

# **z/OS XML System Services workload eligibility for zAAP and zIIP**



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# 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  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 - Select XML Toolkit for z/OS V1.9 parsing workloads	Sept, 2007 z/OS V1.9	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)  C API available with: - z/OS 1.9 - z/OS 1.7 & 1.8 w/ APAR OA18713	DB2 9 New Function Mode
	- Enterprise COBOL V4.1, using XMLPARSE (XMLSS) option	May 2008			XML Toolkit for z/OS V1.9 (5655-J51) with PTFs UA40707 UA40708
	- Enterprise PL/I V3.8 using PLISAXC built-in subroutine	Dec, 2007			Enterprise COBOL V4.1 (5655-J51) z/OS V1.7- V1.9 with OA22777
	- CICS® TS V4.1 for partial inbound SOAP messages	Oct. 2008			Enterprise PL/I V3.8 (5694-A01) & z/OS R8
z/OS XML System Services  non-validating parsing  enclave SRB mode	- DB2 9 inserting/ saving XML data using DRDA via TCP/IP	Sept. 2006 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 (NFM)
	- Any SW (including DB2 9) using z/OS XML System Services in enclave SRB mode	Sept 2008 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

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Workload	Examples	Available	Redirect	Requirements	
z/OS XML System Services validating parsing	- Select XML Toolkit for z/OS V1.10 workloads	Dec 2008 ( Toolkit 1.10)	TCB mode for zAAP, enclave SRB mode for zIIP	Available with - z/OS V1.10 - z/OS V1.9 with PTF for APAR A25903	XML Toolkit V1.10
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		
	Enterprise COBOL V4.2, using XMLPARSE (XMLSS) option	August 2009			Enterprise COBOL V4.2
	Enterprise PLI 4.1 using PLI and Built-in Function	Sept 2010			Enterprise PLI 4.1
	DB2 10	Oct 2010			DB2 10
Java-based XML parsing	- Applications using Java-based XML parser in IBM SDK - Any SW performing XML parsing/ processing in Java™	Yes	100% of Java-based XML parsing eligible for zAAP		Any z/OS, IBM System z® processor with zAAP support.