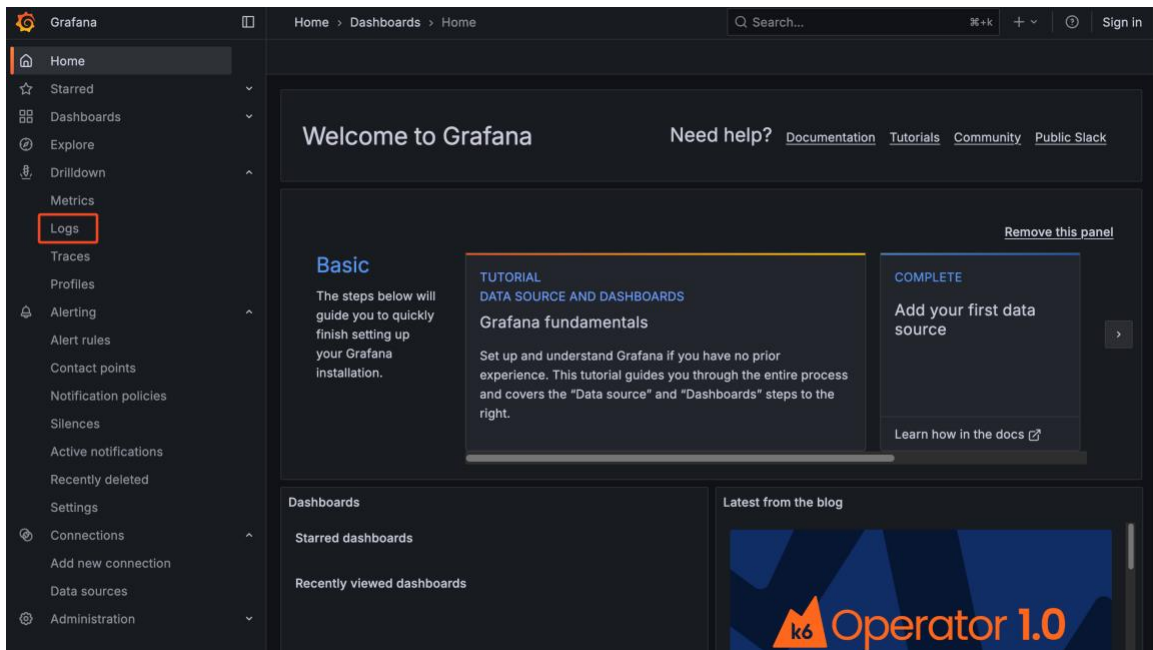# Traceability using Transaction ID - Grafana Stack

This guide demonstrates how the Grafana stack provides end-to-end traceability using a transaction ID.
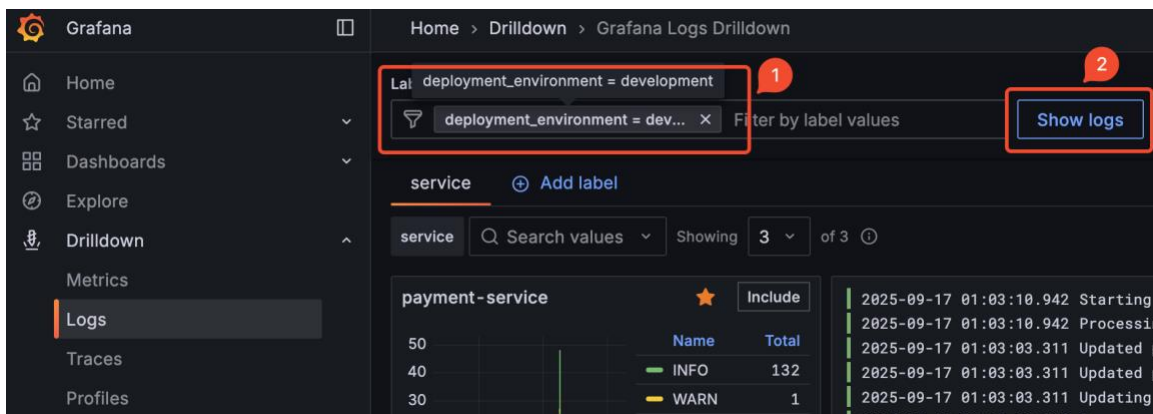
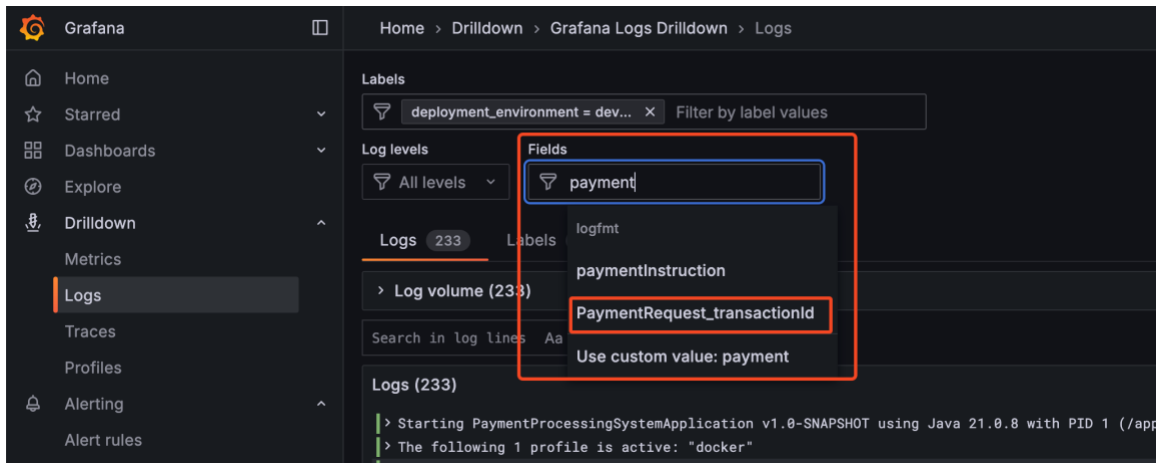**Note:** There is a short delay before the logs are fully indexed and searchable.

Steps

Step 1: Open the Grafana dashboard (http://localhost:3000) and go to Logs.

Step 2: Use Filter by label values to select deployment_environment = development or a service and then click Show Logs.



Step 3: From the labels, select PaymentRequest_transactionId and set it to equals.

Step 4: Select a transaction ID from the list to filter the logs. Expand a log line to see captured details.
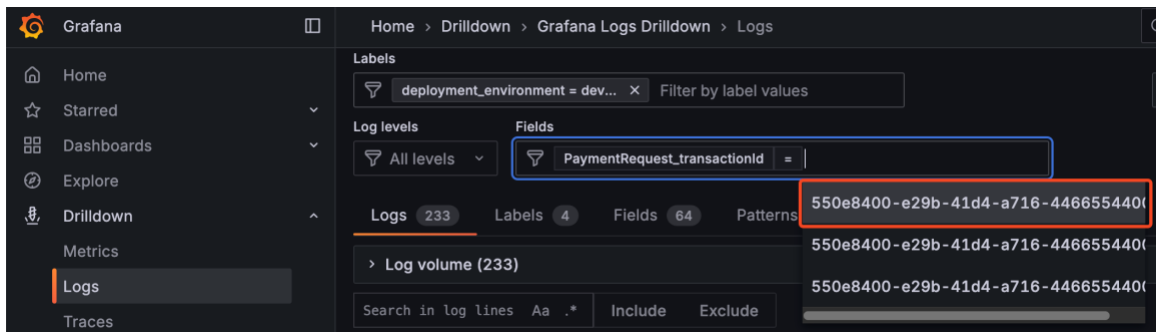
Step 5: Alternatively, use the Search in log lines field to paste a transaction ID directly. It will then highlight the matching logs, and the search will appear as an applied line filter.
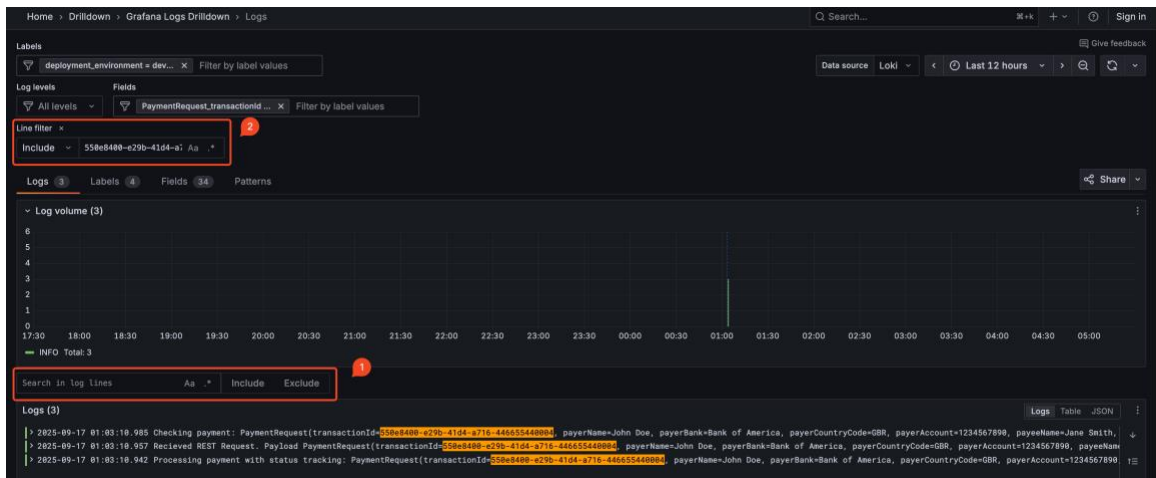
Step 6: In the expanded log, scroll down to the Trace link (e.g., Trace: 2c8e84513469ca910297279e8cc82928) and click it.

Step 7: The trace view opens, showing the full call flow across services and timings for that request that processed the transaction. Each of these can be clicked to examine the details or jump to relevant logs
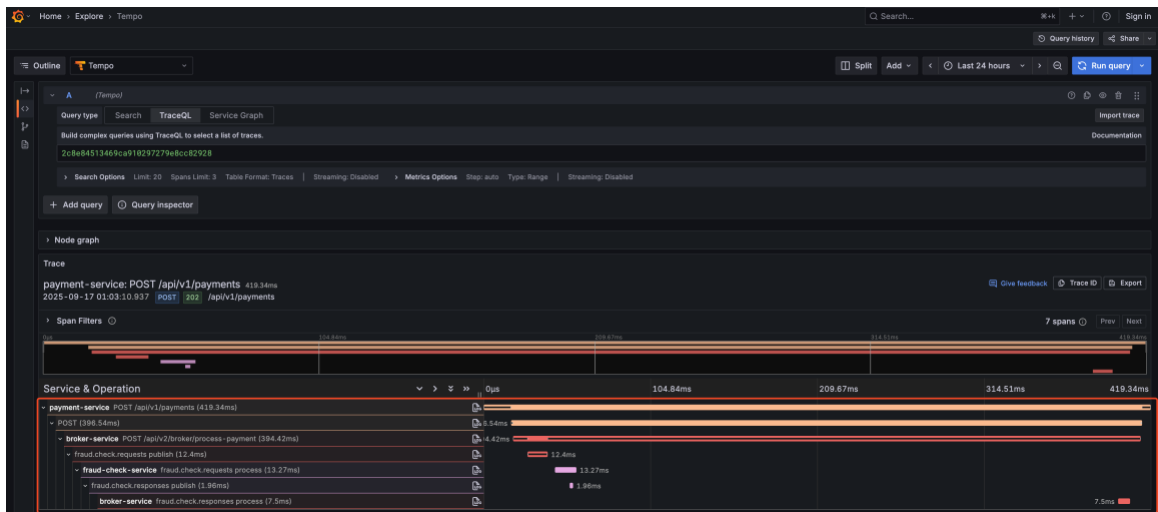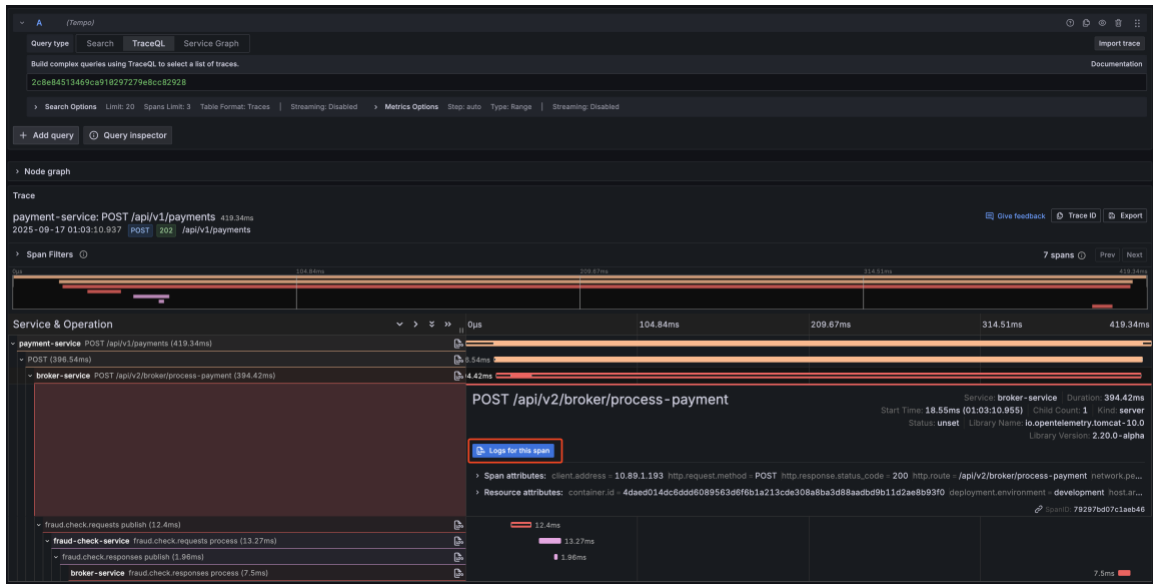
Step 8: Additionally, the node graph tab can be expanded to visualize the request flow across services, with detailed metrics and referenced logs.

Conclusion

By searching on the transaction ID, you can reconstruct the complete lifecycle of a request across services in the LGTM stack. This provides true end-to-end traceability and speeds up root cause analysis.