

At a Glance

Tefilla MAGNet is a next generation unified operations monitoring platform which offers end to end monitoring of entire IT Infrastructure. Critical IT resources, such as servers, routers, switches, firewall and IT assets like desktops, laptops, workstations can be monitored for fault, performance and critical applications. In addition to monitoring, it has an intelligent alerting system which provides email and SMS alerts for device status, correlated event and threshold events.

Customizable dashboards, dynamic network topology and easy to use interface enables you to visually track and monitor network performance at a glance. Tefilla MAGNet is easy to deploy and apply organization's monitoring polices across multiple devices quickly.

Key benefits/results

- Key Monitoring features required for enterprises is covered (mix of Fault, Performance and Application Monitoring)
- Simple to Understand and Implement
- Scalable Platform from Enterprise to Service Provider
- Fully Indigenously developed product
- HCL is flexible to customize (develop) new features based on requirements
- A product by Indian Minds (Mindia)

Key features

- Profile Based system
- Inventory/Event Correlation
- Topographical Network Monitoring
- Report Builder with KPI configuration
- Service/Business based dashboard
- Instantaneous Widget
- Configured Threshold KPI
- Intellectual Notification system
- Asset Mapping
- Alarm Compiler
- Pre/Post formatter
- Static NE Modeling
- Cut through Launcher

Business challenges

Monitoring Network health and efficiency is quite critical in today's IT-enabled business environment. Companies today are working hard to improve the responsiveness and reliability of their network and connected devices to help increase their competitiveness. As business services depend on the network connectivity, it is absolutely crucial for a company's network to be up and running.

Network monitoring and management is the key to providing good customer experiences, driving business processes efficiently, growing revenue and maintaining competitive advantage. Companies are spending a lot of time and resources for their IT Infra Management. HCL understands these challenges faced by the customers and provides its best-in-class tool – Tefilla MAGNet, an autonomic system which manages and monitors any IT Infrastructure.

Solution Overview

Tefilla MAGNet is a Network Management Solution that manages networks in an intelligent way, providing an end-to-end management solution to address the needs of today's organizations. It is a Next Generation Unified Operations Management platform built as a general purpose platform independent engine, applicable across industry verticals and based on best practices for Network Monitoring & Management. The tool continuously monitors health to determine the efficiency of the network, detects isolates and corrects any malfunctions. It also escalates alerts, failures and performance degradations.

Built on modular framework using latest technology, Tefilla MAGNet brings customer's complete IT environment under a unified management solution. It works on the distributed service oriented architecture (SOA) and interacts through various industry specific standards. The tool can also interact with any third party system through proper channel.

Critical differentiators

Tefilla MAGNet is a rapidly deployed solution that requires minimal customization or administration and has the following key features:

Tefilla Fault Management (Tefilla FM):

Tefilla FM is a distributable engine that detects, isolates, and corrects malfunctions in a network. The tool also compensates for environmental changes, and includes maintaining and examining error logs, accepting and acting on error detection notifications, tracing and identifying faults, carrying out sequences of diagnostics tests, correcting faults, reporting error conditions, and localizing and tracing faults by examining and manipulating database information.

Tefilla Performance Management (Tefilla PM):

The main usage of Tefilla PM is to collect RAW data, calculate KPIs and analysis for a period of time to provide better performance monitoring system for the network administrator. Tefilla PM also provides analysis information on physical / logical grouping of Network Elements (NEs) on area-wise, vendor-wise or technology-wise parameters. The tool also provides notification wherever

required when the KPI value crosses the configured threshold.

Tefilla Inventory Management (Tefilla IM):

The goal of Tefilla IM is to monitor Network and system configuration information so that the effects on Network operation of various versions of Hardware and Software elements can be tracked and managed. Each Network device has a variety of version information associated with it. It should also have the ability to customize the system track additional information as the system expands or properties change in the future.

Tefilla Notification Gateway:

Tefilla Notification Gateway collects various escalations from FM, IM and PM and notify/sends using Email, SMS and even connects with any third party system. In addition with profiles based notification system, user can able to notify the alarms, reports etc., instantly. User can configure instant escalation details such as email id and SMS for instant notification.

Tefilla Application Monitor:

Tefilla Applications Monitor manages and monitors (24x7) mission critical business applications and ensures the service quality of the application meets the customer expectation. It

pre-empt the critical issues and alerts IT Management, to take remedial action in time. It also provides performance reports in variety of formats which helps IT management for resource planning well in advance. It ensures high availability and performance of mission critical business applications. Tefilla Application Monitor is collections of plug-ins, which can be plug and play at any point of time. This collection contains database, web server, Application server, mail server, Java application, etc.

Tefilla Network Topology Builder:

Tefilla Network Topology Builder is a user-friendly environment for creating and managing network databases used for schematic network visualization and allow the user to create, configure, customize, and manage the smart model. Intelligence to build a network topology out of the discovered devices automatically simplifies the job of network administrator. Once the topology is discovered automatically, administrator is given the choice of positioning the discovered devices with appropriate backdrop using network topology monitor.

For more information, please visit us at www.hclinfosystems.com or email us at transform@hcl.com

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