EventTracker

Actionable Security Intelligence

Monitoring SharePoint 2007/ 2010/ 2013 Server using EventTracker

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Abstract

EventTracker allows you to effectively manage your systems and provides operational efficiencies – reducing IT costs and freeing resources for other duties that increase the business value of your organization. EventTracker's built-in knowledge pack enables you to gather business intelligence providing increased security, performance, availability, and reliability of your systems.

With EventTracker, you can monitor all of your servers running SharePoint from a single view. EventTracker checks the status and availability of SharePoint Servers, critical server processes, and it centrally consolidates all the event logs. Through consolidated logging you can monitor the performance, availability, and security of your servers running SharePoint, alerting you to events that have a direct impact on server availability while filtering out events that require no action. Through alerts, knowledge base solutions, and reports, EventTracker helps you correct problems long before a catastrophic failure occurs. EventTracker also includes reports that allow you to summarize server availability

Scope

The configurations detailed in this guide are consistent with **EventTracker** version 7.X and later, SharePoint 2007/2010/2013.

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Monitoring SharePoint Server

EventTracker allows you to effectively manage your systems and provides operational efficiencies – reducing IT costs and freeing resources for other duties that increase the business value of your organization. EventTracker's built-in knowledge base enables you to gather business intelligence providing increased security, performance, availability, and reliability of your systems.

With EventTracker you can monitor all of your servers running Microsoft Office SharePoint Server from a single view. EventTracker checks the status and availability of SharePoint Server's critical processes and it centrally consolidates all the event logs, Web Server, and Database Server logs. Through consolidated logging you can monitor the performance, availability, and security of your servers running SharePoint, alerting you to events that have a direct impact on server availability while filtering out events that require no action. Through alerts, knowledge base solutions, and reports, EventTracker helps you correct problems long before a catastrophic failure occurs. EventTracker also includes reports that allow you to summarize server availability.

Critical components to be monitored include:

- Monitoring uptime status of 'SharePoint Servers'.
- Monitoring disk and memory problem on 'SharePoint Server'.
- Monitoring 'SharePoint Server' and its dependency component service and related services (Single Sign On, Load Balancer, Launcher and Search, IIS, SQL Server).
- Monitoring 'Microsoft Office SharePoint Server' and related events.
- Monitoring 'SharePoint Audit Trail Integrity'**.
- Monitoring any access control changes done by authorized user or administrator in 'SharePoint Site Collection'**.
- Monitoring any 'Information Management Policy Changes'**.
- Monitoring any item updates in 'SharePoint Site Collection'**.
- Object Changes done in 'SharePoint Site Collection'**.

** Requires **LOGbinder SP** installed and configured to monitor SharePoint sites.

Event Log Consolidation

Based on audit settings, Microsoft logs the necessary audit, availability, and performance events. EventTracker collects all events to a centralized server. Either you can collect all the events or you can filter any events you don't care about. EventTracker Knowledgebase (http://kb.eventtracker.com/) helps you to search for events that can be chosen or filtered from the available repository. All these events are received in real-time and you can configure any event to generate an alert. You can write intensive pattern matching rules using industry standard regular expressions that parse the information within the complex event description or you can create an alert when a sequence of events occurs within a predefined time frame. Once EventTracker consolidates the event logs, you can generate hundreds of reports on various conditions.

To monitor SharePoint Server following things need to be checked:

- Turn on appropriate diagnostics logging on SharePoint Server.
- Install EventTracker agent on SharePoint Servers.
- Enable IIS logging on SharePoint Web Application Server.
- Enabling 'Log File Monitoring' in EventTracker agent.
- Install LOGbinder SP on SharePoint Server.
- Configure 'LOGbinder SP' to export SharePoint audit logs to windows 'Event Viewer'.

Turn on Appropriate Diagnostics Logging on SharePoint Server

To enable diagnostic logging in SharePoint Server you need to be a member of **Farm Administrator's Group**.

Follow the steps given below to add a user in **Farm** administrators group:

1. Login to **SharePoint Server Central Administration** website.
2. Click on **Monitoring**.
3. Click **Diagnostics logging**.
4. Check the **All categories** option,
5. Select **Warning** as the **Least critical event to report to report to the eventlog** from the dropdown.
6. Click **OK**.

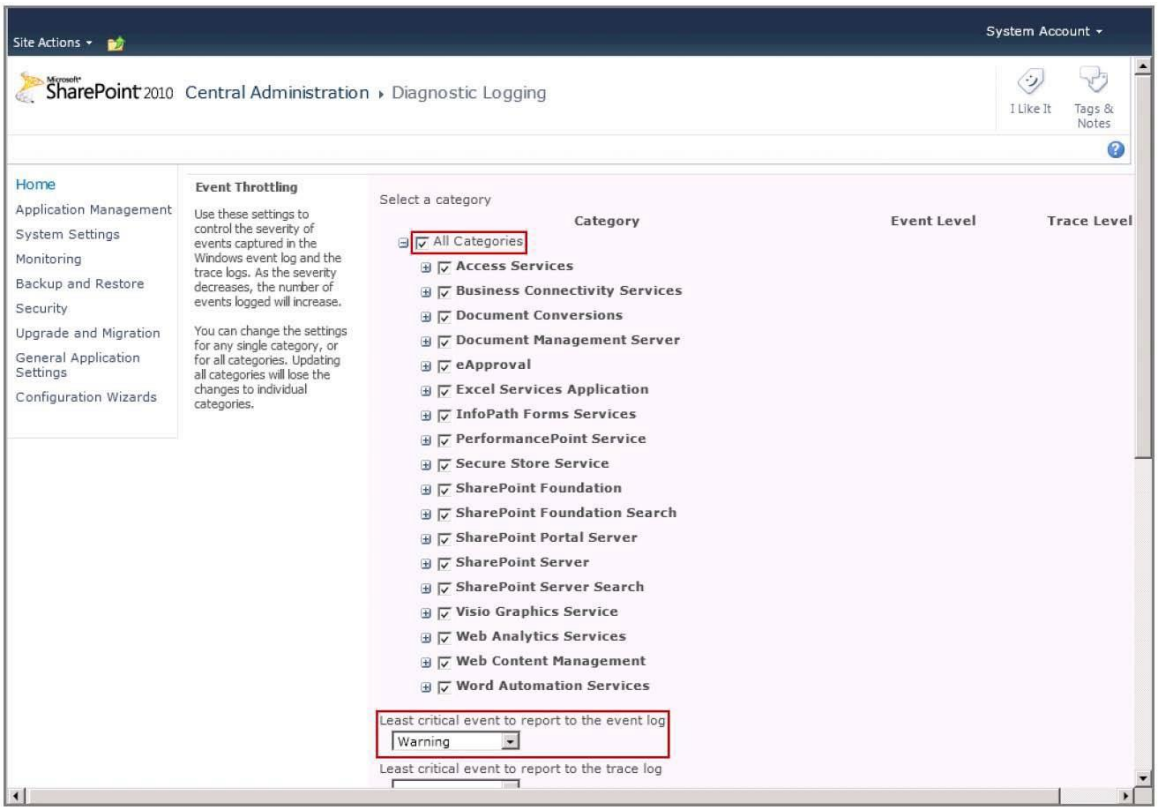

Figure 1

Install EventTracker agent on SharePoint Servers

Installation procedure is identical for Windows XP/Vista/7/2008/2003/2012 systems. To install EventTracker Agent, please refer Agent Deployment Manual.

Enable IIS Logging on SharePoint Web Application Server

IIS logging should be configured properly for **Exchange web access** and **Exchange ActiveSync** usage monitoring.

Configure IIS logging using the steps below:

1. Click Start > All Programs > Administrative Tools > Internet Information Services (IIS) Manager.
2. In the **Connections** pane, navigate to **Default website**, and then click **Logging**.

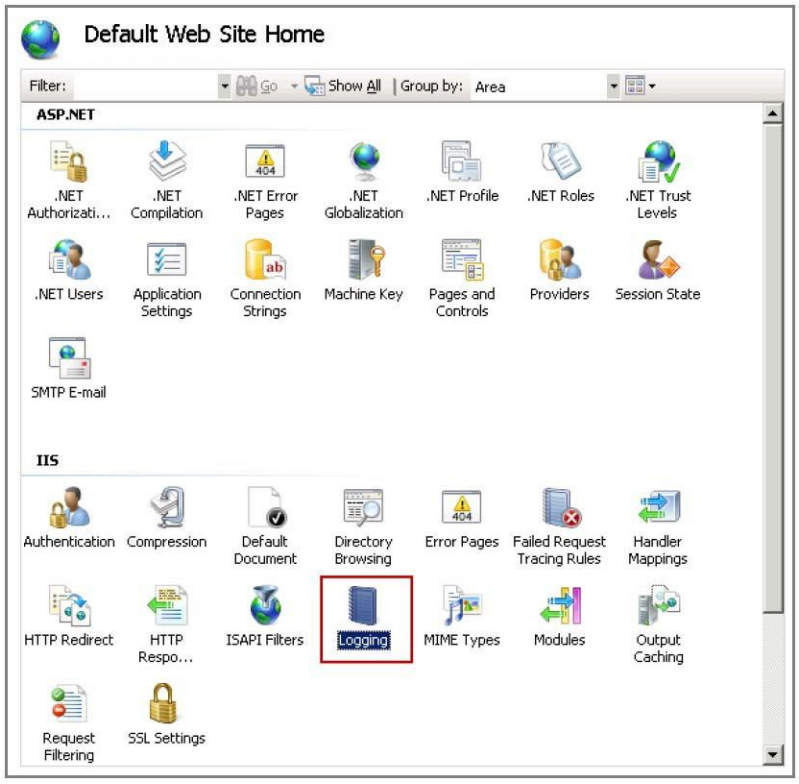

Figure 2

3. Select log file format as **W3C** from **Format** dropdown.
4. Click the **Select Fields** button.
   W3C Logging Fields dialog box appears on the screen.

5. Check all the field options, and then click **OK**.

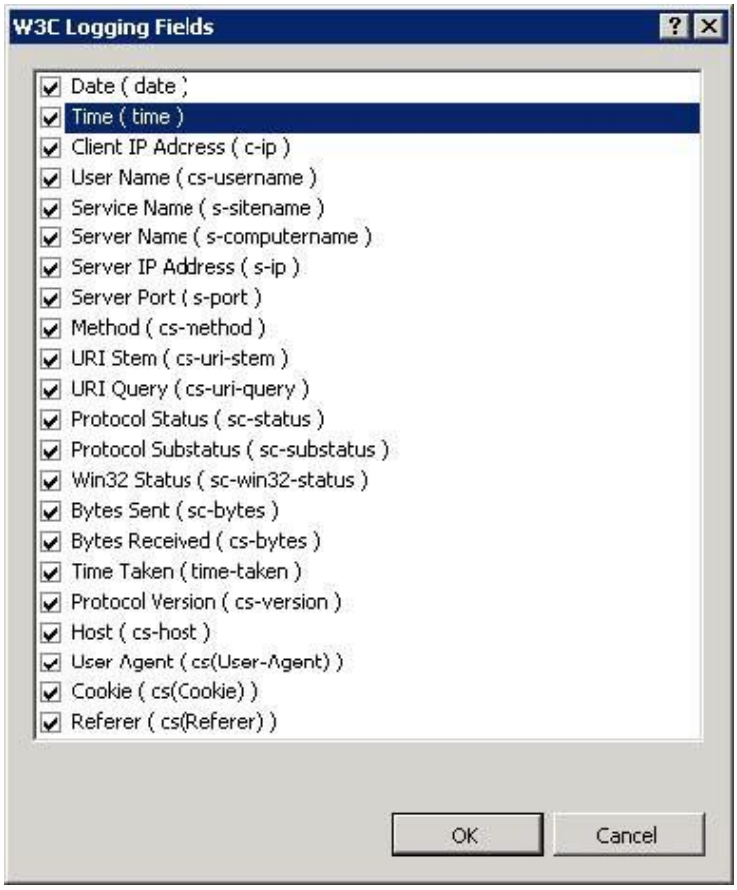

Figure 3

6. In the **Actions** pane, click the **Apply** button

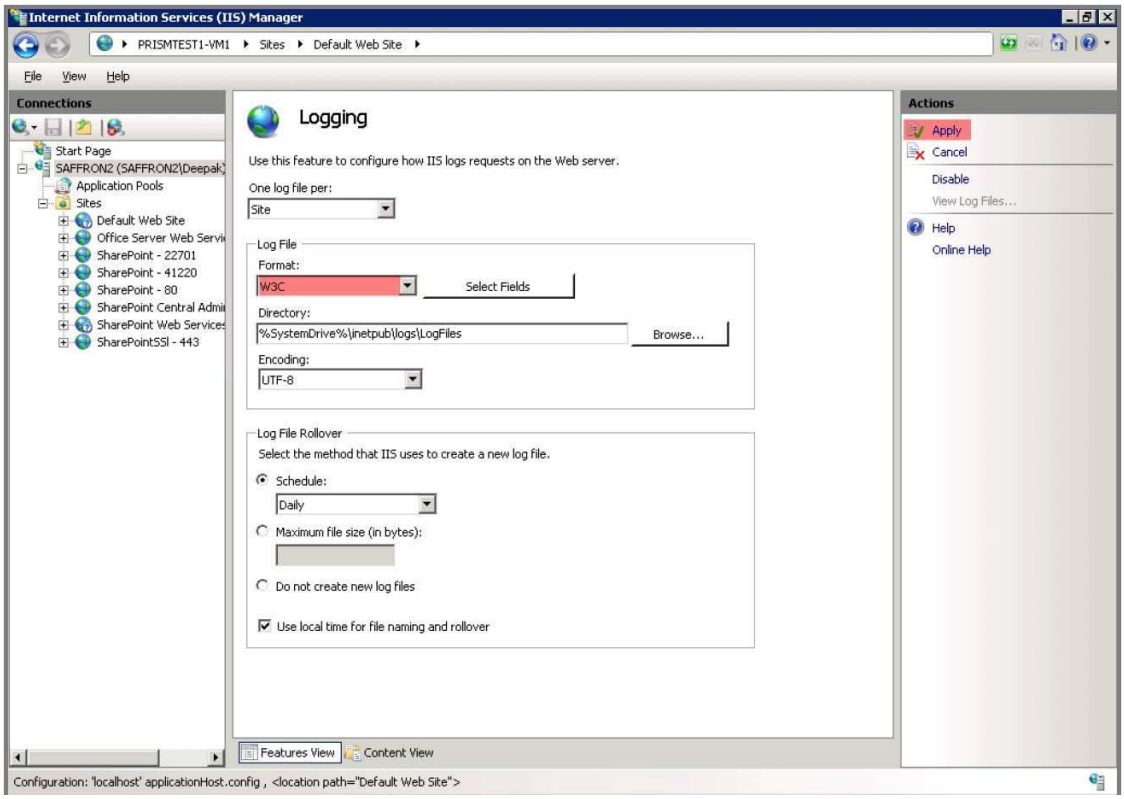

Figure 4

Enabling Log File Monitoring in EventTracker Agent

Logfile monitoring should be enabled for EventTracker agent to start retrieving the events from IIS log.

Follow the steps given below to enable Logfile Monitoring:

1. Open EventTracker Control Panel.
2. Double click **EventTracker Agent Configuration**.
3. In **EventTracker Agent Configuration** dialog box, click the **Logfile Monitor** tab.

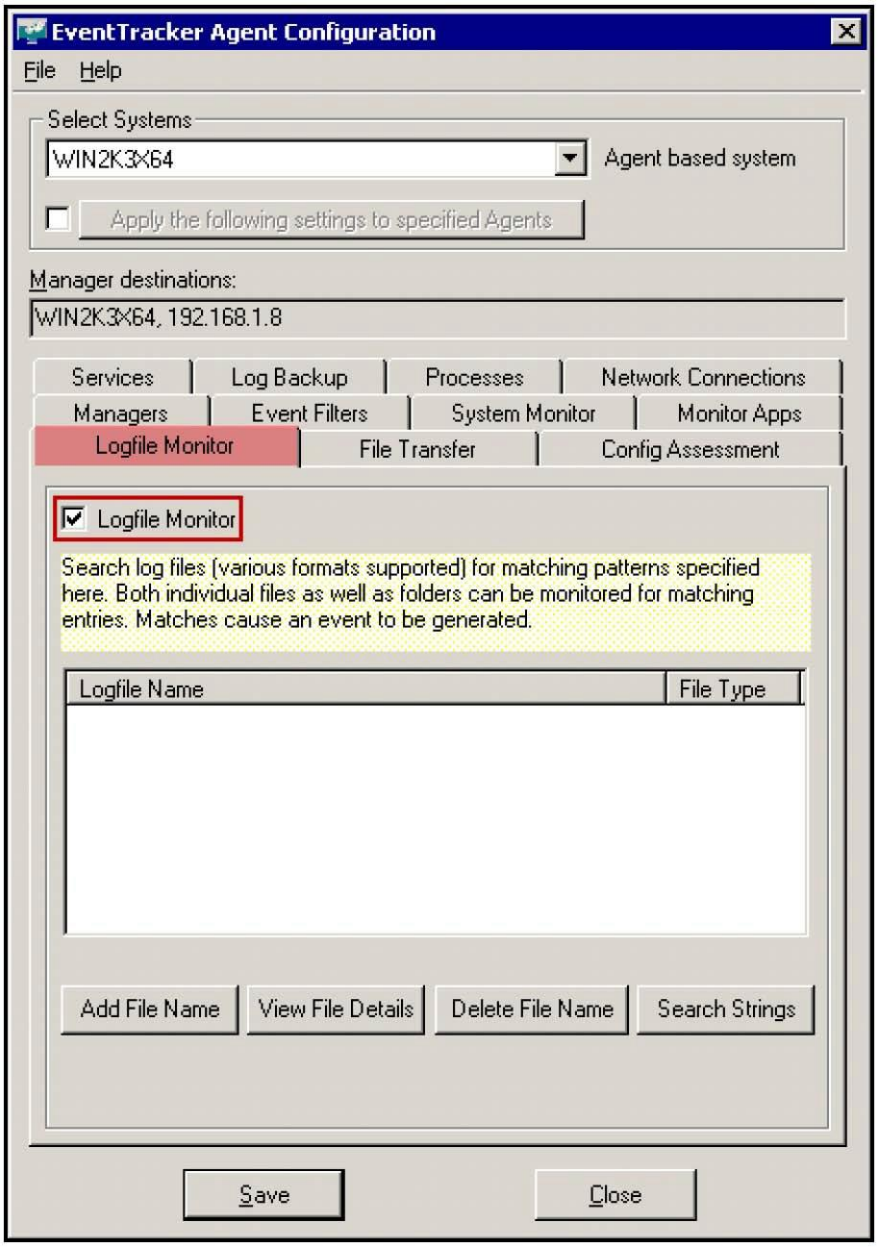

Figure 5: Logfile Monitor

4. Check the **Logfile Monitor** option.
5. Click the **Add File Name** button to add SMTP log that you wish to monitor.
6. In **Enter File name** dialog box, select the **IISW3C** as the 'Log File Type' from the dropdown.
7. Browse or type the path to the SMTP logs, and then click **OK**.

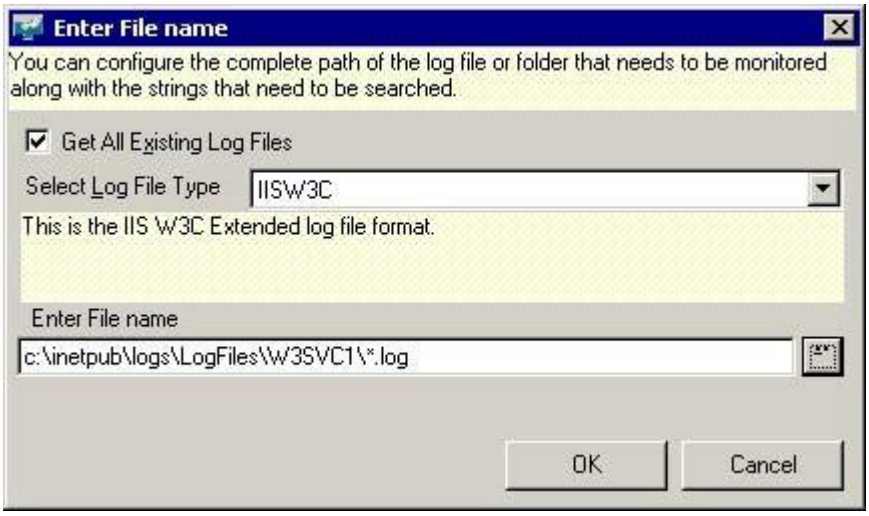

Figure 6: Enter file name

Install 'LOGbinder SP' on SharePoint Server

Visit http://www.logbinder.com/support/LOGbinderSPGettingStartedv3.pdf:

- To install LOGbinder SP on SharePoint server
- To configure 'LOGbinder SP' to export SharePoint audit logs to windows 'Event Viewer'

Monitoring uptime status of SharePoint Server

SharePoint Server 'Uptime' status can be monitored using StatusTracker component available in EventTracker. Following are the components which should be configured in status tracker to monitor the sever status.

- **System availability** – Status tracker alerts when SharePoint Server is not reachable or down.
- **Ports monitoring** - Status Tracker alerts when SharePoint Server ports are not available or down. Following are the ports which should be always up and running.

Protocol	Port	Usage	Comment
TCP	80	http	Client to SharePoint web server traffic (SharePoint – Office Web Apps communication)
TCP	443	https/ssl	Encrypted client to SharePoint web server traffic (Encrypted SharePoint – Office Web Apps communication)
TCP	1433	SQL Server default communication port.	May be configured to use custom port for increased security
UDP	1434	SQL Server default port used to establish connection	May be configured to use custom port for increased security
TCP	445	SQL Server using named pipes	When SQL Server is configured to listen for incoming client connections by using named pipes over a NetBIOS session, SQL Server communicates over TCP port 445
TCP	25	SMTP for e-mail integration	Cannot be configured
TCP	16500-16519	Ports used by the search index component	Intra-farm only Inbound rule Added to Windows firewall by SharePoint
TCP	22233-22236	Ports required for the AppFabric Caching Service	Distributed Cache…
TCP	808	Windows Communication Foundation communication	WCF
TCP	32843	Communication between Web servers and service applications	http (default) To use custom port, see references section
TCP	32844	Communication between Web servers and service applications	https

Protocol	Port	Usage	Comment
TCP	32845	net.tcp binding: TCP 32845 (only if a third party has implemented this option for a service application)	Custom Service Applications
TCP	5725	User Profile Synchronization Service(FIM)	Synchronizing profiles between SharePoint 2013 and Active Directory Domain Services (AD DS) on the server that runs the Forefront Identity Management agent
TCP + UDP	389	User Profile Synchronization Service(FIM)	LDAP Service
TCP + UDP	88	User Profile Synchronization Service(FIM)	Kerberos
TCP + UDP	53	User Profile Synchronization Service(FIM)	DNS
UDP	464	User Profile Service(FIM)	Kerberos change password
TCP	809	Office Web Apps	Intra-farm Office Web Apps communication.

Following are the Knowledge packs available, which can be used for monitoring Exchange server and generating reports on that.

- **EventTracker: StatusTracker resource down** – This predefined alert and category enables you to be alerted and generating reports for resource downtime status when SharePoint Server system or SharePoint services ports are down.

Monitoring Disk and Memory Problem on SharePoint Server

EventTracker agent can be configured to monitor disk space, CPU usage, and memory usage threshold. Once Disk space, Memory usage or CPU usage on SharePoint Server exceeds the threshold limit then it generates warning events.

Following are the Knowledge packs are available in EventTracker which can be used for alerting and reporting.

- **EventTracker: Disk space low**: This event logged by EventTracker when the disk space is below the defined threshold.
- **EventTracker: Runaway processes:** This Event logged by EventTracker when system resource usage by processes cross the configured threshold.
- **System: Disk bad block**: All events related to bad sectors found on Hard Disc.

Monitoring Microsoft Office SharePoint Server services

You can monitor the availability of services used by SharePoint Server and its dependency component. If any of these services are not available – SharePoint Server does not behave properly. EventTracker agent continuously checks the status of Windows services.

SharePoint Server Services 2013	
SharePoint Server Search 15	Performs host deployment and management for SharePoint 2013 search
SharePoint Search Host Controller	Administers and crawls content from repositories
SharePoint Timer Service V4	Sends notifications and performs scheduled tasks for SharePoint 2013
SharePoint Tracing Service V4	Manages trace output
SharePoint User Code Host V4	Executes user code in a sandbox
Document Conversions Launcher	Schedules and initiates document conversions
Document Conversions Load Balancer	Balances the document conversion requests from across the server farm

SharePoint Server Services 2010	
SharePoint 2010 Administration	Performs administrative tasks for SharePoint
SharePoint 2010 Timer	SharePoint 2010 Timer
SharePoint 2010 Tracing	Manages trace output
SharePoint 2010 User Code Host	SharePoint 2010 User Code Host
SharePoint 2010 VSS Writer	SharePoint 2010 VSS Writer
SharePoint Foundation Search V4	Provides full-text indexing and search to SharePoint user and help content.
SharePoint Server Search 14	SharePoint Server Search 14
Document Conversions Launcher for Microsoft SharePoint Server 2010	Manages the Microsoft Exchange Information Store. This includes mailbox databases and public folder databases. If this service is stopped, mailbox databases and public folder databases on this computer are unavailable. If this service is disabled, any service that explicitly depends on it will fail to start.
Document Conversions Load Balancer for Microsoft SharePoint Server 2010	Load Balancer for Microsoft Office Server Document Conversions Services

SharePoint Server Services 2007	
Windows SharePoint Services Administration	Performs administrative tasks for Windows SharePoint Services
Windows SharePoint Services Search	Provides full-text indexing and search to SharePoint user and help content.
Windows SharePoint Services Timer	Sends notifications and performs scheduled tasks for Windows SharePoint Services.
Windows SharePoint Services Tracing	Manages trace output
Windows SharePoint Services VSS Writer	Windows SharePoint Services VSS Writer

IIS Services	
World Wide Web Publishing Service	Provides Web connectivity and administration through the Internet Information Services Manager
IIS Admin Service	Enables this server to administer the IIS metabase. The IIS metabase stores configuration for the SMTP and FTP services. If this service is stopped, the server will be unable to configure SMTP or FTP. If this service is disabled, any services that explicitly depend on it will fail to start.

SQL Services	
MSSQLSERVER	Provides storage, processing and controlled access of data, and rapid transaction processing

Following are the knowledge packs available in EventTracker, which can be used for alerting and reporting.

- **Service Downtime:** This report will provide you the resource downtime status when SharePoint Server system or SharePoint services ports are down
- **Critical service not running:** If any of the SharePoint services are stopped then this alert will notify you the status.

Monitoring Microsoft Office SharePoint Server

You can see events generated by SharePoint Server in EventTracker once EventTracker agent is deployed to SharePoint Servers.

Following are the knowledge packs available in EventTracker which can be used for alerting and reporting.

- **All SharePoint Server events:** All diagnostics events logged by SharePoint Server.
- **SharePoint database activity:** All events logged by SharePoint Server related to database activity.
- **SharePoint office activity:** All events logged by SharePoint Server related to SharePoint search services.
- **SharePoint Policy:** All SharePoint policy events.
- **SharePoint Services:** All SharePoint services related events.

Monitoring SharePoint Audit Trail Integrity**

It is very important to monitor SharePoint audit log integrity. Audit policy changes can result in important security events no longer being recorded in the audit log. Audit log deletion or tempering can be done to hide any user activity in SharePoint.

Following are the knowledge packs available in EventTracker, which can be used for alerting and reporting.

- **LOGbinder SP: Possible audit trail tampering -** This report includes events which could indicate tampering, which could affect the integrity of the audit.
- **LOGbinder SP: SharePoint Audit Logs Deleted-** This report includes information related to SharePoint audit log deletion. Audit logs created before this date have been removed from SharePoint.
- **LOGbinder SP: SharePoint Audit Policy Change-** This report includes changes in Site collection or SharePoint audit policy changes.

LOGbinder SP Sharepoint Audit Trail Setting Changes

Summary Report(s) :

Sharepoint User	Total Event Occured	Event Id(Total Count)
deepak@prismcomm.com	2	11(2)
System Account	1	11(1)
Sharepoint Site	**Total Event Occured**	**Event Id(Total Count)**
http://leo:24956	3	11(3)
Operation Performed	**Total Event Occured**	**Event Id(Total Count)**
Site collection audit policy changed	3	11(3)

Detail Report :

Event Time	Sharepoint User	Sharepoint Site	Operation Performed	Updated configuration
4/16/2012 3:47	deepak@prismcomm.com	http://leo:24956	Site collection audit policy changed	New audt policy: View; Delete; Update; Profile Change; Schema Change; Security Change; Undelete; Copy; Move; Search
4/16/2012 3:47	deepak@prismcomm.com	http://leo:24956	Site collection audit policy changed	New audt policy: Check Out; Check In; View; Delete; Update; Profile Change; Schema Change; Security Change; Undelete; Copy; Move; Search
4/16/2012 3:48	System Account	http://leo:24956	Site collection audit policy changed	New audt policy: Check Out; Check In; View; Delete; Update; Profile Change; Child Delete; Schema Change; Security Change; Undelete; Workflow; Copy; Move; Search

Reports

Monitoring any Access Control changes done by authorized user or administrator in SharePoint Site collection**

It is very important to monitor any access control changes done in SharePoint Server which could result in a user being granted more or less authority to objects in SharePoint. This includes changes to site collection administrators, group changes and object permission changes.

Following are the knowledge packs available in EventTracker which can be used for reporting.

- **LOGbinder SP: SharePoint access control change:** This report includes changes to site collection administrators, group changes and object permission changes.

LOGbinder SP SharePoint Access Control Changes

Summary Report(s) :

Sharepoint User	Total Event Occured	Event Id(Total Count)
deepak@prismcomm.com	17	31(8), 29(2), 38(2), 30(1), 28(1), 27(1), 25(1), 37(1)
System Account	2	27(2)
Sharepoint Site	**Total Event Occured**	**Event Id(Total Count)**
http://leo:24956	19	31(8), 27(3), 29(2), 38(2), 30(1), 28(1), 25(1), 37(1)
Operation Performed	**Total Event Occured**	**Event Id(Total Count)**
Permissions updated	8	31(8)
SharePoint group member added	3	27(3)
Unique permissions created	2	29(2)
SharePoint site collection administrator removed	2	38(2)
Unique permissions removed	1	30(1)
SharePoint site collection administrator added	1	37(1)
SharePoint group member removed	1	28(1)
SharePoint group created	1	25(1)

Detail Report :

Event Time	Sharepoint User	Sharepoint Site	Operation Performed	Updated configuration
4/16/2012 3:49	deepak@prismcomm.com	http://leo:24956	SharePoint site collection administrator removed	Administrator ID: 11 Name: anand
4/16/2012 3:49	deepak@prismcomm.com	http://leo:24956	SharePoint site collection administrator removed	Administrator ID: 8 Name: admin
4/16/2012 3:50	deepak@prismcomm.com	http://leo:24956	SharePoint site collection administrator added	Administrator ID: 23 Name: deepak@prismmicrosys.com
4/16/2012 3:50	System Account	http://leo:24956	SharePoint group member added	Group ID: n/a Name: n/a Member ID: 23 Name: prismmembershipprovider:deepak@prismmicrosys.com
4/16/2012 3:54	System Account	http://leo:24956	SharePoint group member added	Group ID: n/a Name: n/a Member ID: 25 Name: prismmembershipprovider:deepak@prismcomm.com
4/16/2012 3:54	deepak@prismcomm.com	http://leo:24956	SharePoint group created	Group ID: 32 Name: PrismMktg deepak@prismcomm.com

Monitoring any Information Management Policy Changes**

Information management policies enable you to control who can access your organizational information, what they can do with it, and how long to retain it. It is very important to keep track of any changes done in information management policy in SharePoint Server.

Following are the knowledge packs available in EventTracker, which can be used for reporting.

- **LOGbinder SP: SharePoint Information management policy changes**: - This report includes changes to Information management policy changes

Monitoring Item updates done in SharePoint Site Collection**

It is very important to keep track of any changes made by users in SharePoint site collections items (Documents, lists and SharePoint container object updates).

Following are the knowledge packs available in EventTracker, which can be used for reporting.

- **LOGbinder SP: SharePoint container object Update: -** This report includes SharePoint audit events concerning updates to site collections, webs, document libraries and folders
- **LOGbinder SP: SharePoint document update: -** This report lists document level access events except for view events. It includes Document check in, Check out, Document updates and deletion events.
- **LOGbinder SP: SharePoint list update: -** This report lists SharePoint audit events concerning updates to Lists, List Items and deletion.

LOGbinder SP SharePoint Item Updates

Summary Report(s) :

Sharepoint User	Total Event Occured	Event Id(Total Count)
deepak@prismcomm.com	25	43(8), 45(5), 19(3), 44(3), 42(2), 46(2), 13(1), 14(1)
System Account	4	45(2), 44(1), 43(1)
Sharepoint Site	**Total Event Occured**	**Event Id(Total Count)**
http://leo:24956	29	43(9), 45(7), 44(4), 19(3), 42(2), 46(2), 13(1), 14(1)
Operation Performed	**Total Event Occured**	**Event Id(Total Count)**
Document updated	9	43(9)
List item updated	7	45(7)
List updated	4	44(4)
Object deleted	3	19(3)
Folder updated	2	46(2)
Document library updated	2	42(2)
Document checked out	1	14(1)
Document checked in	1	13(1)

Detail Report :

Event Time	Sharepoint User	Sharepoint Site	Operation Performed	Sharepoint Object
				Object URL: _catalogs/users/11_.000 Title: n/a
4/16/2012 3:49	deepak@prismcomm.com	http://leo:24956	List item updated	For more information, see http://logbinder.com/support
				Object URL: _catalogs/users/8_.000 Title: n/a
4/16/2012 3:49	deepak@prismcomm.com	http://leo:24956	List item updated	For more information, see http://logbinder.com/support
				Object URL: _catalogs/users/23_.000 Title: n/a
4/16/2012 3:50	deepak@prismcomm.com	http://leo:24956	List item updated	For more information, see http://logbinder.com/support
				Object URL: _catalogs/users/32_.000 Title: n/a
4/16/2012 3:54	deepak@prismcomm.com	http://leo:24956	List item updated	For more information, see http://logbinder.com/support
				Object Type: Generic List URL: /_catalogs/users/detail.aspx Title: User Information List Description: All people.
4/16/2012 3:54	deepak@prismcomm.com	http://leo:24956	List updated	For more information, see http://logbinder.com/support
				Object URL: _catalogs/users/32_.000 Title: n/a Version: n/a
4/16/2012 3:54	deepak@prismcomm.com	http://leo:24956	Document updated	For more information, see http://logbinder.com/support
				Object URL: Mktgsite/Lists/Team Discussion Version: 1.0
4/16/2012 3:56	deepak@prismcomm.com	http://leo:24956	Folder updated	For more information, see http://logbinder.com/support
				Object URL: Mktgsite/Lists/Calendar Version: 1.0
4/16/2012 3:56	deepak@prismcomm.com	http://leo:24956	Folder updated	For more information, see http://logbinder.com/support
				Object Type: n/a

Monitoring Generic Object Changes done in SharePoint Site Collection**

Following are the knowledge packs available in EventTracker, which can be used for reporting.

- **LOGbinder SP: SharePoint object changes: -** This report lists SharePoint audit events for certain change operations dealing with various object types. It includes Child object deleted, Child object moved, Object copied, Object deleted, Object moved, Object profile changed, SharePoint object structure changed, Object restored, List item updated and Workflow accessed.

LOGBinder SP SharePoint Generic Object Changes

Summary Report(s) :

Sharepoint User	Total Event Occured	Count)
deepak@prismcomm.com	7	15(3), 19(3), 39(1)
Sharepoint Site	**Total Event Occured**	**Count)**
http://leo:24956	7	15(3), 19(3), 39(1)
Operation Performed	**Total Event Occured**	**Count)**
Object deleted	3	19(3)
Child object deleted	3	15(3)
Object restored	1	39(1)

Detail Report :

Event Time	Sharepoint User	Sharepoint Site	Operation Performed	Sharepoint Object
4/16/2012 4:17	deepak@prismcomm.com	http://leo:24956	Child object deleted	Parent Object Type: List Subtype: Document Library URL: /Deepak Doc/Forms/AllItems.aspx Title: Deepak Doc Child Object Type: Document URL: Deepak Doc/PrismMembersPub.zip
4/16/2012 4:17	deepak@prismcomm.com	http://leo:24956	Object deleted	Object Type: Document URL: Deepak Doc/PrismMembersPub.zip Versions deleted: All versions deleted Recycled: Item in end-user Recycle Bin
4/16/2012 4:25	deepak@prismcomm.com	http://leo:24956	Child object deleted	Parent Object Type: List Subtype: Generic List URL: /Lists/Test1list/AllItems.aspx Title: Test1list Child Object Type: List Item URL: Lists/Test1list/1_.000
4/16/2012 4:25	deepak@prismcomm.com	http://leo:24956	Object deleted	Object Type: List Item URL: Lists/Test1list/1_.000 Versions deleted: n/a Recycled: n/a
4/16/2012 4:26	deepak@prismcomm.com	http://leo:24956	Child object deleted	Parent Object Type: Web Subtype: n/a URL: http://leo:24956 Title: SugarInfo Child Object Type: List URL: Lists/Test1list
4/16/2012 4:26	deepak@prismcomm.com	http://leo:24956	Object deleted	Object Type: List URL: Lists/Test1list Versions deleted: All versions deleted Recycled: Item in end-user Recycle Bin

SharePoint Alerts/Categories/Reports in EventTracker

SharePoint Audit Log Alerts in EventTracker

In Incidents dashboard, EventTracker displays the SharePoint incidents that are generated for past 24 hours in the managed systems. **Latest Incidents** pane will list the latest 20 incidents.

If the LOGbinder alerts are activated in the Alerts management page, then those alerts can be seen in the Incident dashboard.

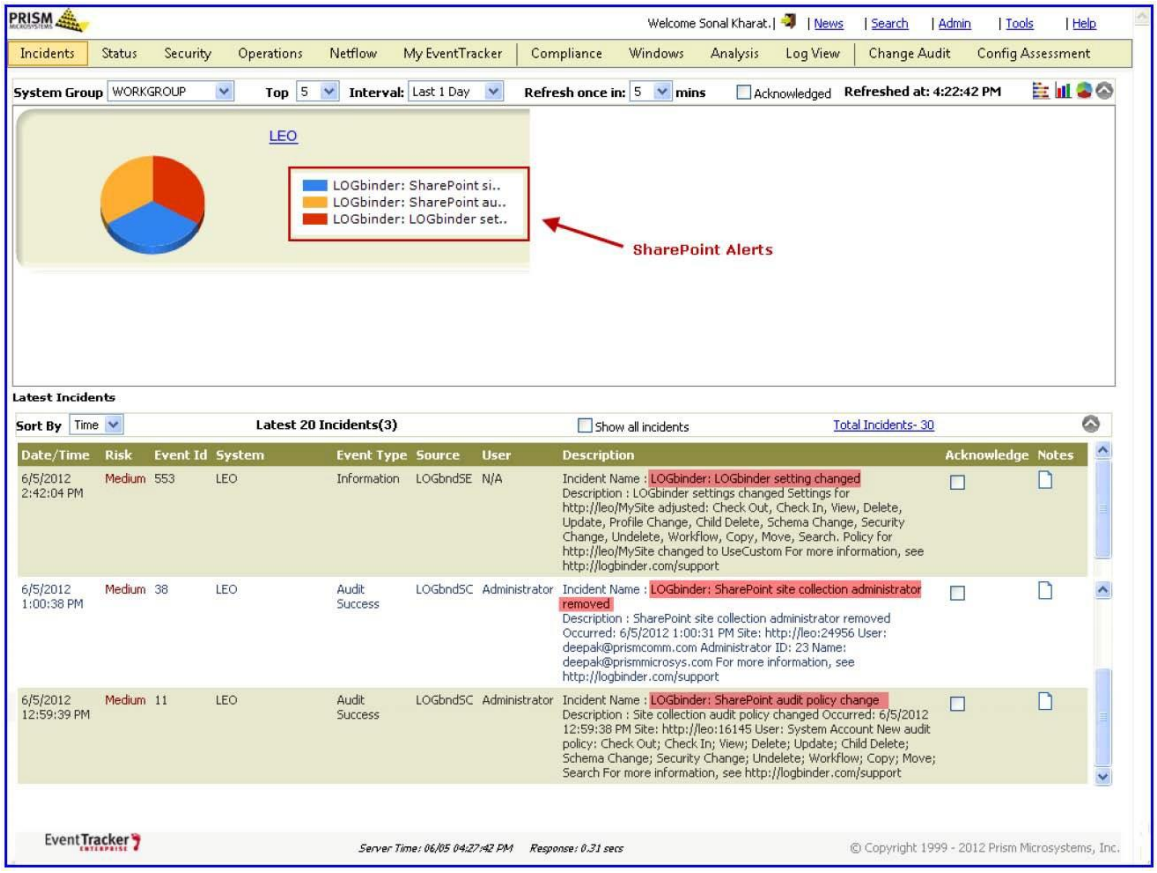

Figure 7

- To view the total incidents occurred on a particular system; click the system name on the 'Incidents dashboard' top pane.
- Click any sector of pie chart/ bar of bar graph on the 'Incidents dashboard' top pane to view details of that particular Incident(s).

EventTracker will display the **Search Incidents** window that shows the detailed search results for the

selected incident.

SharePoint Audit Log Pre-defined Alerts in EventTracker

Following SharePoint alerts are present in the EventTracker **Alert Management** page:

- LOGbinder: LOGbinder setting changed
- LOGbinder: Possible audit trail tampering
- LOGbinder: SharePoint audit logs deleted
- LOGbinder: SharePoint audit policy change
- LOGbinder: SharePoint site collection administrator added
- LOGbinder: SharePoint site collection administrator removed

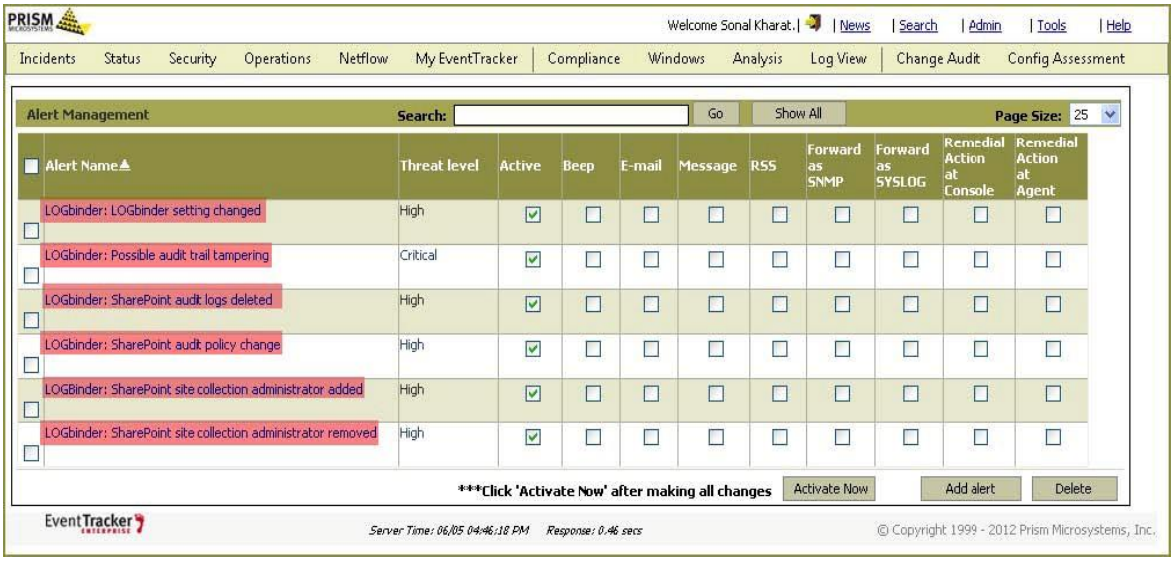

Figure 8

Custom alert(s) can also be added using **Add Alert** button.

SharePoint Audit Log Pre-defined Categories in EventTracker

In EventTracker, LOGbinder categories are grouped under **LOGbinder SP** group.
In **Category Management** page, the last 10 modified categories can be viewed in the right pane.

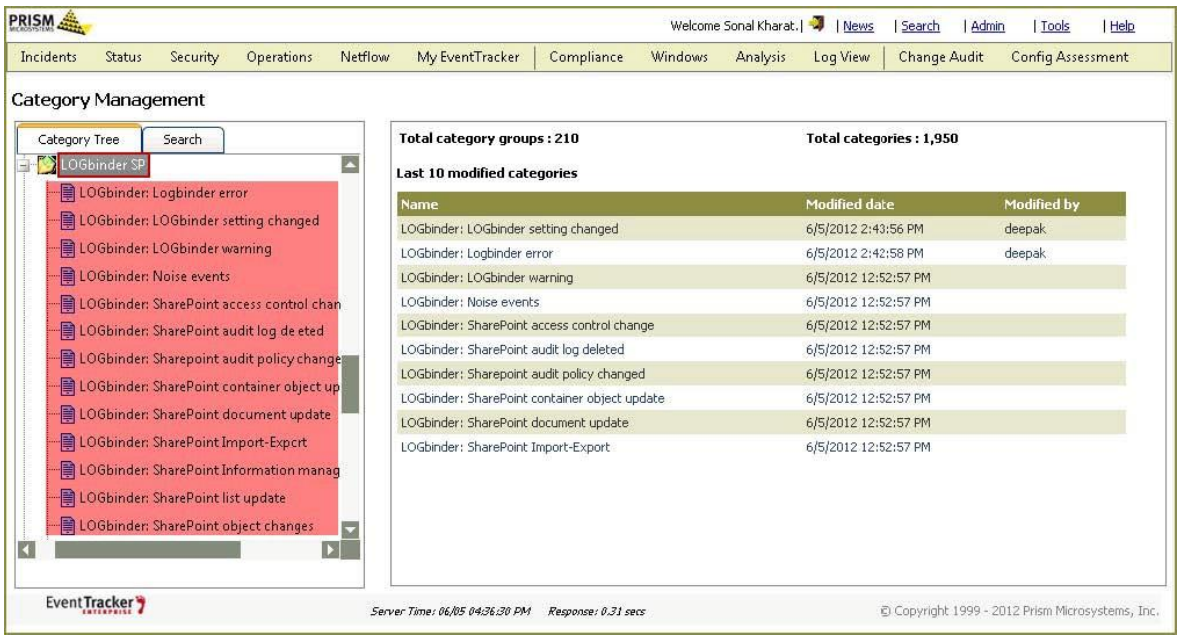

Figure 9

Following predefined categories are present in the EventTracker:

- LOGbinder: LOGbinder error
- LOGbinder: LOGbinder setting changed
- LOGbinder: LOGbinder warning
- LOGbinder: Noise events
- LOGbinder: SharePoint access control change
- LOGbinder: SharePoint audit log deleted
- LOGbinder: SharePoint audit policy changed
- LOGbinder: SharePoint container object update
- LOGbinder: SharePoint document update
- LOGbinder: SharePoint Import-Export
- LOGbinder: SharePoint Information management policy changes
- LOGbinder: SharePoint list update
- LOGbinder: SharePoint object changes
- LOGbinder: SharePoint search events
- LOGbinder: Site collection administrator added
- LOGbinder: Site collection administrator

SharePoint Audit Log Reports in EventTracker

In EventTracker, SharePoint analysis reports can be scheduled for a specific time, executed immediately, or can be queued up for report generation.

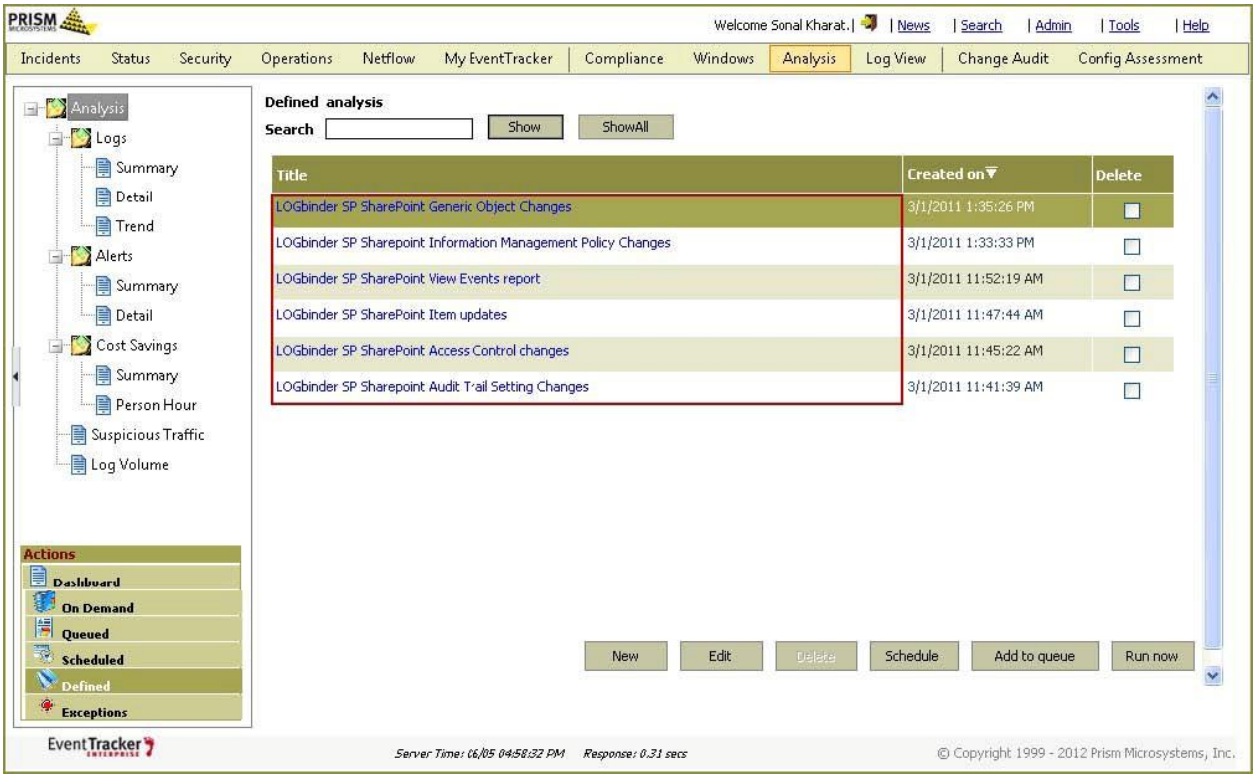

Figure 10