

# **S390 Software**

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## **z/OS 1.7**

Date: 10/26/06

### **ABOUT z/OS**

z/OS® and z/OS.e are designed to deliver world class computing for on demand business, positioning the IBM zSeries® platform as the enterprise data vault and interconnect point for business logic.

z/OS V1.7, further strengthens the zSeries platform with enhancements designed to deliver increased availability of z/OS UNIX® System Services (z/OS UNIX), to support new security standards, and to improve enterprise-wide workload management.

Additional improvements in z/OS V1.7 include function intended to simplify z/OS with the integrated IBM Health Checker for z/OS and Sysplex, to provide enhanced z/OS UNIX file serving, and to provide high availability improvements for TCP/IP in a sysplex.

z/OS V1.7 can help improve security with new Internet Engineering Task Force (IETF) standards that address the interaction of integrated IPsec (IPSec) and Network Address Translation (NAT). A new Dynamic Service Activation function can help provide improved availability for z/OS UNIX, and Unicode Services has also been designed to help provide improved availability.

Networking capabilities will be strengthened in z/OS V1.7. The z/OS Communications Server continues to enhance support for IPv6. Also, file transfers performed by the z/OS FTP client and server in z/OS V1.7 can be further checked for successful completion.

In an Enterprise Workload Manager (EWLM) environment, new interfaces can allow you to measure transaction performance across multiple tiers of a heterogeneous infrastructure. The existing enclave services have been enhanced and are intended to allow middleware applications such as DB2® Distributed Data Facility (DDF) to participate in EWLM with minor changes.

### **PROJECT DATES**

- DOIT Technical Support is currently testing z/OS 1.7 on a test platform (SYS1)
- 11/12/2006 – DOIT Technical Support will test z/OS 1.7 on production systems (SYS2 & SYS3)
- 11/14/2006 – Production implementation date will be announced.