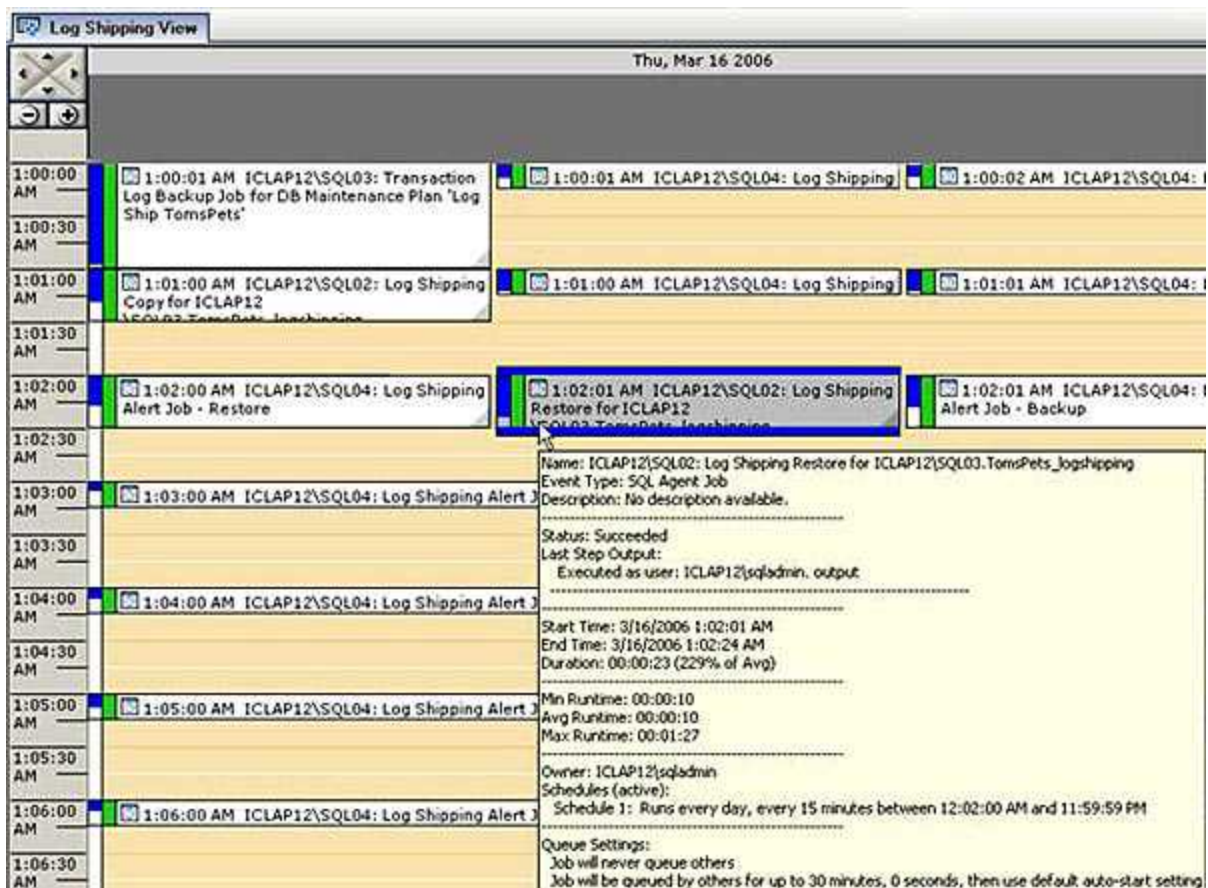


Log Shipping and Replication

SQL Sentry Event Manager can be a valuable tool to help you monitor and manage log shipping and replication across your enterprise. By offering a customizable, visual, Outlook style calendar, DBAs can gain a true vision of the activity across all their servers in one view.

Log Shipping View

Log shipping, whether through the native tools or with third party tools, involves jobs on each server to manage the backups, copies and restores of your log files. Through the Custom Event Views, you can create a calendar view that shows all the related log shipping events across all servers in one view, as shown in the screenshot below.



Above, ICLAP12\SQL03 is the primary server, ICLAP12\SQL02 is the standby, and ICLAP12\SQL04 is the monitor server. Any object can be rescheduled through this view using drag and drop. You can rest assured that you will receive prompt notification in the event something goes wrong. Below is an example of an email notification generated by Event Manager when "Log Shipping Alert Job - Restore" fails.

In addition to sending a notification, Event Manager can execute another job, process, or SQL statement on any watched server based on any of over 90 conditions.

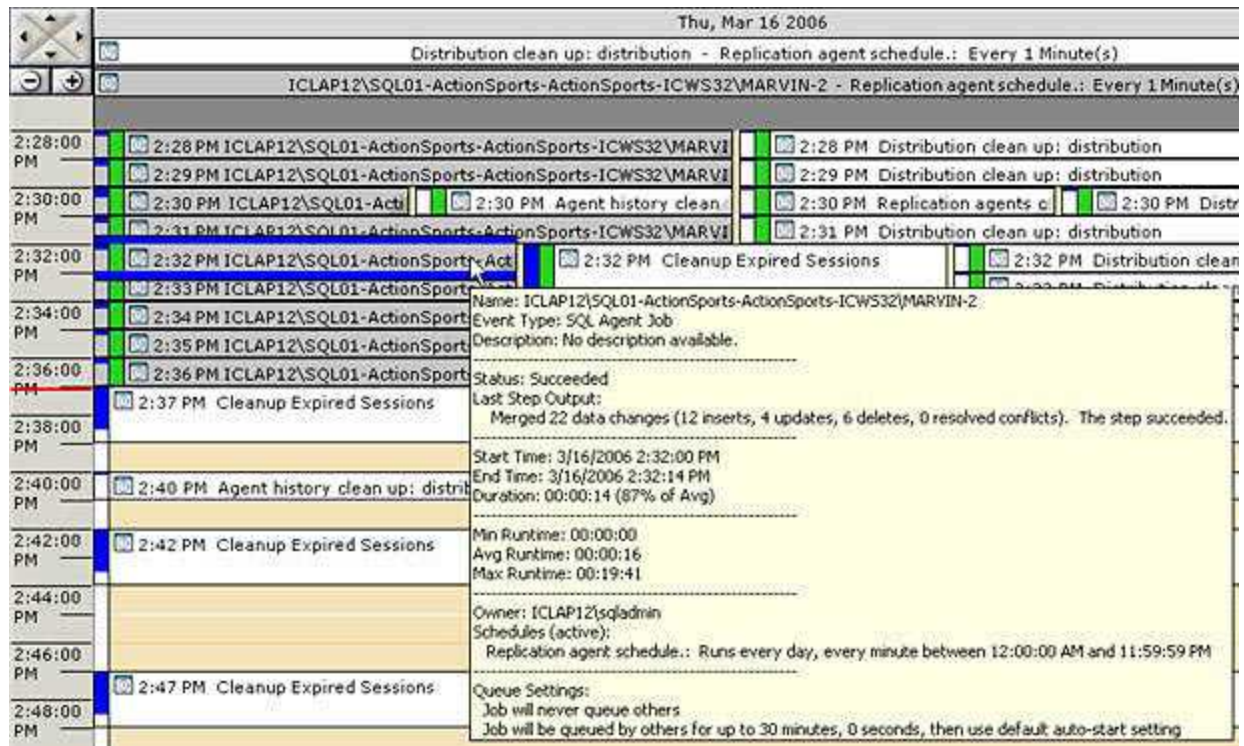
```
12/21/2005 1:45:03 PM -> Step 1 [Log Shipping Alert Job - Restore]:
    Executed as user: ICLAP12\sqladmin. The log shipping destination ICLAP12\SQL02.TomsPets is out of
    sync by 59 minutes. [SQLSTATE 42000] (Error 14421). The step failed.
```

```
-----
[Source]: ICLAP12\SQL03
[Job Name]: Log Shipping Alert Job - Restore
[Message]: ICLAP12\SQL03: Job 'Log Shipping Alert Job - Restore' Failed on Step 1 [Log Shipping Alert Job -
Restore]
[Job Start Time]: 12/21/2005 1:45:03 PM
[Job End Time]: 12/21/2005 1:45:03 PM
[Runtime]: 0 seconds
-----
```

```
[Description]: No description available.
[Owner]: ICLAP12\sqladmin
[Timestamp (Local)]: 12/21/2005 1:45:07 PM
[Timestamp (UTC)]: 12/21/2005 6:45:07 PM
[Generated By]: sqlSentry 2.0 Server [ICLAP12]
[Version]: 2.5.3.19837
```

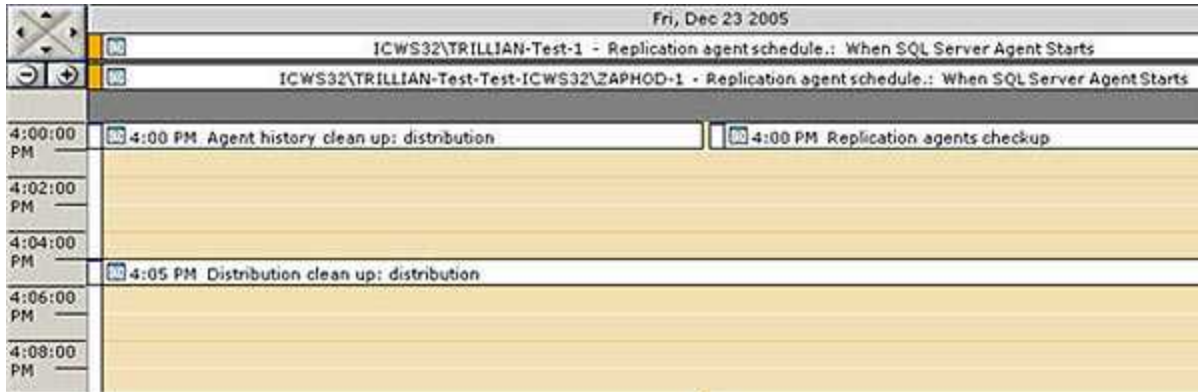
Replication

Event Manager also allows you to more quickly and easily monitor and manage SQL Server replication. Below is an example of the information available from the calendar view in Event Manager for a merge replication job.





Even continuously running jobs used in transactional replication are monitored by Event Manager. Should any job fail or alert fire, Event Manager will detect the condition and provide you with all the data you need to diagnose and resolve the issue, including runtime or performance counter thresholds.



As you can see, with Event Manager it's easy for any DBA to gain a true vision of their Log Shipping or Replication activity in one centralized view, and respond quickly and effectively to any issue that may arise. See the Event Manager User Guide for more details on setting up a Custom Event View.

About SQL Sentry Event Manager

SQL Sentry Event Manager is the ultimate scheduling, alerting and response system for optimizing schedule performance of database servers and related IT resources. Event Manager provides DBAs with "Outlook-style" visibility and functionality for managing SQL Agent jobs, Windows Tasks, and Oracle jobs in increasingly complex cross-platform environments.

Download a free trial at www.sqlsentry.net and contact our team at sales@sqlsentry.net to find out how SQL Sentry Event Manager can optimize your server schedule performance.