



Statements of direction: z/OS and z/OS.e and accelerated delivery: z990 cryptographic support Web deliverables

Overview

In addition to information provided in Software Announcement 203-131, dated May 13, 2003, and Software Announcement 203-132, dated May 13, 2003, IBM intends to take the following actions for z/OS® (5694-A01) and z/OS.e (5655-G52):

- Remove the following base elements:
 - Distributed Computing Environment (DCE) application support
 - Encina® Toolkit Executive
 - Text search
- Discontinue support for:
 - z/OS Communications Server BIND DNS 4.9.3
 - z/OS Communications Server OROUTED
 - z/OS Communications Server AnyNet®
- Remove Indexed Sequential Access Method (ISAM) and the IEBISAM utility program from Data Facility Storage Management Subsystem (DFSMS)

In a future release of z/OS, IBM intends to certify z/OS (5694-A01) to the Common Criteria Controlled Access Protection Profile (CAPP) at EAL3 and Labeled Security Protection Profile (LSPP) at EAL3+.

To accelerate the delivery of critical encryption technology on the IBM @server zSeries® 990 (z990), changes have been made to the planned availability dates of z990 cryptographic support Web deliverables that were previously announced in Software Announcement 203-131, dated May 13, 2003, and the Trusted Key Entry (TKE) workstation support that was previously announced in Hardware Announcement 103-142, dated May 13, 2003.

Planned availability dates: Refer to the **Statements of general direction** section.

z990 cryptographic support Web deliverables

- **Now available:** z990 cryptographic support Web deliverable for z/OS V1.4, z/OS.e V1.4, and z/OS V1.2; TKE workstation support
- **October 17, 2003:** z990 cryptographic support Web deliverable for z/OS V1.3 and z/OS.e V1.3
- **Fourth quarter 2003:** z990 cryptographic support Web deliverable for OS/390® V2.10

Note: The cryptographic support for z/OS.e is being provided to maintain a consistent code base with z/OS.

You can obtain Web deliverables by visiting:

<http://www.ibm.com/servers/eServer/zseries/zos/downloads>

These statements represent current intentions of IBM. IBM development plans are subject to change or withdrawal without further notice.

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: <http://www.ibm.com>.

Statements of general direction

To help customers plan for their operating environment, IBM is announcing the following statements of direction. These statements apply to both z/OS and z/OS.e unless otherwise indicated.

- Effective with z/OS V1.6, IBM plans to remove the base element, DCE Application Support, from z/OS. DCE application Support facilitated the interaction between DCE clients and CICS® or IMS™ regions. With the continued evolution of technology and accompanying changes in the marketplace, there is no need for this support. If similar function is required, IBM recommends that customers use WebSphere®.

The DCE Base Services element, which provides services for developing and running client/server applications, is planned to continue to ship with z/OS and z/OS.e.

Note: DCE Application Support is not functional and not licensed for use on z/OS.e.

- Effective with z/OS V1.6, IBM plans to remove the base element, Encina Toolkit Executive, from z/OS. Encina Toolkit Executive provided a set of tools for developing client components of distributed transactional applications. Over time, the marketplace has moved to other technologies. This element, an enabler for DCE Application Support, is another obsolete element of z/OS V1.6 and will no longer be provided. There will be no replacement.

Note: Encina Toolkit Executive is not licensed for use with z/OS.e.

- Effective with z/OS V1.6, IBM plans to remove the base element, Text Search. There will be no replacement.
- z/OS V1.6 is planned to be the last release in which z/OS Communications Server will support BIND DNS 4.9.3. After z/OS V1.6, the function will be removed from the product. Customers should implement BIND DNS 9.2.0 as a replacement. BIND DNS 9.2.0 is included in the product beginning with z/OS V1.4. Customers exploiting the Connection Optimization (DNS/WLM) feature of BIND DNS 4.9.3 should investigate alternative solutions, such as the Sysplex Distributor function.
- z/OS V1.6 is planned to be the last release in which z/OS Communications Server will support OROUTED. After z/OS V1.6, the function will be removed from the product. Customers should use OMPROUTE as their dynamic routing daemon.
- In a future release of z/OS Communications Server, support for AnyNet is planned to be discontinued and the function will be removed from the product. Customers may implement Enterprise Extender (EE) as the replacement for AnyNet.
- Due to ISAM's limited functionality and the capabilities of VSAM, particularly VSAM data sets in extended format, z/OS V1.6 is planned to be the last release in which DFSMS ISAM and the utility program, IEBISAM, will be available. IBM has provided the ISAM interface which allows users to run an ISAM program against a VSAM KSDS data set. Details on using this interface and procedures for converting ISAM data sets to VSAM data sets can be found in Appendix E of *Using Data Sets*. The order numbers for editions of this book are as follows:

- SC26-4922, for DFSMS/MVS® (any release)
- SC26-7339, for OS/390 V2.10
- SC26-7410, for z/OS

This interface program is planned to continue to be provided as part of DFSMS and will **not** be discontinued when ISAM is removed from DFSMS.

- In a future release of z/OS, IBM intends to certify z/OS to the Common Criteria Controlled Access Protection Profile (CAPP) at EAL3 and Labeled Security Protection Profile (LSPP) at EAL3+.

Previously announced statements of direction

The following statements of direction were previously announced in Software Announcement 203-131, dated May 13, 2003, and Software Announcement 203-132, dated May 13, 2003.

This action is planned to be effective with z/OS V1.5 and z/OS.e V1.5:

- The application development support (that is, the headers, source, sidedecks, objects, and samples from the Application Support Class and Collection Class libraries) is planned to be withdrawn from the C/C++ Open Class® Library (IOC). Runtime support for IOC is planned to be removed in a future release.

These actions are planned to be effective with z/OS V1.6 and z/OS.e V1.6:

- IBM will modify support for the Euro Monetary symbol. The base locales for the participating European Union (EU) countries will be modified to contain the Euro Monetary Symbol as the default currency symbol. This change will require modifications to customer applications which currently display monetary amounts in **both** the local currency and the Euro. A new modifier called @preeuro is being created to allow applications to continue displaying monetary amounts in the local currency, since the default currency symbol in the affected locales will be the Euro symbol. Existing applications using only the @euro modifier will not be affected.
- The C/C++ ISPF panels which include panels for C/C++ foreground compiles, C/C++ background compiles, and help panels for these compiles, are planned to be removed. The z/OS C/C++ compiler can be invoked through UNIX® System Services, using JCL, and under TSO.
- The Dynamic Link Library (DLL) Rename Utility, part of z/OS Language Environment® Environment, is used to package and redistribute IBM-supplied DLLs with applications. Since OS/390 V1.3, the C/C++ DLLs have been licensed with the OS/390 and z/OS base operating system. Therefore, the DLL Rename Utility is no longer required, and is planned to be removed.
- z/OS Communications Server support for the SMIv1 version of the SNMP IBM MVS™ TCP/IP Enterprise-specific MIB module will be eliminated in z/OS V1.6. After z/OS V1.5, the function will be removed from the product. Support will continue for the SMIv2 version of this MIB module. For customers who want to continue using SMIv1, publicly available tools can be used to convert an SMIv2 MIB module to an SMIv1 MIB module.

This action is planned to be effective in a future release of z/OS and z/OS.e:

- Since z/OS V1.2, the OS/390 V2.10 C/C++ compiler has been shipped in addition to the strategic ISO C/C++ compiler that is also provided with z/OS. This OS/390 V2.10 C/C++ compiler serves as a migration aid to the newest ISO C/C++ compiler. The OS/390 V2.10 C/C++ compiler is planned to be removed from the C/C++ feature leaving only the ISO C/C++ compiler.

The following statements of direction were previously announced in Software Announcement 203-131, dated May 13, 2003.

These actions are planned to be effective with z/OS V1.6 only:

- Language Environment's use of Run Time Library Support (RTLS) will be withdrawn. This function is used primarily in run-time migration. Given the stability and the upward compatibility being provided by the Language Environment run-time library in recent releases of OS/390 and z/OS, this function is no longer required.
- IBM intends to support greater than 16 engines in a single image of z/OS. This support will increase the scale of a single z/OS image by taking advantage of the increased number of engines available on a z990 server.
- IBM intends to provide support for up to 60 logical partitions (LPARs) running z/OS on a single z990.

IBM plans to provide service support for each release of z/OS and z/OS.e for three years following its general availability date. IBM, at its discretion, may choose to leave a release supported for more than three years.

As announced in Software Announcement 903-149, dated August 5, 2003, OS/390 V2.10 (5647-A01) will be withdrawn from service, effective September 30, 2004. In this announcement, IBM also announced that z/OS V1.4 (5694-A01) and z/OS.e V1.4 (5655-G52) will be withdrawn from service, effective March 31, 2007. This extends the service on V1.4 by 18 months beyond the usual three-year service period.

These statements represents current intentions of IBM. IBM development plans are subject to change or withdrawal without further notice.

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