

Mainframe Infrastructure Architect

OBJECTIVE

The mainframe infrastructure architect focuses on the design of infrastructures including servers, storage, workstations, middleware, non-application software, networks and the physical facilities that support the applications and business processes required by the client. The focus area includes critical evaluation and selection of the software and hardware components of the infrastructure. The Architect ensures implementation of best practices. The architect uses various techniques including modeling, simulation, and testing to validate the designs and selected products. Infrastructure Architects are responsible for performance, availability and scalability of the infrastructure.

The mainframe infrastructure architect is also involved in the business side of the solution. They not only provide leadership and quality assurance for the implementation of the solutions, but also are responsible for input into the financial plans (Fall Plan, quarterly forecasts, account budgets). The mainframe architect follows the project from beginning to end, clarifying the solution and assisting with problem determination.

WHAT WILL WE DELIVER

The scope of activities will include any of the following:

- Recommend new technologies to the client
- Teams with client engagements to develop a hardware technical solution
- Teams with service lines to provide efficient delivery
- Provides leadership, guidance and solution for critical mainframe projects
- Develop long-term Technology Plan
- Develop yearly Technical Refresh Plan
- Provides input into financial plans (Fall Plan, Quarterly forecast, Account Budget)
- Develop Architectural deliverables, like, Technical Solution Design, Functional, Non-functional requirements
- Participate in applicable design authority meetings and hosting Mainframe internal design authority meetings
- Drives continuous service improvement programs
- Drives Systems Assurance activities
- LPAR Consolidation, software / hardware optimization

The deliverables will be based on the contracted activities. It could be anything from a “Technology Roadmap” or a “Architecture Decisions“ or a “Software Quality Assurance (SQA)” report or “Capacity Planning report” are a few examples.

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TIME FRAME

SMT Data will assign an Architect onsite on a T & M basis for a specific period depending on the client requirement.

CUSTOMER REQUIREMENTS

The Customer identifies the focus areas and key personnel to be involved in the architectural engagement. It is also important that the required system / sub system performance and accounting data be made available in the required format.