

SMART CLIENT, DATA STORE, APPLICATION AND ENTERPRISE SERVER BASED ARCHITECTURE

Lesson 07 Portal

PORTAL

- A highly focused page, which highlights a particular subject, company, or activity with a large amount of information in one or more languages

WEB PORTAL

- A focused website, which in addition facilitates
 - application-specific programs
 - services available from a number of websites.
- Services and Apps to PCs as well as mobile devices

WEB PORTAL

- Provides diversified middleware to enable transactions with client device(s) or computing systems

WEB PORTAL

- Provides application-specific programs and personalized capabilities like business transactions to client device(s) or computing systems
- A portal may have parallel page engine (PPE), for example, in 9iAS

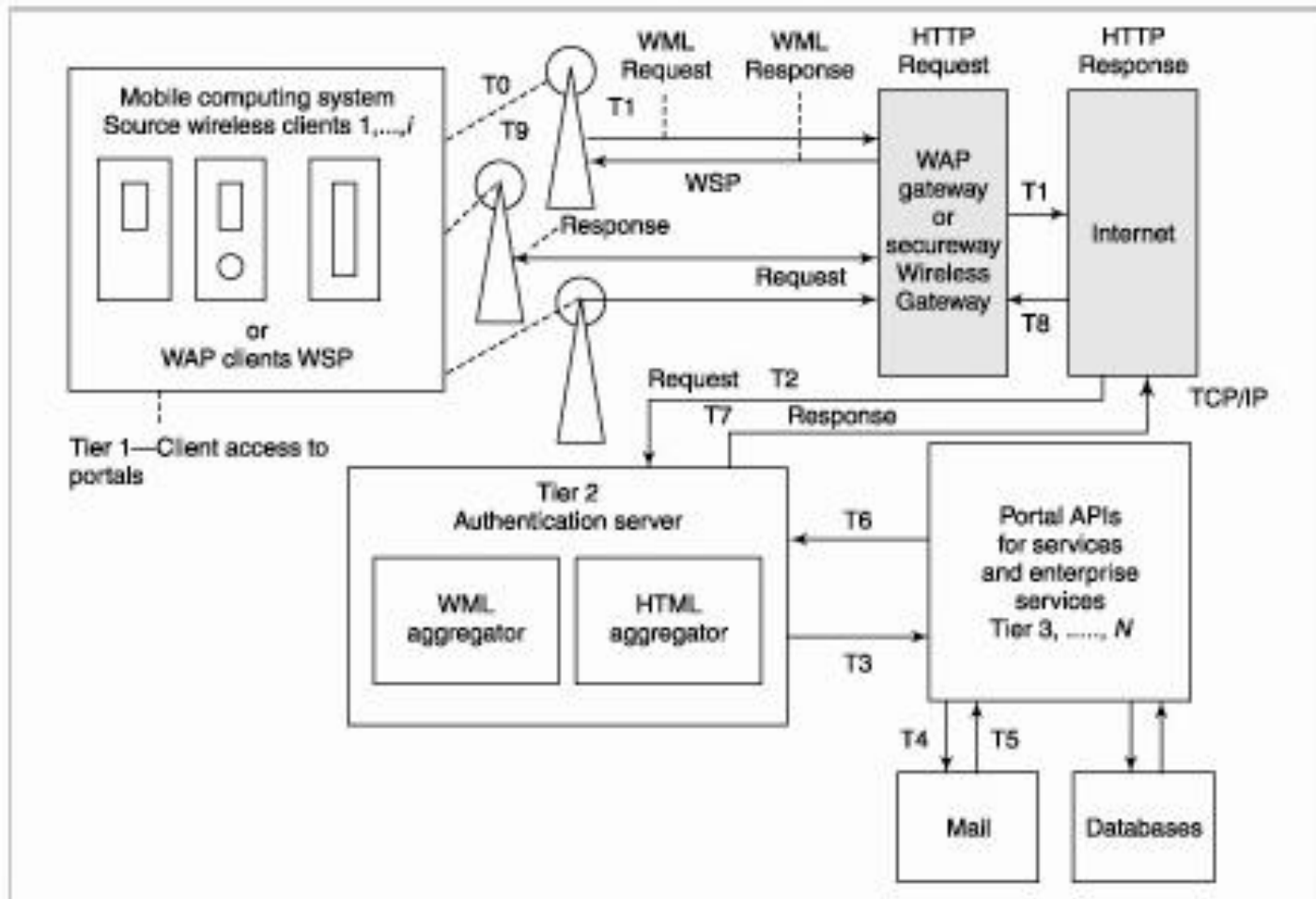
WEB PORTAL

- Has portlets (application-specific small portals), e.g., mail (POP3) portlet
- Provides a path to other content related to the portal personalization criteria and enables running of distributed or collaboration applications

WEB PORTAL

- Collaboration application example—
business transactions through an
enterprise portal

PORTAL BASED CLIENT SERVER ARCHITECTURE FOR MOBILE CLIENTS



PORTAL

- Provides services available from a number of websites
- Enables them using diversified middleware
- Provides services to PCs as well as mobile devices

IBM WEBSPHERE PORTAL

- Provides a software architecture for the applications and business transactions
- Has scalability of any size organization
- Has an extension for voice-based applications

IBM WEBSPHERE PORTAL

- The extension deploys IBM voice tool kit. It gives voice-based access to the IBM WebSphere portal
- Interfaces with Voice Gateway which connects to a network of mobile service providers

WSRP (WEB SERVICES FOR REMOTE PORTLETS)

- Software for content aggregators (e.g., Web portals)
- Accesses and displays content sources which are at remote sites or portals

JAVA PORTLET

- Specifies a contract between the portlet container and portlets
- Programmers deploy JSR (Java Specification Recommendation) 168

SUMMARY

- Portal — a focused website, which in addition facilitates
- Application-specific programs
- Services available from a number of websites.
- Services and Apps to PCs as well as mobile devices

SUMMARY

- Portal enables them using diversified middleware
- Provides services to PCs as well as mobile devices

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End of Lesson 07 Portal