ASQ IIS APP Manager

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Abstract— Our project is an enterprise application solution that helps keep any applications up and goes fast any time we use. Remote monitoring checks connection from regional zones and organize whole our global data centers, and agent-less monitoring gathers information from inside each resource—so you can always have the rich information which may possible. If there are Low-latency architecture in your Applications, means you are always the first person to know the problem when your application needs attention—through alerts or our mobile app. Redundant deployment across the data centers starts Cloud Monitoring to continue process the events and send notifications—even if there's an outage. We can change its appearance or features of your information collection, threshold criteria, and notification alerts so that it regularly check its development or progress and sometimes comment on it for your work and any organization.

Key words: Application Monitoring, threshold , CPU Load , Http.

I. INTRODUCTION

IIS App Manager is a software tool that ensures that IIS Web Server's Avalability and performance that is about to happen in a specific way. This tool manually seeks and solves the thing of an web server and gives the meaning to keep apart and find out any abnormalcy or defect proactively.Our solution constantly monitors availability and performance, taking necessary actions when there are some issues with the servers. These actions can be fully customized and automated.

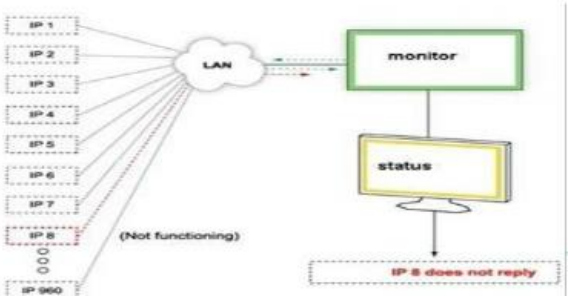

Fig. 1:- Implementation of Asq Iis App Manager

II. EXISTING SYSTEM

IIS App Manager is an in-house application, currently Agility Soft Queries Company utilizing paid, licensed monitoring software tools from HP, remedy etc. These are high cost and cannot be customizable according to our company needs.

III. PROPOSED SYSTEM

Agility Soft Queries overcomes existing system's drawbacks by developing its own in-house application that is IIS Server availability and performance with low cost, high performance and can be customizable according to their client needs.

IV. MODULES

A. Application Monitoring
(1) Service Monitor
(2) Process Monitor
(3) Http URL Monitor
(4) Https URL Monitor

B. Performance Counters
(1) Web Service: Bytes Received/sec Counter
(2) Web Service: Bytes Sent/sec Counter
(3) Web Service: Bytes Total/sec Counter

1) Service Monitor
It describes how we can monitor "private" services and attributes of Windows machines, such as:
- Memory usage
- CPU load
- Service states

2) Process Monitor
Process monitor feature is the feature which enables rule to the monitor and solve process that are runs on the device.

3) HTTP Monitor
This component monitor tests if http port is working then reports the time in every minutes that is configured.

4) HTTPS Monitor
This component monitor tests if https port is working then reports the time in every minutes that is configured.

5) Web Service: Bytes Received/sec Counter
This component monitor counts the number of Bytes Received per second.

6) Web Service: Bytes Sent/sec Counter
This component monitor counts the number of Bytes Sent per second.

7) Web Service: Bytes Total/sec Counter
This component monitor counts the number of Bytes total per second.

V. CONCLUSION

To monitor of an application in productivity may help people to get idea of status of the problem within an application server. At the very low cost monitor gives people ability to find errors and solve them before anybody sees. If any errors are going to happen it is good to find and get it solved.

VI. FUTURE ENHANCEMENT

Project can be further enhanced to
(1) Alerts and threshold
(2) Windows event log monitoring

REFERENCE

[1] Mr. Dharamvir, "A Dynamic En-route Scheme for Filtering False Data Injection in Wireless Sensor Networks" in IJCRD Journals Volume:1,Issue:6

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October – 2013, http://ijcrd.com/files/vol_1_issue_6/111301.pdf.
[1] Computer Networking by author James Kurose and Keith Ross.
[2] Computer Network and Interface by author Furrosion.
[3] www.wikipedia.org
[4] http://www.devdaily.com/java/java-ping-class

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