 V8
EXCLUDEs (UK42198
UK42787
UK42801
UK42818
UK43029)

IMS V910
EXCLUDEs (UK43281
UK43438
UK44234
UK42176)

Consolidated Service Test



IMS V110

EXCLUDEs (UK43280
UK43439
UK43474
UK42410
UK42839
UK44235)