

# Debug Log

## Lesson 27: Debug Log

salesforce

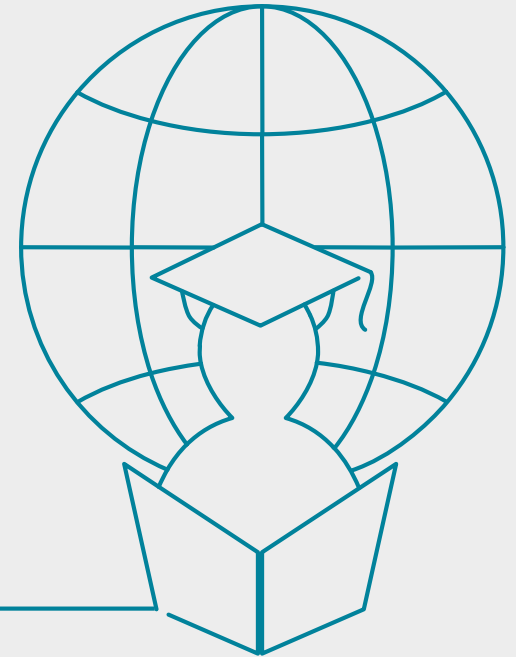
global strategic  
consulting partner



# Lesson Objectives

By the end of this lesson, you will be able to:

- Setting up debug logs
- Create Trace Flags in developer console
- Create Trace Flags in Setup
- Manage Trace Flags



## 27.1: Debug Log

### Setting up Debug Log

Activate debug log for users

Activate debug log for Apex classes and Apex triggers

Configure trace flags and debug levels in the Developer Console or in Setup

Each trace flag includes a debug level, start time, end time, and log type

Limits for debug log:

- Each debug log must be 2 MB or smaller. Debug logs that are larger than 2 MB are reduced in size by removing older log lines
- Each org can retain up to 50 MB of debug logs. Once your org has reached 50 MB of debug logs, the oldest debug logs start being overwritten.

## 27.2: Trace Flag

### Create Trace Flags in developer console

To configure trace flags and debug levels from the Developer Console

Click **Debug | Change Log Levels**

You can perform following actions:

- To create a trace flag, click **Add**.
- To edit an existing trace flag's duration, double-click its start or end time.
- To change a trace flag's debug level, click **Add/Change** in the Debug Level Action column
- You can then edit your existing debug levels, create or delete a debug level, and assign a debug level to your trace flag

## 27.2: Trace Flag

### Create Trace Flags in Setup

Steps:

1. From Setup, enter Debug Logs in the Quick Find box, then click **Debug Logs**.
2. Click **New**.
3. Select the entity to trace, the time period during which you want to collect logs, and a debug level

### **View, Edit, or Delete Trace Flags in Setup**

To manage trace flags from Setup, complete these actions. Navigate to the appropriate Setup page.

- For user-based trace flags, enter Debug Logs in the Quick Find box, then click **Debug Logs**.
- For class-based trace flags, enter Apex Classes in the Quick Find box, click **Apex Classes**, click the name of a class, then click **Trace Flags**.
- For trigger-based trace flags, enter Apex Triggers in the Quick Find box, click **Apex Triggers**, click the name of a trigger, then click **Trace Flags**.



## 27.2: Trace Flag Manage Trace Flags

From the Setup page, click an option in the Action column. To delete a trace flag, click **Delete**.

To modify a trace flag, click **Edit**.

To modify a trace flag's debug level, click **Filters**.

To create a debug level, click **Edit**, and then click **New Debug Level**.

### Debug Levels

A debug level is a set of log levels for debug log categories: Database, Workflow, Validation, and so on. You can reuse debug levels across your [trace flags](#).

View:  [Create New View](#)

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other **All**

[New](#)

Action	Name ↑	Workflow	Validation	Callout	Apex Code	Apex Profiling	Visualforce	System	Database
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">ApexCodeFinest</a>	None	None	None	Finest	None	None	None	None
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">MostlyInfoApexSystemDebug</a>	Info	Info	Info	Debug	Info	Info	Debug	Info

# Summary

Debug Log can be set for users, Apex classes  
and Apex triggers  
We can Create trace flag in Developer Console  
and in setup

