

# PowerBroker Auditor for SQL

Real-time auditing, interactive analysis, alerting and reporting for Microsoft SQL Server

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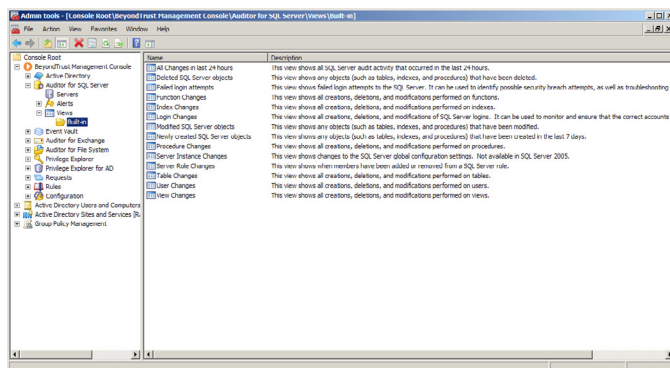
### THE CHALLENGE

Attackers are becoming increasingly sophisticated in an effort to compromise an organization's data, thus the need to audit databases modifications and security is critical. Databases can be high value targets as they host financial, customer, patient, human resource, client, credit card, and various other sensitive information.

Corporate governance drives the need to audit database changes to maintain security, achieve compliance, and improve operational efficiencies. Changes to databases need to be tracked for the integrity, protection and security of the information. Native auditing is difficult to configure, decentralized and also requires significant resources.

### THE SOLUTION

PowerBroker Auditor for SQL tracks and reports on changes made to Microsoft SQL Server configuration and databases down to the table in a centralized audit log. PowerBroker Auditor provides a centralized, real-time audit database for reporting and alerting for compliance and tighter security controls. This powerful solution monitors the SQL Server environment in real-time, tracking the "WHO, WHAT, WHERE, WHEN" for changes and will even show the exact SQL statement issued where applicable.



### KEY BENEFITS

Monitor and review privileged changes to SQL servers configuration, security, and database structure

Comply with regulatory mandates such as GLBA, SOX, HIPAA, and PCI through consistent auditing and reporting

Notification of inappropriate modifications

Tighter security and audit procedures

Reduction of manual labor costs associated with security and compliance reporting

*"The PowerBroker Management Suite is a formidable set of tools for administrators dealing with Microsoft-centric technologies."*

- Craig Burton, KuppingerCole

## COMPREHENSIVE CHANGE MONITORING - WHO, WHAT, WHERE, WHEN

PowerBroker Auditor for SQL captures all the essential information for any modification, including who made the change, what change was made, where it was made and when it occurred. For every applicable event, PowerBroker captures the SQL statement to clearly highlight the change. PowerBroker Auditor for SQL provides interactive analysis with flexible, event type filtering and reporting, enabling administrators to accurately isolate users or programs that may be making undesired changes in your environment.

PowerBroker's advanced change monitoring capabilities helps you ensure that your organization is in compliance with external regulations and internal security initiatives. You can also prove to auditors that corporate policies for compliance have not deviated over time. Its built-in reporting library offers out-of-the box reporting templates, while the custom reporting wizard makes it easy to create custom reports and alerts on any configuration, server and or database changes, including flexible filtering on event types.

With PowerBroker's zero-touch scheduled reporting, you can run reports against the central database and automatically email reports to administrators, security officers, and business data owners. In addition, PowerBroker Auditor for SQL translates all events into plain language that can be easily understood.

### ABOUT BEYONDTRUST

BeyondTrust is a proven leader with more than 25 years of experience. More than half of the companies listed on the Dow Jones, eight of the 10 largest banks, seven of the 10 largest aerospace and defense firms, and six of the 10 largest U.S. pharmaceutical companies rely on BeyondTrust to secure their enterprise.

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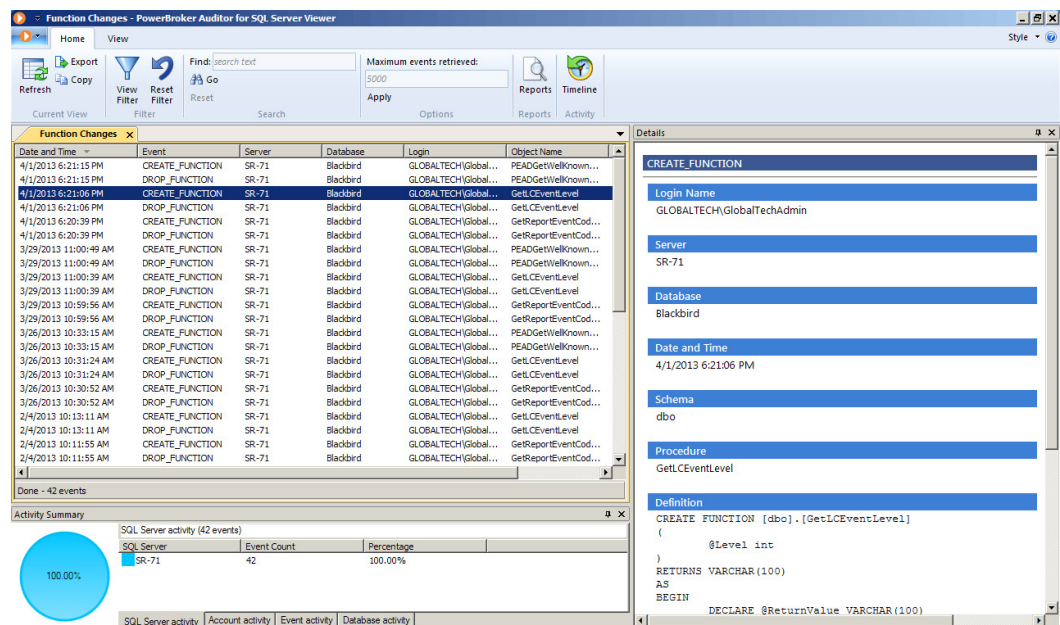
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The screenshot displays the PowerBroker Auditor for SQL Server Viewer interface. The main window shows a table of function changes with columns for Date and Time, Event, Server, Database, Login, and Object Name. The table lists several CREATE\_FUNCTION and DROP\_FUNCTION events for the SR-71 server on the Blackbird database. Below the table is an Activity Summary section with a pie chart showing 100.00% of activity for SR-71. The Details pane on the right shows the definition of the CREATE\_FUNCTION [dbo].[GetLCEventLevel] procedure.

Date and Time	Event	Server	Database	Login	Object Name
4/1/2013 6:21:15 PM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	PEADGetWellknowm...
4/1/2013 6:21:15 PM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	PEADGetWellknowm...
4/1/2013 6:21:06 PM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetLCEventLevel
4/1/2013 6:21:06 PM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetLCEventLevel
4/1/2013 6:20:39 PM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetReportEventCod...
4/1/2013 6:20:39 PM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetReportEventCod...
3/29/2013 11:00:49 AM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	PEADGetWellknowm...
3/29/2013 11:00:49 AM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	PEADGetWellknowm...
3/29/2013 11:00:39 AM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetLCEventLevel
3/29/2013 11:00:39 AM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetLCEventLevel
3/29/2013 10:59:56 AM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetReportEventCod...
3/29/2013 10:59:56 AM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetReportEventCod...
3/26/2013 10:33:15 AM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	PEADGetWellknowm...
3/26/2013 10:33:15 AM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	PEADGetWellknowm...
3/26/2013 10:31:24 AM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetLCEventLevel
3/26/2013 10:31:24 AM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetLCEventLevel
3/26/2013 10:30:52 AM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetReportEventCod...
3/26/2013 10:30:52 AM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetReportEventCod...
2/4/2013 10:13:11 AM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetLCEventLevel
2/4/2013 10:13:11 AM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetLCEventLevel
2/4/2013 10:11:55 AM	CREATE_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetReportEventCod...
2/4/2013 10:11:55 AM	DROP_FUNCTION	SR-71	Blackbird	GLOBALTECH\Global...	GetReportEventCod...

Activity Summary

SQL Server	Event Count	Percentage
SR-71	42	100.00%

```

CREATE_FUNCTION [dbo].[GetLCEventLevel]
(
    @Level int
)
RETURNS VARCHAR(100)
AS
BEGIN
    DECLARE @ReturnValue VARCHAR(100)

```

### KEY FEATURES

- Real-time monitoring of SQL (2005, 2008 and 2012) environments including changes to server configurations, security, databases
- Central audit database for reporting and alerting against creation deletion and modifications to the following types of SQL Server objects among others like Function, Index, Procedure, Server Instance, Server Role, Table, View, User
- Built-in library of interactive audits
- Intuitive wizards for custom searches and reports
- Plain English translation of audited events
- Does not require native audit configuration or event logs
- Seamless Integration with the PowerBroker Management Suite