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2022 State of Incident Management

2021 State of Incident Management

IT Management

Problem Management

Change Management

Knowledge Management

Enterprise Service Management

ITIL

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IT Operations Management

SLA vs. SLO vs. SLI: What's the difference?

If there's one thing every tech company has in common, it's this: users.

Whether you're Google's search engine, serving a billion active monthly users who interact with your service for free, or Salesforce, with 3.5 million paying subscribers, building a technology product means serving people.

And in today's digital landscape, people's expectations for free and paid services alike are high. Speed, uptime, useful UX. Today's user base expects everything to meet a high standard.

Looker built Orchestrate to help deliver their service to 200,000 users every day.

Read the story →

Which is why it's important for companies to understand and maintain SLAs, SLOs, and SLIs—three initiatives that represent the promises we make to our users, the internal objectives that help us keep those promises, and the trackable measurements that tell us how we're doing.

The goal of these things is to get your users' needs and objectives aligned with the goals of your system performance. How often will your systems be available? How quickly will your team respond if the system goes down? What kind of problems are you dealing about speed and functionality? You want to know what you need SLAs, SLOs, and SLIs.

SLA

→ the agreement you make with your clients or users

SLOs

→ the objectives your team must hit to meet that agreement

SLIs

→ the real numbers on your performance

SLA: Service Level Agreements

What is an SLA?

An SLA is a formal agreement between a service provider and its customers that defines the level of service, the quality of service, and the responsibilities of each party.

These agreements are typically divided up by a category, then subject, and then metric, and they represent the promises you're making to customers and your customers' expectations of you.

The challenge of SLAs

SLAs are notoriously difficult to create, create an SLA. There are many reasons for this, but the most common is that SLAs are often created by people who are not the ones who are responsible for the service. This means that the SLA is often created by people who are not the ones who are responsible for the service. This means that the SLA is often created by people who are not the ones who are responsible for the service.

Who needs an SLA?

An SLA is an agreement between a service provider and its customers that defines the level of service, the quality of service, and the responsibilities of each party.

SLI: Service Level Indicators

What is an SLI?

An SLI is a formal agreement between a service provider and its customers that defines the level of service, the quality of service, and the responsibilities of each party.

The challenges of SLIs

SLIs are notoriously difficult to create, create an SLI. There are many reasons for this, but the most common is that SLIs are often created by people who are not the ones who are responsible for the service. This means that the SLI is often created by people who are not the ones who are responsible for the service. This means that the SLI is often created by people who are not the ones who are responsible for the service.

Who needs SLIs?

Any company measuring their performance against SLIs needs SLIs to make those measurements. You can't really have SLIs without SLIs.

SLA - Service Level Agreement  
Measurable metrics: Uptime, Responsiveness, Responsibilities  
SLOs - Service Level Objectives  
SLIs - Service Level Indicators

SLA, SLO, and SLI best practices

**craft a clear, mutual customer expectation**

One part of your customer journey should be to tell them what to expect. On the back end, an incident may mean adding to different components. But in the client's time of their system, that's the system they're expecting.

Your SLAs and SLIs should reflect this reality. Don't overpromise things by adding down to a general level and making individual promises for each of them. It's important to keep your promises and to be clear about what you're promising. This will keep clients happy and less confused and comply the best of it if you're responsible for making good on your SLI promises.

**Use plain language in SLAs**

Clients won't always ask for clarification, so if your SLI language is complicated, you're probably setting yourself up for some pretty serious dissatisfaction down the line. Explain your language in the link, link, client contact, SLI, your future.

**With SLIs, less is more**

Not every metric is what the client wants, which means not every metric should be an SLI. SLIs are the metrics that are most important to the client. SLIs are the metrics that are most important to the client. SLIs are the metrics that are most important to the client.

**Not every trackable metric should be an SLI**

Being trackable is not enough. It's important to think about what metrics to use. SLIs are the metrics that are most important to the client. SLIs are the metrics that are most important to the client. SLIs are the metrics that are most important to the client.

**Include factors outside the IT team's control**

What happens when the client's system is down? It's not always the IT team's fault. It's not always the IT team's fault. It's not always the IT team's fault.

**Build in an error budget**

Setting aside for failure is not only a good idea, it's a good idea. SLIs are the metrics that are most important to the client. SLIs are the metrics that are most important to the client. SLIs are the metrics that are most important to the client.

**Don't shoot for the moon**

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**How does this impact SREs?**

For those of you following Google's model and using SLIs, SLOs, and SLIs, you should be able to build in an error budget. SLIs are the metrics that are most important to the client. SLIs are the metrics that are most important to the client. SLIs are the metrics that are most important to the client.

Learn incident communication with Statuspage

The importance of an incident postmortem process

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RESOURCES

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Work On It

Incident Response

Incident Communication

Outage

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