
Performance PoC

Proof of Concept

A Coban Performance Assurance Offering

Overview

The Performance PoC is designed to guide our customers with their selection of vendors. With the data gathered from this offering, our customers will learn how a selected application stack performs, in no uncertain terms, and be able to make informed decisions when moving ahead with their selection of vendors, design, and implementation strategies.

Value Proposition

> **Stack Validation**

Our engineers will help you determine the proper use cases to test. We'll develop realistic load simulations of those use cases and provide you with 3rd party validation of the vendors you are considering.

> **Proactive Decision Making**

We'll deliver the information you need to begin planning your performance assurance strategy.

Service Description

> **PoC Workshop**

During the workshop, our team will meet with your business, IT, and infrastructure teams to get a better understanding of your application stack's performance requirements, use cases, architecture, and test environment details.

> **Load Simulation Development**

Based on your input during the workshop, our team will develop load simulations of all the relevant use cases defined during the workshop. We can utilize your in-house load testing tools, or bring our own tools.

> **Infrastructure Testing**

Before we begin exercising your application's code, we run a series of load tests designed to highlight any performance and scalability bottlenecks in the environment that may hinder your site's performance and scalability. This will help uncover any issues with your application stack.

> **Baseline Testing**

Baseline testing allows us to measure how your site currently performs and scales. We measure the throughput of your site, response times under load, and how the site responds to increasing load.

> **Stress Testing**

Stress testing allows us to measure the impact of high degrees of concurrency on your site. It is used to uncover serious I/O contention issues caused by overly synchronized methods, poor caching strategies, slow network connections, expensive DB queries, etc.



Why Coban?

Coban is one of the very few organizations in the world that has a dedicated Performance Assurance practice and has a stellar record of bringing performance improvements to its customers consistently. Let our team of engineers and architects tackle all of your performance and scalability problems. We have extensive experience and unparalleled expertise that allow Coban to effectively manage your performance and scalability goals and quickly identify the root cause of a wide variety of related issues in the system.

Estimated Duration

Two weeks.