
Performance Assurance Workshop

Developing Your Performance Assurance Strategy

A Coban Performance Assurance Offering

Overview

Performance issues cost money across many organizations within a company, due to loss of customers, loss of employee productivity, and the expense of re-factoring or redesigning an application that may have already taken months or years, and multiple teams, to roll out. Through this workshop, specific customer challenges and needs are analyzed, as they begin to tackle the questions that arise in determining how to deploy a live site that will scale and perform to the highest anticipated user loads. At the end of the workshop, the customer will have a high level assessment what is required to performance test their site.

Value Proposition

> **Prompt Planning**

Coban will help your team plan your performance assurance strategy. We will get deeply engaged with your team and make sure that all performance testing related tasks are properly planned and accounted for.

> **Better Understanding**

This workshop will help you to better understand the challenges associated with performance assurance and what to do to make sure they are properly addressed. Working closely with your team, we will define specific and measurable performance testing requirements and goals for your site.

> **Easier Project Planning**

Based on our test plan you will be able to accurately schedule all performance assurance tasks. You will also be able to budget for any test environment costs and avoid last minute surprises.

Service Description

> **Performance Assurance Overview Workshop Session**

Coban will go over main performance related topics with your team. The following will be discussed:

- Why is performance testing important;
- How to define performance requirements;
- Factors affecting performance;
- Capacity planning;
- Performance test types;
- Performance test phases;
- Performance assurance terminology.

> **Business Requirements and Use Cases Workshop Session**

We will collect information about the planned use of the system and convert business requirements into measurable goals. The information gathered here will also be used in capacity planning. Working with your team we will define the user types and how are they planning to use the site. Our objective is to define test scenarios that are most representative and specify test cases for each scenario.

> Architecture Overview Workshop Session

Your team will present the high level architectural overview of your application so we can understand the main components of the system and what will be involved in performance testing.

> Capacity Planning Workshop Session

We will discuss different configuration factors that might impact performance, such as network topology, security, implementation stack, availability, hardware specifications, etc. Based on the performance requirements and identified factors we are going to calculate the required capacity.

> Test Environment Workshop Session

We will be discussing the following topics:

- How does test environment differ from production;
- When is the environment available;
- Machines needed for load agents;
- Tools to be used;
- Test data set;
- Test users.

> Performance Assurance Test Planning

Our team will deliver a detailed test plan that includes:

- Measurable performance testing objectives;
- List of assumptions, constraints, risks and contingency plan;
- Detailed description of use cases that will be used for testing;
- Test tools that will be used;
- Test environment diagrams and hardware/software specifications;
- Testing strategy outlining different tests that will be performed using a phased approach ;
- High-level schedule with milestones and other project management information;
- Definitions of basic metrics, user load types and performance test types.

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 days.