

# Performance Monitoring SQL Server

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1. Open Performance Monitor
  - Press Win + R, type perfmon, and hit Enter.
2. Create a Data Collector Set
  - In the left pane, expand Data Collector Sets.
  - Right-click User Defined and select New > Data Collector Set.
3. Name and Configure
  - Enter a name for your set (e.g., "SQLServerMonitoring").
  - Choose Create manually (Advanced) and click Next.
4. Select Data Types
  - Select Performance counter and click Next.
5. Add Counters
  - Click Add and select the counters you want to monitor (e.g., % Processor Time, SQLServer:Buffer Manager\Buffer cache hit ratio, SQLServer:Memory Manager\Total Server Memory).
  - Click OK and Next.
6. Set Log File Type
  - Choose Performance counter log as the log format (CSV or TSV are common for analysis).
  - Specify the log file location and name.
7. Set Schedule
  - Choose Start this data collector set manually or set a schedule.
  - Click Next and Finish.
8. Start and Stop
  - Right-click your Data Collector Set and select Start.
  - Data will be logged continuously to the file you specified.
  - To stop, right-click and select Stop.