

POWERBROKER AUDITOR FOR SQL SERVER



VISIBILITY. KNOWLEDGE. ACTION.

REAL-TIME AUDITING AND COMPLIANCE REPORTING FOR MICROSOFT SQL SERVER

A single change can put your critical applications and data at risk, affecting productivity, risking security breaches and threatening non-compliance. Yet, built-in SQL Server auditing capabilities are cumbersome, cryptic and lack centralized auditing and reporting. Careful analysis of distributed logs requires enormous resources and still fails to paint the entire picture of SQL activity. PowerBroker Auditor for SQL Server brings a new level of centralized control and ease to SQL Server auditing and compliance. This powerful solution monitors all SQL Server activity in real time - tracking the "WHO, WHAT, WHERE, WHEN" for every change.

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

PowerBroker Auditor for SQL Server captures all the essential information for any modification, including who made the change, when it was made and where it was made. Additionally, unlike other auditing solutions, PowerBroker Auditor for SQL Server provides interactive analysis with flexible attribute level filtering and reporting. This enables administrators to more accurately and rapidly isolate users or programs that may be making inappropriate changes in your environment.

CENTRALIZED, AUTOMATED REPORTING FOR STREAMLINED COMPLIANCE

PowerBroker's advanced change monitoring capabilities help 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 SQL Server change, including flexible filtering. With Blackbird'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 Server translates all events into plain English.

MINIMIZE THE IMPACT OF ERRONEOUS SQL SERVER CHANGES WITH INSTANT ALERTS

PowerBroker Auditor for SQL Server enables administrators to quickly react and resolve critical changes that could affect the security or availability of your organization's critical applications. Seamless integration with the PowerBroker Management Suite means there's no easier or safer way to ensure the continuous availability of the applications and access rights your organization depends on every day.

POWERBROKER MANAGEMENT SUITE: SEAMLESS LIFECYCLE-MANAGEMENT

PowerBroker Auditor for SQL Server is part of the PowerBroker Management Suite, a fully integrated, end-to-end solution that seamlessly guides administrators through the entire identity and access lifecycle - from real-time auditing of AD, File System, SQL-Server and Exchange to compliance reporting, proactive safeguards and recovery. A single dashboard provides a

consolidated view for unprecedented ease and efficiency in identity and access management.

ABOUT BEYONDTTRUST

BeyondTrust is also a leader in identity and access management. BeyondTrust's innovative solutions help organizations make the most of their technology investments and Windows infrastructure - with simpler compliance, streamlined governance, increased IT efficiency, and greater application availability.

BeyondTrust is a Microsoft Gold Certified Partner with more than two million installed seats worldwide.

KEY BENEFITS:

- Monitor and review privileged user changes on SQL servers and at database levels
- Comply with regulatory mandates such as GLBA, SOX, HIPAA and PCI through consistent auditing and reporting
- Instant notification of administrators about inappropriate SQL modifications
- Tighter security and audit procedures
- Reduction of manual labor cost associated with security and compliance reporting
- Improved employee productivity

KEY FEATURES:

- Real-time monitoring of SQL (2005, 2008 and 2012) environments including changes to server configurations, security, databases, etc.
- A central audit database for reporting and alerting against all change activity
- An extensive library of security and compliance reports
- Intuitive wizards for custom views and reports
- The originating IP address for each change
- Intelligent auditing that displays a single entry for every event
- Plain English filtering, searching and reporting at the attribute level
- Audit event analytics for every object
- Single-click access to the change log of every SQL Server change event
- Does not require native event configuration or event logs
- Integrates seamlessly with the PowerBroker Management Suite

The screenshot displays the 'Function Changes' window in the PowerBroker Auditor for SQL Server Viewer. The main table lists various SQL Server events, including CREATE_FUNCTION, DROP_FUNCTION, and ALTER_FUNCTION, with columns for Date and Time, Event, Server, Database, Login, Object Name, and Object Type. A selected row shows a CREATE_FUNCTION event for 'bspExchDateShift' on the 'BeyondTrust' server. Below the table is an 'Activity Summary' section with a pie chart and a table showing SQL Server activity for 191 events, with MS01\PBMS accounting for 90.05% and MS01\BEYONDINSIGHT for 9.95%.

Date and Time	Event	Server	Database	Login	Object Name	Object Type
19.11.2014 19:48:36	CREATE_FUNCTION	MS01\BEYON...	RetinaCSData...	sa	fnc_CalculateCvss...	FUNCTION
19.11.2014 19:48:36	DROP_FUNCTION	MS01\BEYON...	RetinaCSData...	sa	fnc_ResolveDateR...	FUNCTION
19.11.2014 19:48:36	CREATE_FUNCTION	MS01\BEYON...	RetinaCSData...	sa	fnc_Get_PBDEvent...	FUNCTION
19.11.2014 19:48:36	CREATE_FUNCTION	MS01\BEYON...	RetinaCSData...	sa	fnc_Get_PBDEvent...	FUNCTION
19.11.2014 19:48:36	CREATE_FUNCTION	MS01\BEYON...	RetinaCSData...	sa	fnc_Get_DateTimeC...	FUNCTION
19.11.2014 19:48:35	ALTER_FUNCTION	MS01\BEYON...	RetinaCSData...	sa	fnc_GetPasswordSa...	FUNCTION
19.11.2014 19:30:54	CREATE_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	bspExchDateShift	FUNCTION
13.10.2014 19:58:37	DROP_FUNCTION	MS01\BEYON...	BeyondTrust	PARENT\ms01admin	bspExchDateShift	FUNCTION
13.10.2014 19:58:36	ALTER_FUNCTION	MS01\BEYON...	BeyondTrust	PARENT\ms01admin	fnc_GetAgeTest	FUNCTION
13.10.2014 19:58:36	ALTER_FUNCTION	MS01\BEYON...	BeyondTrust	PARENT\ms01admin	fnc_LocalDateTime	FUNCTION
03.10.2014 12:31:00	CREATE_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	brfnPEADGetCollect...	FUNCTION
03.10.2014 12:31:00	DROP_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	brfnPEADGetCollect...	FUNCTION
03.10.2014 12:31:00	DROP_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	brfnPEADGetCollect...	FUNCTION
03.10.2014 12:31:00	CREATE_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	brfnPEADGetCollect...	FUNCTION
03.10.2014 12:31:00	CREATE_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	brfnPEADGetTotalB...	FUNCTION
03.10.2014 12:31:00	DROP_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	brfnPEADGetTotalB...	FUNCTION
03.10.2014 12:31:00	CREATE_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	brfnPEADGetCollect...	FUNCTION
03.10.2014 12:31:00	DROP_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	brfnPEADGetCollect...	FUNCTION
03.10.2014 12:31:00	CREATE_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	brfnPEADGetAllGro...	FUNCTION
03.10.2014 12:31:00	CREATE_FUNCTION	MS01\PBMS	BeyondTrust	PARENT\ms01admin	brfnPEADHasRules	FUNCTION

Activity Summary

SQL Server	Event Count	Percentage
MS01\PBMS	172	90.05%
MS01\BEYONDINSIGHT	19	9.95%

SQL Server activity (191 events)

```

CREATE FUNCTION [dbo].[bspExchDateShift]
(
    @Frequency int,
    @Bias int,
    @When datetime
)
RETURNS datetime
AS
BEGIN
    DECLARE @Result datetime
    IF @Frequency = 0 SELECT @Result = DATEADD(month, I
    ELSE IF @Frequency = 1 SELECT @Result = DATEADD(day,
    ELSE IF @Frequency = 2 SELECT @Result = DATEADD(hou
  
```

IP ADDRESS MANAGEMENT

PRIVILEGE MANAGEMENT

ACTIVE DIRECTORY MANAGEMENT



ÜBER N3K: Schnellwachsende IP-Netzwerke erfordern professionelle Lösungen für die verschiedensten Facetten des Netzwerk-Managements. N3K Network Systems hat sich auf die Gebiete IP Address Management, Privilege Management sowie auf Active Directory Management spezialisiert. So können mit hoher Kompetenz auf die individuellen Anforderungen der Kunden zugeschnittene Lösungen entwickelt werden. N3K unterstützt die Kunden über den gesamten Projektzyklus hinweg bei Bedarfsanalyse, Konzeption, Projektplanung, Implementierung und Schulung. Hinzu kommen umfangreiche Wartungs-Services inklusive weltweitem 7x24-Support und direkter Einwahl beim Kunden. Aufbauend auf dieser einfachen und effektiven Philosophie hat sich N3K als führender Anbieter in Deutschland etabliert. Mehr als 50% der DAX-Unternehmen sind N3K-Kunden. Durch Standorte in den USA und in Singapur können die Leistungen weltweit erbracht werden.