ASSESSMENT & OPTIMISATION SERVICES

Businesses evolve every day. Infrastructure can be strained by the changing network traffic due to numerous reasons like deployment of new applications and technology, data centre consolidation or migrations to cloud. A proactive assessment of the F5 products deployed can give more confidence to the customer that their system configuration can accommodate what is coming up in the future. It also assures them that their current set up is performing at an optimal level, bringing value to their investment on F5 products. In case it is not, the team can help optimize the deployment so that it gets to the desired levels.

The result of the optimization and assessment service is an action plan designed to boost the F5 product performance, strengthen security, and increase availability.

Benefits

- **Ensure F5 infrastructure availability**: Minimize downtime by identifying and proactively addressing potential issues before they materialize.

- **Optimize performance**: Improve application access and throughput by adopting best configuration practices.

- **Maintain pace with technology**: F5 releases new product features that could provide functionalities more beneficial to the network and business. The service can identify these for the customer and help them take advantage of these in a timely manner.
- **Maximize the investment**: Find available F5 resources that support your ongoing system health, growth, and optimal configuration.

What is involved in assessment and optimisation services?

This is a four-phase health check designed to evaluate the existing BIG-IP infrastructure, identify improvement opportunities, and provide recommendations for enhancements.

1. Plan - A qualified consultant works with the customer to understand their goals, flag deployment dependencies, capture device details, and to set a solid foundation for the analysis.

2. Analyse - Network configuration is assessed with a comprehensive review of infrastructure characteristics in five categories:
- Operating system—including hotfix level and consistency within products and across BIG-IP device high-availability (HA) pairs.
- Architecture—including virtual servers, pools, network address translation, and address resolution protocol (ARP) settings.
- Security—including password policy, authentication methods, network forwarding.
- Availability—including fail-over, mirroring, HA configuration, health monitors, and backup policies.
- Performance—including CPU performance graphs, memory consumption, and throughput.

3. Report - The consultant will consolidate the results from the analyze phase and write a report detailing the findings.

4. Review - As the final step of the proactive assessment service, the consultant reviews the report findings with the customer, focusing on configuration changes that will boost network performance, strengthen security, and increase availability. The consultant provides education on how to open support cases and take advantage of F5 self-service tools, including BIG-IP® iHealth® and the AskF5™ Knowledge Base. As a result, the customer be fully prepared to manage and optimize the health of your F5 investment.

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