# Performance categories

On the Select categories section, you can select one or more of the following performance categories for use in the detailed analysis:

## General

### Disaster Recovery

Detects any database and transaction log backup issues such as failures or skips, overdue integrity checks, and corruption issues.

⚠ The System Page Files, System Upgrade Suggestion, and Virtual Log Files performance categories are not available in SQL Diagnostic Manager 10.0.

## Activity

### Blocking Processes

Detects any processes that are blocking other processes.

### Deadlocks

Detects any deadlocks on the SQL Server instance.

### Long Running Jobs

Identifies any long-running jobs.

### Open Transactions

Identifies any long-running open transactions and determines whether the associated T-SQL code needs corrections to improve performance.

### Wait Stats

Identifies any waits that are affecting SQL Server performance.

## Resources

### Disk

Detects whether disk settings and associated problems are affecting SQL Server performance.

### Memory

Examines the server memory settings and determines whether they affect performance.

### Network

Detects network problems or configuration settings that affect SQL Server performance.

### Processor

Detects processor problems and associated configuration settings.

# Configuration

### Database Configuration

Identifies which database configuration settings improve SQL Server performance.

### Security

Identifies non-optimal security settings on the SQL Server instance.

### Server Configuration

Detects server configuration settings that can decrease the performance of your SQL Server instance.

# Workload

### Index Optimization

Determines whether index settings or problems with the indexes themselves are negatively affecting SQL Server performance.

### Query Optimization

Detects query problems that negatively affect your SQL Server performance.

> ⓘ  The Index Optimization and Query Optimization categories return heavy recommendations if you run a workload analysis and they return light recommendations if you run a regular analysis.

**IDERA** | **Products** | **Purchase** | **Support** | **Community** | **Resources** | **About Us** | **Legal**