Splunk Optimization Check
Advancing the Health and Scalability of Your Environment

A Splunk Professional Services Optimization Check is an offering designed to provide a comprehensive review of your Splunk environment to ensure your deployment remains sustainable, stable and ready to scale.

Optimization Check Offering

As you onboard data and users into your Splunk environment, it's valuable to look under the hood to ensure your searches and dashboards are still operating at peak performance. Whether you are preparing for an upgrade, re-architecture, scale-out, or are simply not seeing the speed you expect of searches and dashboards, this offering can help. This offering includes a review of architecture, configurations, knowledge objects, data governance and use cases. Leveraging best practices, our Splunk experts will ensure your users and administrators receive the experience they expect from your Splunk deployment.

Optimization Check Benefits

- **Thorough technical review:** The Splunk Optimization Check provides a thorough understanding of the current effectiveness of your Splunk investment.

- **Review user behavior:** Review user activity and search patterns to locate opportunities for improvement.

- **Review data onboarding:** Review data onboarding for structural issues related to date parsing, line breaking, field extractions and others.

- **Proactively identify issues:** Build a process framework for proactively identifying issues as they arise.

- **Collaborate with Splunk experts on best practices:** A Splunk professional services expert will collaborate with Splunk administrators every step of the way to ensure best practices are in place.

This Offering Includes

- **Discovery:** An account review and discussion of the current environment, indexing volume, data sources, architecture, primary use cases and any outstanding issues.

- **Diagnostics:** Configuration and monitoring of the Management Console (MC) to conduct the assessment.

- **Architecture review:** Thoroughly review and document all Splunk instances, configurations, hardware specifications and OS settings to ensure they adhere to Splunk best practices.

- **Server configuration:** Review Splunk resource utilization, instance and application configuration consistency, deployment server configuration, and internal error analysis.

- **Data lifecycle inspection:**

    - **Collect** - Validate that data is being collected and processed at the forwarder tier efficiently in accordance with Splunk PS best practices.

    - **Index -** Review indexing performance, index sizing and storage retention settings.

    - **Search -** Audit long running and inefficient searches and provide search optimizations.

- **Optimization techniques:** Provide optimization techniques on data onboarding, searching, dashboards, application deployment and general best practices.

- **Inventory review:** Review of inventory for dashboards, saved searches and reports to quickly identify unused knowledge objects and content.

- **Security review:** Review of security settings, authentication, role-based access controls and Splunk role capabilities.

- **Executive presentation - Next steps:** Splunk provides an executive presentation and detailed report to outline our findings, rationalize our recommendations and illustrate a sequence of initiatives for customers to execute to ensure their environment is performant and ready to scale.

- **Duration:** one week.

Outcomes

The Splunk Optimization Check will provide the following benefits to the Customer:

Activity	Included
Review of Splunk Architecture and Configurations (Indexers, Search Heads, configuration points)	✔
High-Level Performance Assessment (Splunk performance metrics, slow or skipped searches, bottlenecks)	✔
Deep-dive Assessment of Data Sources • Input configurations (timestamping, event breaks, metadata) • Field Extractions, Lookups, KV Store, and Data Models • Check for data gaps, broken events, and incorrectly indexed data	✔
Audit of Deployed Apps / Technical Addons and their configuration	✔
Audit existing searches to identify inefficient searches and provide recommendations	✔
Review search and indexing capacity against current and projected requirements	✔
Review known or identified environmental, performance, or stability issues	✔
Identify any features that could be utilized to optimize the Customer's experience	✔
Review an agreed subset of existing dashboards - provide Customer with feedback and best practices	✔
Audit data retention and security settings, reviewing data source ownership and permissions in place	✔

Target Customer Attributes

The Splunk Professional Services Optimization Check offering is designed for customers who have already deployed a functional Splunk infrastructure and are seeking an assessment and recommendations on maturity, scalability and overall health.

This Professional Services offering is designed for customers with the following attributes:

• Customers who have complex single or multisite distributed architectures with high availability or disaster recovery requirements.

• Customers seeking best practices related to architecture, data onboarding, application management and searching.

• Customers who want to gain additional insight into the overall health of their environment and how to best manage it.

• Customer seeking to gain recommendations on scaling their environment.

Splunk Professional Services

We are here to help customers to get the most out of their Splunk deployments. Our services are backed by Splunk experts, who provide consistent and quality service delivery, architecture guidance, training and ongoing support.

We only exist to get customers to valuable outcomes with their machine data – faster than they could on their own.

Free Online Sandbox. Get access to a free, personal environment provisioned in the cloud where you can immediately try and experience the power of Splunk IT Service Intelligence. After the initial trial period, or any time before then, you can convert to an Enterprise license by **contacting sales**.

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