

ServerSideOS

Server Side Technology Solutions

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Database Health Checklist

30 actionable items across 6 categories — Generated May 20, 2026

1. Backup & Recovery

- Backups run successfully in last 24 hrs (full/diff/log)
- Backups stored off-server or in cloud
- Backup strategy tested — restore executed in last 6 months
- Automated alerts configured for failed backups
- Backup status view available across all databases

2. Table / Index / Stats Maintenance

- Indexes rebuilt or reorganized weekly
- Statistics updated weekly or after large data changes
- Fragmentation monitored on large and critical tables
- Maintenance jobs documented and scheduled
- Index fragmentation report available on demand

3. Storage & Logfile Health

- LDF (transaction log) file management in place
- Log backups run frequently (for full recovery model DBs)
- Disk space >15% free on all database drives
- Autogrowth settings optimized (fixed size, not percentage)
- Top 5 largest data and log files identified

4. Chronic Errors & Alerts

- No recurring errors in SQL Server error logs
- SQL Agent job failures are monitored and alerted
- Blocking and deadlocks under control (<5 per day)
- Ability to view last 100 errors from logs on demand
- Alerts configured for Severity 19+ and unusual error patterns

5. Performance Baseline & Bottlenecks

- Slowest queries identified and reviewed regularly
- Longest-running SQL Agent jobs optimized or parallelized
- Wait stats monitored on a weekly basis
- Query plans reviewed for top resource-consuming queries
- Top 10 CPU-consuming queries identified and known

6. Archiving & Data Retention

- Large tables partitioned or purged on a regular schedule
- Archive strategy documented and in place
- TempDB not ballooning with stale or unused data
- Tables over 10GB with no recent activity identified
- Retention policies enforced via scheduled jobs (old data) (auto-purge)