

## Purging Log Files

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*Purging log files*

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IBM

IBM Security SiteProtector System v2.0 SP8.1

Purging log files



This is a self-running demonstration that shows you how to complete a task.  
Controls are available at the bottom of the screen.

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## Purging Log Files

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### Objectives



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When you complete this module, you will be able to:

- Define the types of log files stored in the SiteProtector Database
- Configure the maximum log entry age for analysis, message, and maintenance logs
- Clear the RealSecureDB transaction log on your database server

## Purging Log Files

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Clearing log files



### Clearing log files

- If SiteProtector Database log files become too large, they may impact database performance
- The log file purge job removes out-dated entries from the analysis, message, and maintenance log files
- By default, the purge job runs every 10 minutes removing log entries older than the value specified in the Maximum Log Entry Age fields

**Note:** The purge job cannot be disabled or rescheduled

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## Purging Log Files

Slide 4

The screenshot shows the SiteProtector console interface. The 'Agent View' is active, displaying a list of components and their health status. A yellow callout box points to the 'SiteProtector Database' row, with the text: 'In the Agent view, select SiteProtector Database.' A purple callout box at the bottom left contains the text: 'This demonstration shows you how to clear log files from the SiteProtector Database'.

Model	Asset	Agent Name	Health Status	Status
SiteProtector Database	SITEPROTECTOR	SP Database	Warning	Active
Event Collector	SITEPROTECTOR	EventCollector_SITE...	Healthy	Active
SiteProtector Core	SITEPROTECTOR	SP Core	Healthy	Active
Deployment Manager	SITEPROTECTOR	DeploymentManager	Healthy	Active
Agent Manager	SITEPROTECTOR	AgentManager_SITE...	Healthy	Active
X-Press Update Server	SITEPROTECTOR	UpdateServer	Warning	Active
SecurityFusion Module	SITEPROTECTOR	SecurityFusionModule	Healthy	Active
GV1000	myhost	myhost	Healthy	Offline
GX4004	192.168.5.199	godzilla	Healthy	Offline
GX5108	192.168.5.200	mothra	Healthy	Offline

10 rows with 1 selected. administrator Notifications

## Purging Log Files

Slide 5

The screenshot shows the SiteProtector interface. A yellow callout bubble with the text "Select Object." points to the "Object" menu in the top navigation bar. The main area displays the "Agent View - Default" with a table of agents. The table has columns for Model, Asset, Agent Name, Health Status, and Status. The status bar at the bottom indicates "10 rows with 1 selected." and "administrator".

Model	Asset	Agent Name	Health Status	Status
SiteProtector Database	SITEPROTECTOR	SP Database	Warning	Active
Event Collector	SITEPROTECTOR	EventCollector_SITE...	Healthy	Active
SiteProtector Core	SITEPROTECTOR	SP Core	Healthy	Active
Deployment Manager	SITEPROTECTOR	DeploymentManager	Healthy	Active
Agent Manager	SITEPROTECTOR	AgentManager_SITE...	Healthy	Active
X-Press Update Server	SITEPROTECTOR	UpdateServer	Warning	Active
SecurityFusion Module	SITEPROTECTOR	SecurityFusionModule	Healthy	Active
GV1000	myhost	myhost	Healthy	Offline
GX4004	192.168.5.199	godzilla	Healthy	Offline
GX5108	192.168.5.200	mothra	Healthy	Offline

## Purging Log Files

Slide 6

The screenshot shows the SiteProtector console interface. A yellow callout box with the text "Select Properties." points to the "Properties" pane on the left. The main area displays a table of agents with the following data:

Asset	Agent Name	Health Status	Status
SITEPROTECTOR	SP Database	Warning	Active
SITEPROTECTOR	EventCollector_SITE...	Healthy	Active
SITEPROTECTOR	SP Core	Healthy	Active
SITEPROTECTOR	DeploymentManager	Healthy	Active
SITEPROTECTOR	AgentManager_SITE...	Healthy	Active
SITEPROTECTOR	UpdateServer	Warning	Active
SITEPROTECTOR	SecurityFusionModule	Healthy	Active
GV1000	myhost	Healthy	Offline
GX4004	192.168.5.199	Healthy	Offline
GX5108	192.168.5.200	Healthy	Offline

At the bottom of the console, the status bar shows "10 rows with 1 selected." and "administrator" with a user icon. A "Find..." search box is visible in the bottom left corner.

# Purging Log Files

Slide 7

The screenshot shows the SiteProtector console interface. The main window displays a 'DATABASE SIZE' chart with a 'Fail Level' at 80% and a 'Warning Level' at 70%. The chart shows a sharp increase in database size starting around 3 AM, reaching the warning level by 7 AM. A yellow callout box points to the 'Database Maintenance' icon in the left sidebar, with the text 'Click Database Maintenance.' Below the chart, there is a 'TempDB Database Size (MB)' section with a description: 'The size of the TempDB Database'. The console also shows other health indicators like 'Database Jobs', 'Performance', 'Agent Messages', and 'Event Loading'.

SiteProtector  
Object Edit View Action Tools Help  
New [Icons] Go to: Properties  
Agent : localhost : IBM-155 Properties : localhost : SP Database @ ...  
Health Summary  
Agent Details  
Database Maintenance  
Command Jobs  
Database Jobs Performance Agent Messages Event Loading  
DATABASE SIZE  
1 day 3 day 7 day 1 month 3 month 6 month 12 month  
Fail Level  
Warning Level  
80  
70  
60  
20  
10  
0  
11 AM 3 PM 7 PM 11 PM 3 AM 7 AM  
Time  
Description: The percentage of used space to the amount of space allocated to the TempDB database file to store data that is updated during maintenance.  
Your Site will stop functioning if the database file becomes full.  
Remedy: [What can I do if the system al...](#)  
TempDB Database Size (MB)  
1 day 3 day 7 day 1 month 3 month 6 month 12 month Description: The size of the TempDB Database  
Find... administrator Notifications

# Purging Log Files

Slide 8

The screenshot shows the SiteProtector Properties dialog box for the agent 'localhost : IBM-155'. The 'Purge' tab is active, showing settings for log purging. The 'Maximum Log Entry Age (in days)' section has three sliders: 'Analysis log' set to 7, 'Message log' set to 30, and 'Maintenance log' set to 7. The 'Frequency' is set to 'Weekly'. A 'Save' button is highlighted with a yellow callout. Three yellow callouts provide descriptions of the log types: 'The analysis log contains analysis data.', 'The message log contains errors and informational messages.', and 'The maintenance log contains information and automated maintenance procedures.' A blue callout at the bottom states: 'Keep the Maximum Log Entry Age defaults. These tables do not contain security or configuration data. For diagnostics purposes, they log what is used by DBServerInfo only.' The interface includes a menu bar (Object, Edit, View, Action, Tools, Help), a toolbar, and a status bar at the bottom showing 'administrator' and 'Notifications'.

Click **Save**.

Use the slide bar or type the maximum number of days to save a log entry for the analysis log, message log, and maintenance log.

The analysis log contains analysis data.

The message log contains errors and informational messages.

The maintenance log contains information and automated maintenance procedures.

Keep the Maximum Log Entry Age defaults. These tables do not contain security or configuration data. For diagnostics purposes, they log what is used by DBServerInfo only.



*Clearing the transaction log*



### Clearing the transaction log

- To clear your transaction log, use the following command through the command line interface on your database server:

```
osql -E -d RealSecureDB -Q "backup log  
RealSecureDB with truncate_only"
```

- If your SQL Server is running in a named instance, you must use this command:

```
osql -S / -U -P -d RealSecureDB -Q "backup log  
RealSecureDB with truncate_only"
```

**Note:** For more information about clearing SQL Server transaction logs, see [http://msdn.microsoft.com/en-us/library/aa173551\(SQL.80\).aspx#](http://msdn.microsoft.com/en-us/library/aa173551(SQL.80).aspx#)

Slide 10

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