

# Proactive monitoring

## □ What is it

- The process of actively checking and monitoring systems, applications, and networks to detect and resolve potential issues before they affect users or escalate into larger problems. Instead of simply reacting to incidents after they occur (which is called reactive monitoring), proactive monitoring aims to predict and prevent problems.
- Key elements of proactive monitoring include: Threshold alerts, Trend Analysis, Log Monitoring, Health checks, Automated testing, Backup and disaster recovery tests, Capacity planning

## □□ Key Benefits / Why is this important

- The goal of proactive monitoring is to increase system uptime, improve user satisfaction, and reduce the time and costs associated with downtime and troubleshooting.
- By catching issues early or even before they happen, organizations can provide a smoother, more reliable service to their users.

## □□ Techniques supporting this practice

- Automated testing

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