Here are the results of yesterday’s load test

Task: Load Test of the Partner Portal

Setup: 5 Test Cases with 50 users and a 10min ramp up period for a total of 1 hour (except the Enroll associate test, which ran through 100 iterations) all ran concurrently.

Main Point: Today's load testing efforts were focused on Partner Portal. Test cases included Enroll a new associate, nav to customer through the dashboard, nav to team through the dashboard, and nav to team and customers directly.

Testing results displayed far more errors in enrolling an associate. The errors began at 16 users. Prior to that there were no errors. The CSRF token is being used in each test so I don’t feel the lack of the token is an issue. These errors do not appear until the system is under load. For the next series of tests I’m going to add pauses to the steps that a user would take so the calls aren’t sent one after another in a rapid fire fashion but flow more naturally as a real user would. Testing revealed enrolling an associate had an error rate of 5%. these were primarily 524 errors which indicate cloudflare has opened a connection but the server is not responding. This would be an issue with the backend I believe. There were also 502 errors, which means a bad gateway indicating a problem with the servers communicating. There were also a few 200 errors meaning the call was successful but the response times were exceptionally long. Average response times were 9.84seconds with 90% of calls returned within 1.54 seconds

None of the navigation tests performed acceptably. Navigate to Customers from Dashboard had a 5.56 error rate. 100% of these errors were the cloudflare 524 error. I’m certain this is load related as the errors begin to appear at the 16 users mark. Response times are of concern as well with 10.82 seconds average and 60.42 seconds for 90% of the calls.

Nav to Customers had a 3.2 error rate. These were all cloudflare 524 errors. Average response time was over 6 seconds with 90% of calls returned in 783ms.

Nav to Teams had a 3% error rate. All of these were cloudflare 524 errors. Average response time was over 6 seconds with 90% of calls returned in 771ms.

Navigate to Team from Dashboard had a 5.26% error rate. 90% of these errors were the cloudflare 524 error with the rest being 200 errors and 500 errors. I’m certain this is load related as the errors begin to appear at the 16 users mark

Takeaways: Cloudflare issue needs to be investigated. Things begin to fall over at approximately 16 users. We will discuss this in our load test meeting 8/6/20

Test Results:

<https://a.blazemeter.com/app/?public-token=uP2O3wa0cB5630qsrB0JznN0Y93xv1YYniiH9dX9BL58hm126y#/accounts/498563/workspaces/499820/projects/631825/masters/30287593/summary>

<https://a.blazemeter.com/app/?public-token=uP1p1CxqwpBq05yZcqC5oyuBv1CjjsNkzv57ecgKrZNk2IByVT#/accounts/498563/workspaces/499820/projects/631825/masters/30287611/summary>

<https://a.blazemeter.com/app/?public-token=PIgD4WjIL9rEQ9tQLVWSw9sASvn0PeuiCFHMVXKeGUZ6cDyeZr#/accounts/498563/workspaces/499820/projects/631825/masters/30287614/summary>

<https://a.blazemeter.com/app/?public-token=GTF43Duy28LTvvkdYmCLJpZULvkOL63QEItNX6zzlQCrXzSv91#/accounts/498563/workspaces/499820/projects/631825/masters/30287625/summary>

https://a.blazemeter.com/app/?public-token=xeb4A0ixRhKh3BIMiQLhMKB71SJS96oO8fXpFyLOpvGE13ryCN#/accounts/498563/workspaces/499820/projects/631825/masters/30287622/summary