

Information Technology Policy

Web Server/Application Server Standards

Number
STD-PLT019A

Effective Date
January xx, 2023

Category
Platform

Supersedes
All Prior Versions

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Scheduled Review
January 2024

1. Purpose

Standards document to [ITP-PLT019, Web Server/Application Server Standards](#) policy.

2. Web Application Server Standards

2.1 Current Standards

These technologies are supported by the current standards and meet the requirements of the architecture. They are recommended for use.

Technology	Platforms	Technology Classification
Oracle WebLogic Application Server	Windows/AIX/Solaris	Current
IBM WebSphere Application Server	All	Current
JBoss Application Server	All	Current
Microsoft Internet Information Services (IIS)	Windows	Current
Apache Tomcat	All	Current
SAP NetWeaver Application Server ¹	All	Current

¹ Current Standard for Enterprise Resource Planning Implementation for Integrated Enterprise System (IES)

2.2 Contain

These technologies no longer meet the requirements of the current architecture and are not recommended for use. They are to be phased out over time. No date has been set for their discontinuance.

Technology	Platforms	Technology Classification
N/A	--	Current

Notes Regarding Contained Products:

- Technologies that are no longer the standard. They will be phased out over time.
- Extensive modifications to these systems require review to determine if newer technology is to be used.
- All products are to be patched in accordance with ITP-SEC041.
- New deployments or installations of these products are not recommended.

2.3 Retire

These technologies are being phased out. Plans shall be developed for their replacement, especially if there is risk involved, such as a lack of vendor support.

Technology	Platforms	Technology Classification
Sun Microsystems Java System Application Server	All	Retire
Oracle Application Server 10g	All	Retire

2.4 Emerging/Research

Emerging technologies have the potential to become current standards. At the present time, they are to be used only in pilot or test environments where they can be evaluated. Use of these technologies is restricted to a limited production mode, and requires approval of a waiver request. Research technologies are less widely accepted, and time will determine if they become a standard.

Technology	Platform	Technology Classification
N/A	--	Emerging/Research

3. Web Information Server Standards

3.1 Current Standards

These technologies are supported by the current standards and meet the requirements of the architecture. They are recommended for use.

Technology	Platforms	Technology Classification
Oracle Application Server OC4J (J2EE) Web Services	All	Current
IBM HTTP Server	Windows/AIX/Solaris	Current
Apache Web server	All	Current
Microsoft Internet Information Services (IIS)	Windows	Current

3.2 Contain

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Technology	Platforms	Technology Classification
N/A	--	Current

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Technology	Platform	Technology Classification
N/A	--	Emerging/Research

This chart contains a history of this publication's revisions.

Version	Date	Purpose of Revision
Original	01/30/2023	<ul style="list-style-type: none">• Base Document• Standards moved from ITP to this new supplemental document• Moved "Sun Microsystems Java System Application Server" and "Oracle Application Server 10g" from contain to retire.• Added "Oracle Application Server OC4J (J2EE) Web Services" to current standards• Moved "Oracle Application Server 10g" from contain to retire.