

XML processing eligible for zAAP and zIIP

Exploitation rolled out over time

Workload	Examples	Available	Redirect	Requirements	
z/OS XML System Services, non-validating parsing, – executing in TCB mode	- any SW using z/OS XML System Services parsing in TCB - EXAMPLE : local applications inserting/ saving XML data, and XML table loads on DB2 9	Sept, 2007 (with z/OS V1.9 GA)	100% of z/OS XML System Services parsing - eligible for zAAP	Available with: - z/OS 1.9 - z/OS 1.8 (w/ OA20308) - z/OS 1.7 (w/ OA16303 and OA20308)	DB2 9 New Function Mode
	- select XML Toolkit for z/OS V1.9 parsing workloads	May 2008		C API available with: - z/OS 1.9 - z/OS 1.7 & 1.8 w/ APAR OA18713	XML Toolkit for z/OS V1.9 (5655-J51) with PTFs UA40707 UA40708
	- Enterprise COBOL V4.1, using XMLPARSE (XMLSS) option	Dec, 2007			Enterprise COBOL V4.1 (5655-J51) z/OS V1.7- V1.9 with OA22777
	- Enterprise PL/I V3.8 using PLISAXC built-in subroutine	Oct. 2008			Enterprise PL/I V3.8 (5694-A01) & z/OS R8
	- CICS TS V4.1 for inbound SOAP messages	June 2009			CICS TS V4.1, z/OS V1.9
z/OS XML System Services, non-validating parsing, executing in enclave SRB mode	- DB2 9 inserting/ saving XML data using DRDA via TCP/IP	Sept. 2006 (with GA of z/OS V1.8)	Same % as the zIIP-eligible work (DRDA)	Available with: - z/OS 1.8, - z/OS 1.7 w/ OA16303	DB2 9 New Function Mode
	- any SW (including DB2 9) using z/OS XML System Services in enclave SRB mode	Sept 2008 (w/GA of z/OS V1.10)	100% of z/OS XML System Services parsing eligible for zIIP		z/OS 1.9 and 1.8 (both with APAR OA22035) DB2 9 NFM
z/OS XML System Services with validating parsing, both enclave SRB and TCB modes.	- any SW using z/OS XML System Services validating parsing	Sept 2008 w/GA z/OS V1.10	100% of z/OS XML System Services validating parsing eligible zAAP or zIIP	Available with - z/OS V1.10 - z/OS V1.9 with PTF for APAR A25903	
	- select XML Toolkit for z/OS workloads	Dec 2008 (GA Toolkit 1.10)	TCB mode for zAAP, enclave SRB mode for zIIP		XML Toolkit V1.10
Java-based XML parsing	- applications using Java-based XML parser in IBM SDK - any SW performing XML parsing/ processing in Java	Yes (with availability of zAAP)	100% of Java-based XML parsing eligible for zAAP		Any z/OS, System z processor with zAAP support.