

# **E-CONFIGURATION AND E-MANAGEMENT OF POWER SERVER THROUGH SCALABLE WEB-BASED TECHNOLOGY**

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## **ABSTRACT**

In the recent years and now, the rapid growth of the Internet and World Wide Web in Web technology, composed of Web server and Web browser, becoming almost universal in the enterprise environment. In the meantime, in order to improve the customers' experience, companies are making more efforts to provide scalability and flexibility for their customers who use servers provided by their company. Some of such features are e-configuration and e-management, which allow users to configure and manage their server or network device remotely. In this paper, we present how we can provide a scalable and a flexible e-configuration and e-management for IBM POWER server by make use of Web services based on Web technologies by considering the server's available scarce resources and operational environment to make use efficiently. We also examine and compare with existing POWER server Web based management technology with our choice of WBEM technology using Web services, which is being used for implementing our POWER server configuration and management to make use server's resources efficiently.

**KEYWORDS:** IBM POWER Server, Web Technology, WBEM Technology, Web Services, E-Configuration, E-Management