Service audit logging provides data about flow and coded (for example, Java) services that run in Integration Server.

You can use service log entries and data to do the following:

Track when

services start,

their status, and

their duration.

Track whether services completed successfully or failed.

Record the client that called the service, and the Integration Server port on which the client connected.

Resubmit services.

In IS,

you globally disable all logging for all services,

globally enable one type of logging for all services, or

enable customized logging on a service-by-service

you set up the customized logging for specific services in Designer.you might choose to log

how the service is called: when the service is called by a client request or trigger

what status to log. only when the service fails.

Whether to store the service’s input pipeline and, if so, when. only when an error occurs.

Storing the input pipeline allows you to resubmit the service later if necessary.

Integration Server built-in services increases the service logging data. Enable services

to post user-defined progress messages to the Integration Server server log or the IS Core Audit Log.

to write the pipeline to the Integration Server server log.

View the Service Log : Logs > Service

Time Stamp Date and time the entry was written to the log.

User Id : Integration Server user name of the client that called the service that generated the log entry.

Server Id : Integration Server on which the service that generated the log entry ran.

The ID can be DNSname:port or IPaddress:port

necessary information when IS are clustered and writing to a shared RDBMS.

Service Name: Service that generated the log entry.

Status : Started, Retried, Ended, or Failed.

Duration: Length of time the service ran (in milliseconds).

Error Message : If the service failed.

Context information Monitor uses to connect related entries from different logs.

Resubmittable : Whether you can resubmit the service from Monitor.

You can resubmit a service if it is a top-level (not nested) service and

the service’s input pipeline was logged.

if error logging is enabled, Integration Server always writes error log (even if service log is disabled)entries when service errors occur.