



Optimize XPages Performance

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The performance of business-critical applications have a direct bearing on the organization's business performance. Slow or not-readily available applications that support key business processes can cause revenue loss, and decline in customer satisfaction, employee productivity and brand reputation.

The evolution of user requirements means that bad UI or poor user experience impact application adoption by your users, thereby leading to a poor ROI. Recent research studies indicated that organizations could lose significant part of their revenues due to only one additional second of delay beyond defined baselines for performance of their Web applications. The research shows that end-users would typically wait between 4 and 6 seconds for a page to open before they abandon a session and move on to the next website in their search. This impact's not only the organization's ability to sign up new customers, but also causes damage to how their current customers perceive their brand.

Some of the factors that affect the performance of your Notes Applications:

- Server Capacity
 - Recommended H/W & S/W configurations of Server
 - notes.ini configuration
 - Xsp properties
- User load
- Network Speed / Bandwidth

- Application Heaviness – Size
 - Application Size - Check Views, Index Sizes
- Code Quality
 - Lookups
 - Partial Refreshes
 - Scoped variables – Application / Request Scopes

It's important to remember that the best way to address performance problems is to find and eliminate them before they affect users in the first place. And of course, test the load regularly and monitor production performance continually.

To know more on how an Application Audit can help you fine-tune these requirements please refer to our Notes Application Audit section.

Here are a few tools to identify the bottlenecks that hamper the performance of your XPages Applications:

- XPages Tool Box
- Yslow/Page Speed
- Firefox Extended Status Bar

In the balance between productivity and infrastructure investments, Maarga will help you optimize your XPages applications or can also assist you in planning the transition through XPages.

XPages is a powerful platform to move your applications to wherever you want. Doing it with a plan towards accounting for the objectives as well as potential hurdles will make it a much smoother exercise.

“Organizations that have capabilities for measuring quality of end-user experience are twice as likely as other companies to improve their brand reputation and 75% more likely to improve employee productivity.”

**Hyoun Park, Research Analyst
Aberdeen Group**

Employee productivity is more often than not linked to efficient performance of organizational systems and infrastructure. And this productivity becomes all the more important when the growth is rapid - both in terms of size as well as complexity. To keep pace mere addition of infrastructure or other system requirements is just not enough to ensure better or even the same productivity.

A sluggish application or a mail that does not open is not only frustrating for a user but also results in a chain of events that ultimately leads to heavy productivity loss. Just as the proverbial nail led to the fall of a kingdom, not doing timely audits will result in a system that is dragging down the efficiency. And XPages, though being an effective tool for rapid transition to the cloud or elsewhere, still has to be done the right way or monitored correctly.

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