ARCHITECT AND DESIGN SERVICES

Digital transformation and cloud adoption has accelerated the evolution of IT systems globally, resulting in new challenges for network operations (NetOps), security operations (SecOps) and application developers (DevOps) to maintain the security, speed, agility, performance and availability of their applications. Organizations need to constantly retrain teams and rethink organizational structures to support the desired business outcomes.

The technical services team at Tech Data can be of great help in this scenario in facilitating solution definition workshops driven by their expertise with F5 products and services, to help customers at very early stages of adopting or uplifting their F5 products. The interactive workshop with the technical services consultant, who will be a subject matter expert with F5 products will review key design scenarios with the customer's staff, share latest in thought leadership and help adopt industry best practices. The outcome will be artefacts in the form of reports or statement of work (SOW) that will be customized for the customer based on their specific requirements.

Benefits

- **Increase resilience**: The technical services team will help produce a customized solution design based on the customer organization's current and future business requirements that will have resiliency built in.
- **Maximize investment**: Optimize an implementation plan for scalability, performance, and security for application and network services with quicker returns on investment.

- **Achieve alignment**: Envision a holistic and customised solution that aligns business objectives with technical requirements of the organisation.
- **Mitigate risk**: Take advantage of expert knowledge of the technical services consultants to design a robust and high-level solution architecture that greatly reduces risk right from the onset of the F5 adoption or uplift process.

What is involved in architectual design services?

The Solution definition workshop and the artefacts produced as an outcome are intended to mitigate risk, instill confidence, and help the customer move forward with an improved application environment that enables them to achieve their desired business goals. The below stages are involved in the process.

Prepare The consultant from the technical services team will work with the customer's team to gather information about their current architecture, help identify the appropriate people within the organization to participate in the workshop, and help enlist the information that will be required for a productive workshop. The preparation phase will ensure avoidance of future wastage of time and effort.

Analyze and design This involves Analyzing existing solutions and designing future state architecture. Working as a team, workshop participants will interactively discuss the existing and future solution architecture, taking into account the business requirements and goals, current pain points, design constraints and issues, current architecture, and challenges—and identify the solution's technical requirements. The workshop team will engage in a practical design session with various members of the customer's organization to explore potential future solution architecture.

The solution will address existing challenges and constraints and include recommended design patterns, best practices, business goals, and technical requirements— and validate that future-state architecture is within identified business constraints. The workshop team will evaluate the design options and recommended solutions against dependencies, assumptions, and risks. They will also identify issues that exist within the business that may limit or extend the ability of the design options to meet the designated business goals and requirements.

Plan This stage plans for the practical roll out of the solution. The Tech data technical services team will lead a discussion to determine the best approach for transitioning from the existing architecture to the future-state architecture. This discussion including all key stake holders will aid in identifying the optimum plan to match the customer's business requirements by discussing suggested hardware or software and assessing risks, assumptions, service impacts, operational considerations, and governance requirements.

Report Following the onsite Solution Definition Workshop activities, the Tech data technical services team will present a summary report which details the workshop findings, solution considerations, high-level solution architecture, and proposed next steps. This report also highlights any prerequisite work and associated required activities, including product certification, other project dependencies, training requirements, business notification, and preparation. After completion of the Solution Definition Workshop, the technical services team can also draft and submit a fully customized Statement of Work (SOW) to assist the customer with implementing the proposed architecture.

The Solution Definition Workshop is intended to mitigate risk, instill confidence, and help the customer move forward with an improved application environment that enables them to achieve their desired business goals.

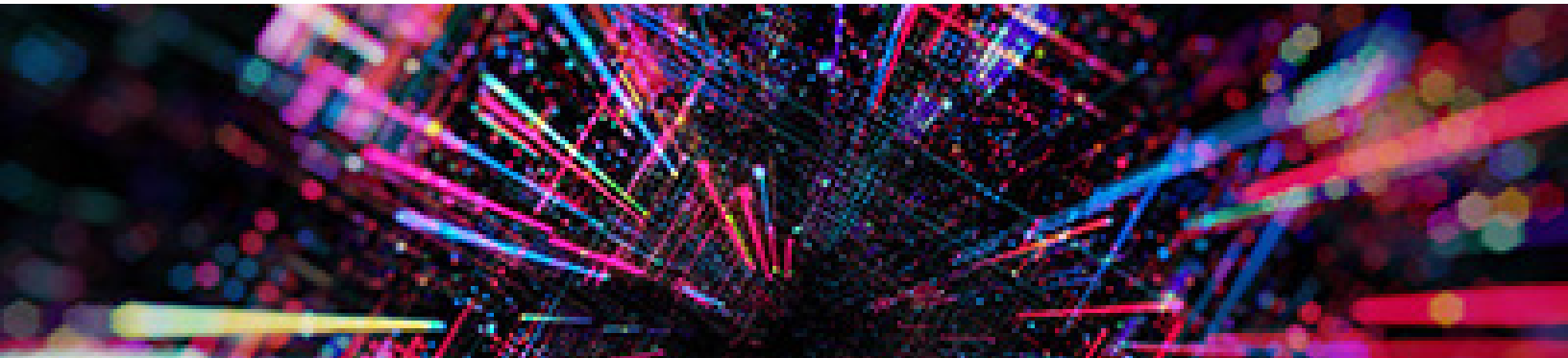## For more information on F5 Technical Services Contact

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