

## CHOOSING THE RIGHT SLO MANAGEMENT TOOL

### Checklist

When adopting service-level objective (SLO) management practices, you'll want to avoid the toil of manually configuring and tracking service-level indicators (SLIs), SLOs, and error budgets. You'll also want to make sure that your SLOs have the authority to impact software deployment pipelines or run the risk of all your hard work defining SLOs going to waste. The right software solution can help!

Of course, not all solutions are created equal, and finding the right product can be downright daunting. To help ease the process, we've compiled this checklist of capabilities to evaluate solutions that best meet your use cases.

### FUNDAMENTAL CAPABILITIES

At a minimum, you'll want to have these capabilities covered by the solution you select:

Define SLIs, SLOs, and error budgets via GUI	Define SLIs, SLOs, and error budgets via template	Define SLIs, SLOs, and error budgets via API	Automatically track SLI's, SLO's, and error budgets
API access to SLI, SLO and error budget data	Dashboards for SLI, SLO, error budget data	Integrates with leading observability solutions	Correlation of incidents to service health
Turns SLO data into service health indicators	Correlation of change events to service health	Integrates with change (deployment or infrastructure) and incident management sources	

### ADVANCED CAPABILITIES

In addition to the basic capabilities listed above, many use cases require more robust functionality.

Define composite SLOs	Custom reliability policies	Reliability guardrails integrated with CI/CD pipelines	Automated deployment verification
Automated rollback of failed deployments	Service reliability checks	Identification of all software exceptions throughout SDLC	Detailed debug information for all software exceptions

### ENTERPRISE CAPABILITIES

For enterprise organizations, you'll want to have the following features in your DevSecOps tool.

SaaS & on-premises options	Login via SSO	Detailed reliability audit trails	Fine-grained role-based access control
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Learn more about how Harness Site Reliability Management solution can help you check all these boxes at [harness.io/products/service-reliability-management](https://harness.io/products/service-reliability-management)

