ABSTRACT

Today middleware technology not only involved in banking sector, it’s using in almost all of organizations and sectors whether it's government or private sector. Main benefit of middleware technologies are, reliability and continuity, and since banking applications are very crucial specially from security point of view so involvement of middleware technology providing great features for the same.

Till today middleware technologies are mostly used in private banks but still many Indian government banks and other semi government banks all over world are using the old technology. Using middleware products and their features like Weblogic it's very easy to upgrade and implement middleware application setup. As I said earlier, security is a major concern in the banking sector, so they need to understand the security constraints and features of this technology to take the benefits of same.

Security is one of the reasons for moving to three-tier architecture for enterprise access, there are many practical security challenges which arise in designing a three-tier-system. These include assuring user authentication, controlling user access, auditing user actions, protecting data security between tiers, limiting privilege of the middle tier, managing identities across tiers, and building scalable systems.

Throughout my research work I have focused, preparing banking setup through the middleware product and securing banking application.

And we can use the complete Fusion middleware technology like SOA for further improvement.