SharePlex Health Check

Description

A health check for SharePlex for Oracle focuses on ensuring that your current configurations and replication performance are within optimal range for your environment by validating the amount of data being replicated, how well it is being processed on the target host(s), and whether or not there is any need for improvement.
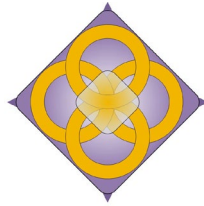
Duration

- Up to 16 hours of total Consulting effort
- Up to 2 hours of Project Coordination

Overview

Scripts will be provided to pull relevant data from up to 10 instances of Shareplex in your existing environment for offline review.

After performance data has been collected, the Consultant will review and document the environment in its current state, as well evaluating the following aspects of your configuration:

- Determine quantity of ports configured

- Identify any Custom parameters currently in effect for all ports

- Identify any unresolved errors or issues logged by Shareplex

- Provide guidance on Best Practice parameter settings for current and future SharePlex instances in order to get the highest possible throughput on replication

- Validate that maintenance tasks are archiving compare and event logs for all ports

- Provide recommendations for running proactive comparison scripts that start SharePlex compare/repair jobs

- Check for any orphaned processes accumulating on the servers

- Document any unresolved performance issues that are identified during the performance of above listed services, and provide to Customer for review and follow up

- Recommend version updates or upgrades as appropriate

- Diagram the SharePlex configuration and data flow

Tuning recommendations may include increasing hardware capacity, ports, queues, network throughput, or other external factors, dependent upon results of discovery and monitoring.

Upon completion of the collection of data and document creation, the Consultant will meet with the customer to present the findings and recommendations. Customer may choose to implement any changes without the assistance of our resources, or under a separate agreement we can contract implement any or all of the recommendations.

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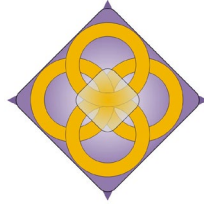# SharePlex Health Check Advanced (Add-on – SharePlex Manger)

Description

This offering includes all the standard requirements for a SharePlex Health Check (above), with the added value of SharePlex Manager, a web-based GUI for Shareplex monitoring that is built off of the Foglight infrastructure. It can be installed as a standalone product without additional licensing. It can be installed as part of this review for an additional 8 hours of scheduled time.

Separate hardware is required to run Shareplex Manager. An available virtual or physical Windows or Linux server will be needed for install. The default imbedded database will be configured for this effort.

The server would need to be available before the services could be scheduled.

- CPU – 1 quad core or equivalent
- RAM – 4GB
- Storage – 120GB, 10000 RPM hard disk or better
- OS – Windows Server 2008, 2012 or 2016. CentOS Linux 5-7, Oracle Linux 5-7, or Red Hat Linux 5-7

LightSpeed PM

A QUEST PREFERRED PARTER

Duration

All hours are additive to the Health Checks core requirements

- Up to 4 hours of design assessment time
- Up to 4 hours documentation
- Up to 12 hours for implementation and product knowledge transfer
- Up to 4 hours of tuning Rules, Thresholds, and triggers for alerts
- Up to 8 hours of Project Management

Overview

Our Consultant will meet with the Customer to assess all requirements for monitoring, to include sizing requirements for growth and for data retention, and provide a design document outlining:

- Hardware Requirements
- Security requirements
    - Ports to be opened
    - User ID's and their associated permissions
- Unique configurations

Customer will deploy the necessary pre-requisites in advance of scheduling the return of the resource, after which SharePlex Manager will be installed and configured for monitoring SharePlex as well as any other monitoring the customer may with to include for a Proof of Concept (if desired) for Database Performance Monitoring.

Upon completion of configuration, knowledge transfer will be provided on the use of out of the box report, dashboards, and the interface, as well as guidance for best practices for tuning.

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