

# Java EE 7: New Features

## Java EE 7 Overview

- List of JSRs (What's New, What's Major Release and What's Updated)
- Pruned technologies - EJB Entity Beans, JAX-RPC 1.1, JAXR 1.0, and JSR-88 1.2
- Web Profile Changes
- New Default Connections for Database and JMS
- Security Descriptor and Deployment Descriptor Changes
- Overview of Common Annotations 1.1. How they consolidate and remove duplicates.

## Developing Java EE Applications Using JAX-RS 2.0 and JSON-P

- New Client API
- JAX-RS Server Side Improvements
- JSON-P (new API)

## Developing Application Using Web Component Enhancements (JSF, JSP, EL, Servlet)

- JSF Changes
- JSP Changes
- EL Changes
- Servlet Changes

## Developing Applications Using WebSocket

- Explain Web Service Limitations
- WebSocket Explained
- Creating WebSockets with Java
- Client-side WebSocket with JavaScript
- Client-side WebSocket with Java

## Implementing EJB, CDI and Bean Validation

- EJB Improvements
- CDI Changes
- Bean Validation Improvements

## Implementing JMS, JPA and Batch

- JMS 2.0
- Batch Applications (new API)
- JPA Improvements