



From Troubles to Triumphs

Applying the EUX Score and Login Enterprise in Real-World Scenarios

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- Henri Koelewijn
- Principal Technologist at Login VSI
- Background in software engineering
- Creator of the EUX Score

Login Enterprise






- Capacity Planning
- Proactive monitoring
- Cost analysis
- Application testing

Login Enterprise for 360° proactive visibility



Proactive visibility into the performance, cost and capacity of virtual desktops & apps - spanning production and delivery:

-  Performance monitoring that delivers application visibility *and* response times
-  Cost optimization based on price and performance insights for cloud instances or on-premises/hybrid environments
-  Capacity planning and validation over time to maintain acceptable user experiences

New VDI Environment for 1000 Users

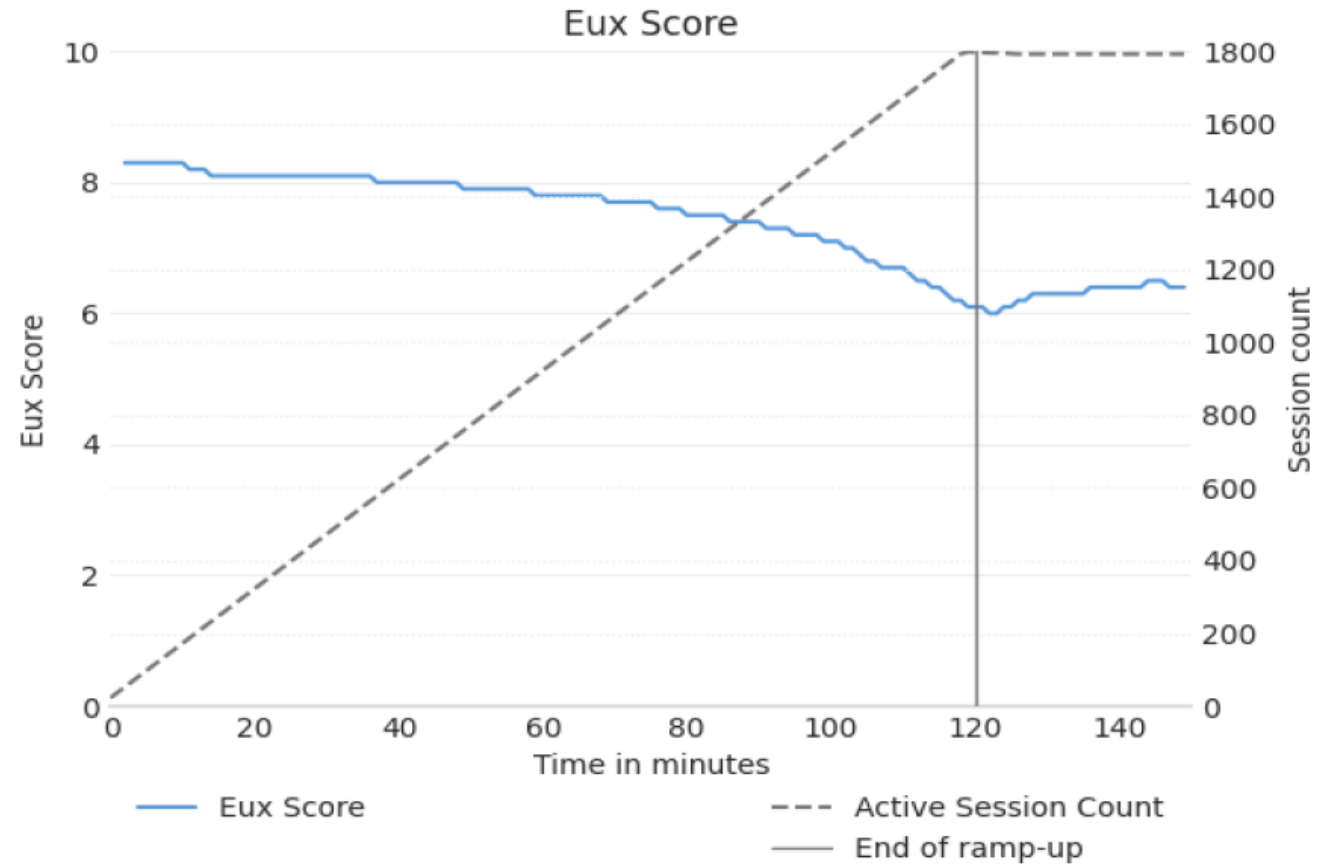
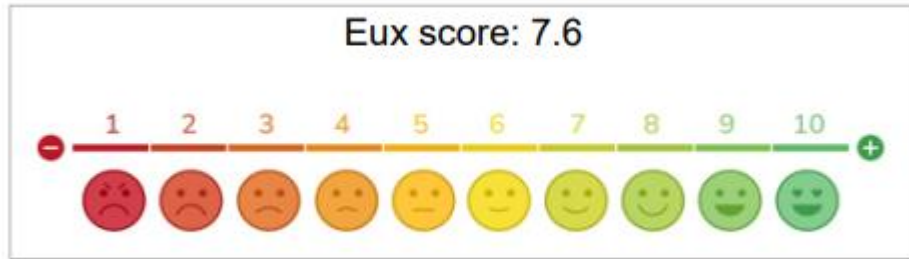


- Deployment done
- Tested with a few users
- Expected to handle 1000 users
- Based on CPU and IO specs
- Ready to go!

Trust But Verify: Let's Perform a Load Test



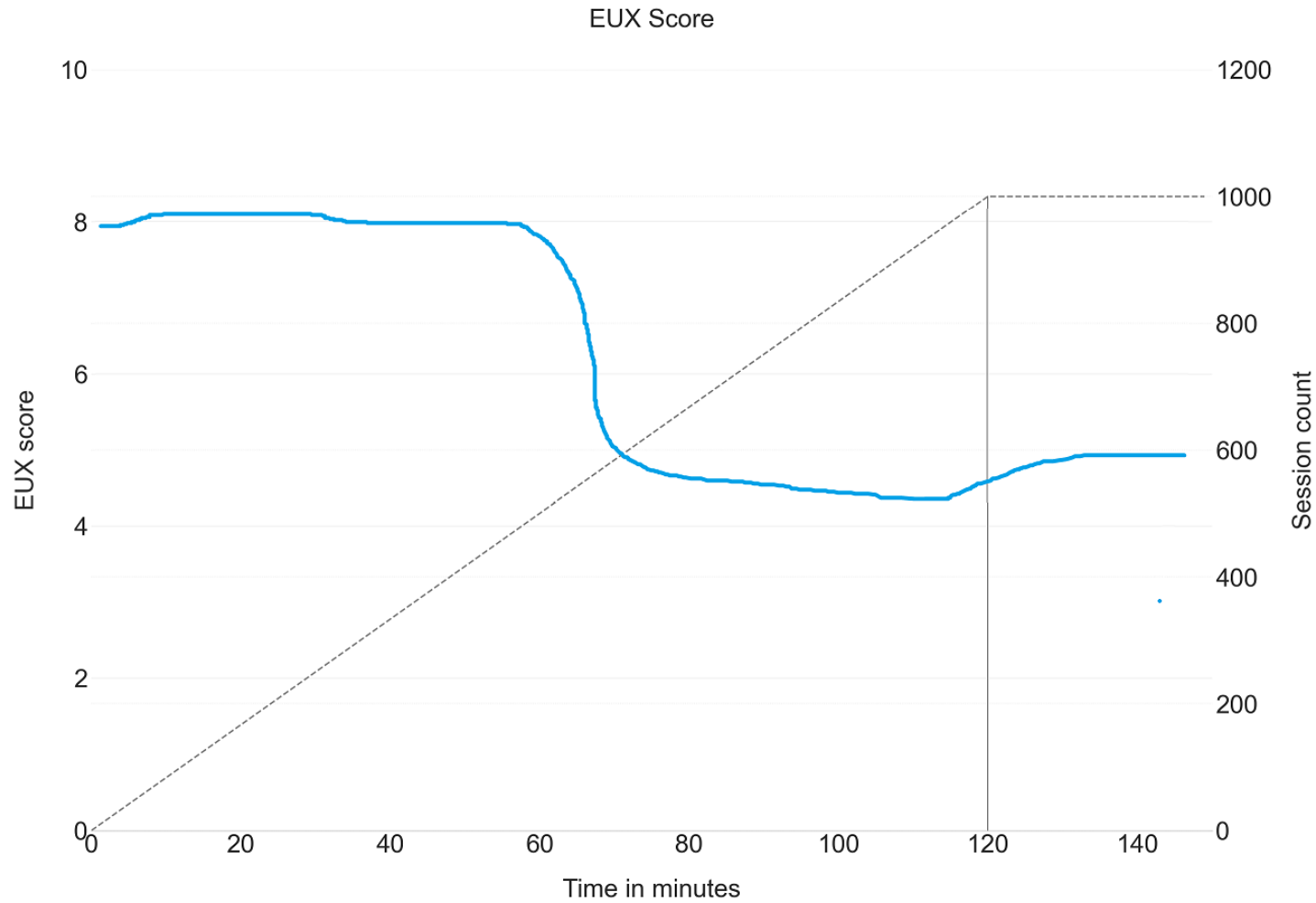
Login Enterprise and the EUX Score





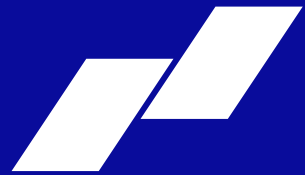
Test Results

Result: Houston, we have a problem...



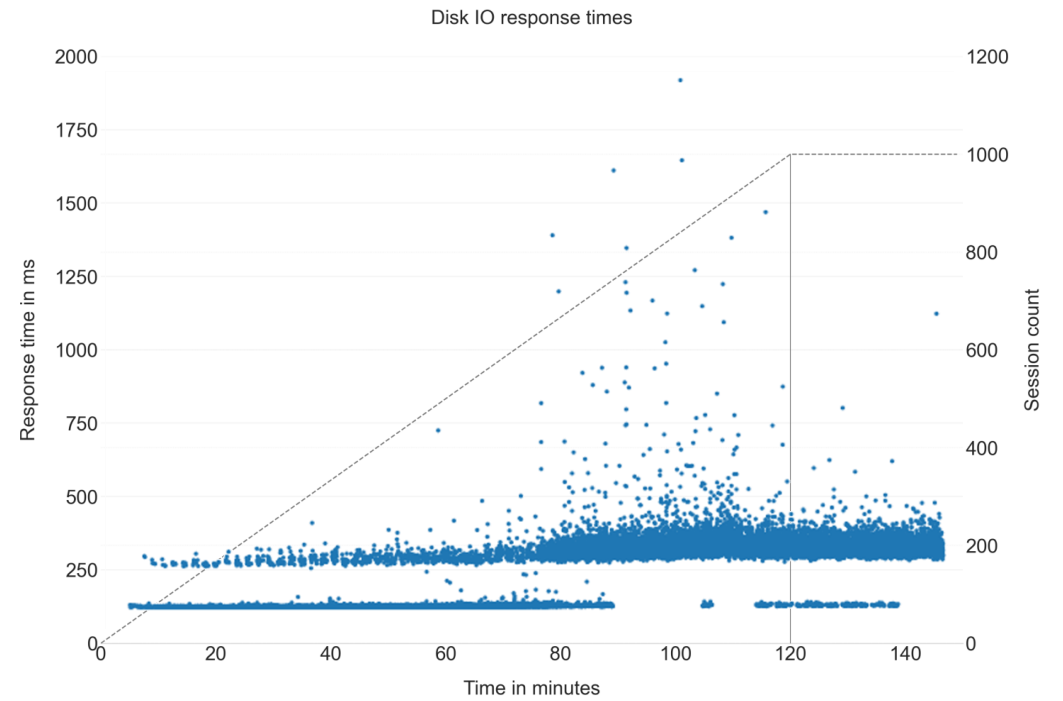
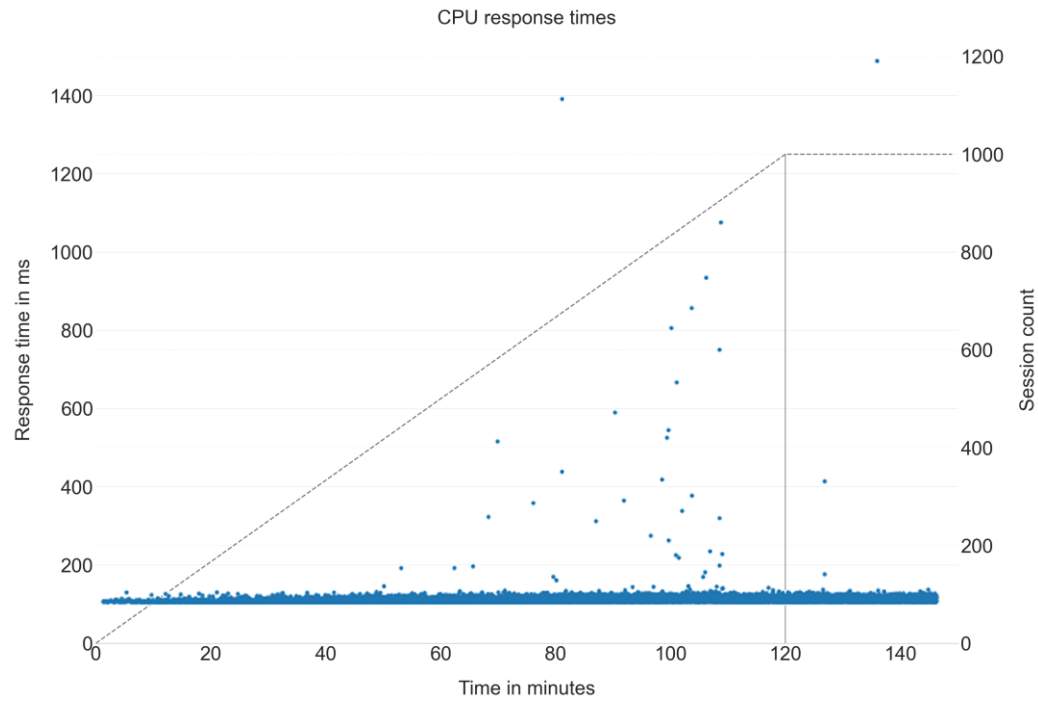
Now What?



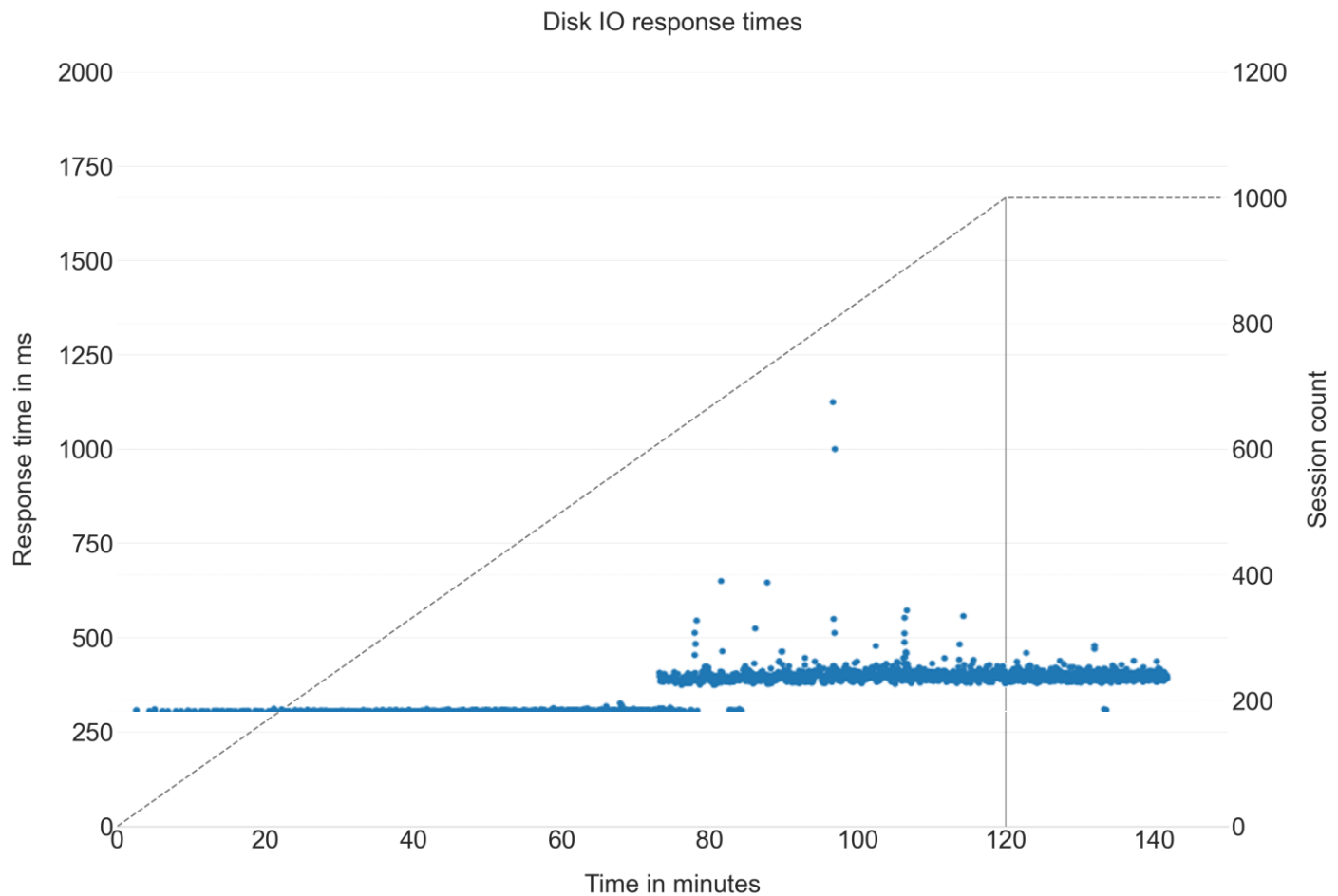


Data Analysis

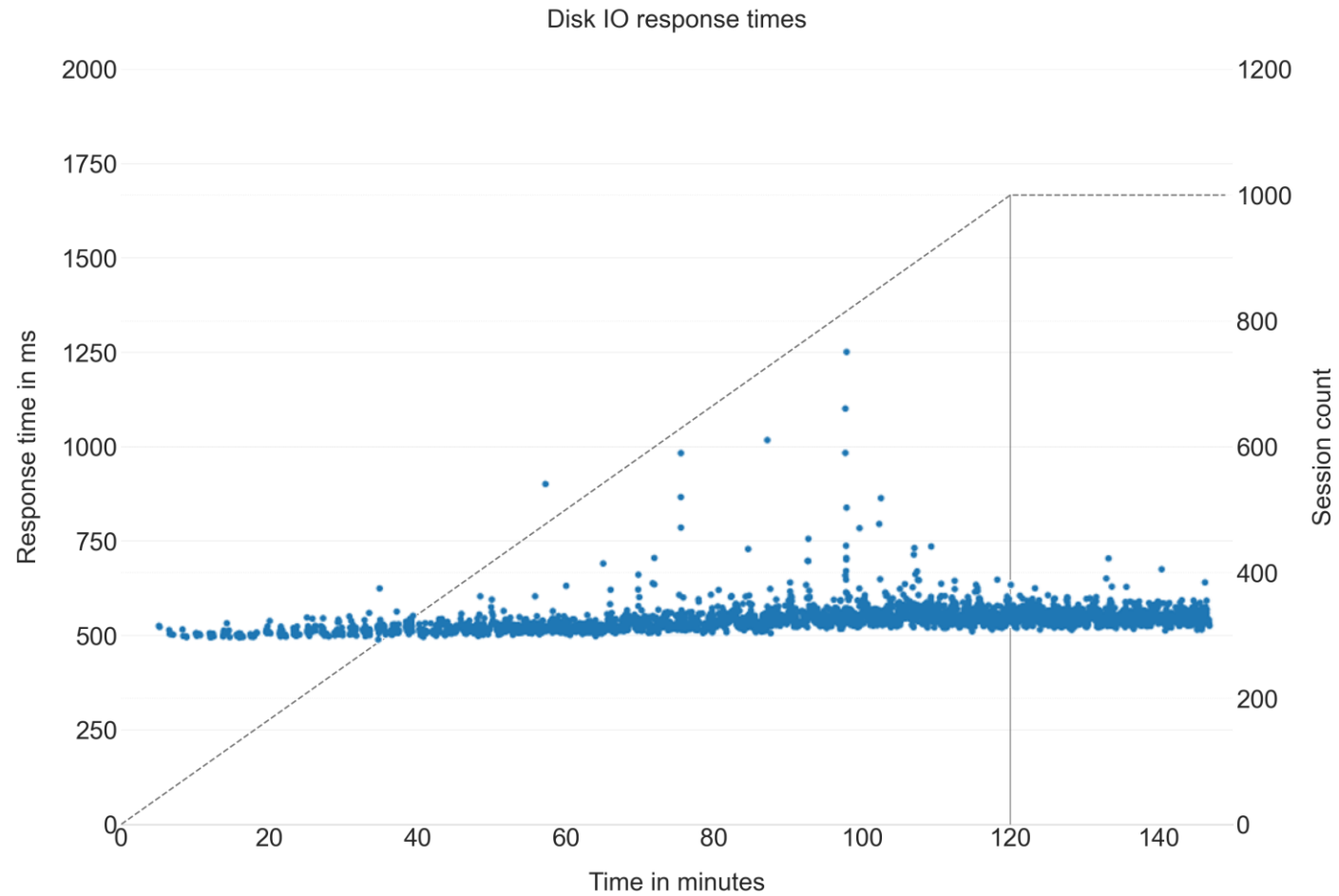
CPU vs Disk IO

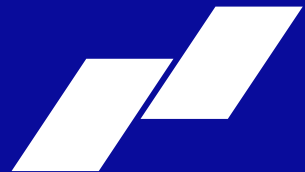


Disk IO Results Host 002 - 004:



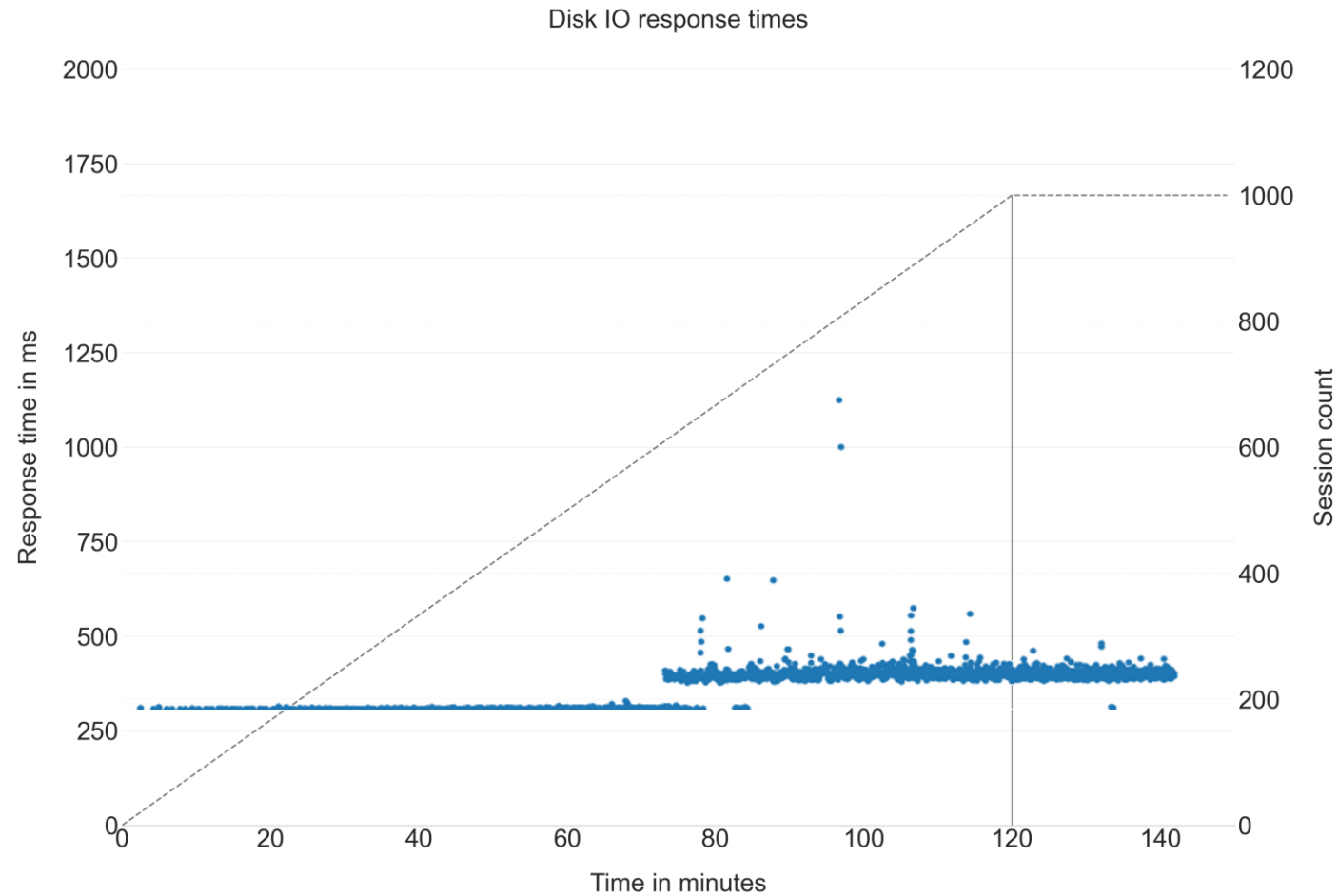
Disk IO Results Host 001:

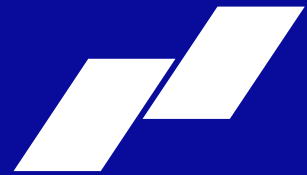




Step 1: Reboot Host 001

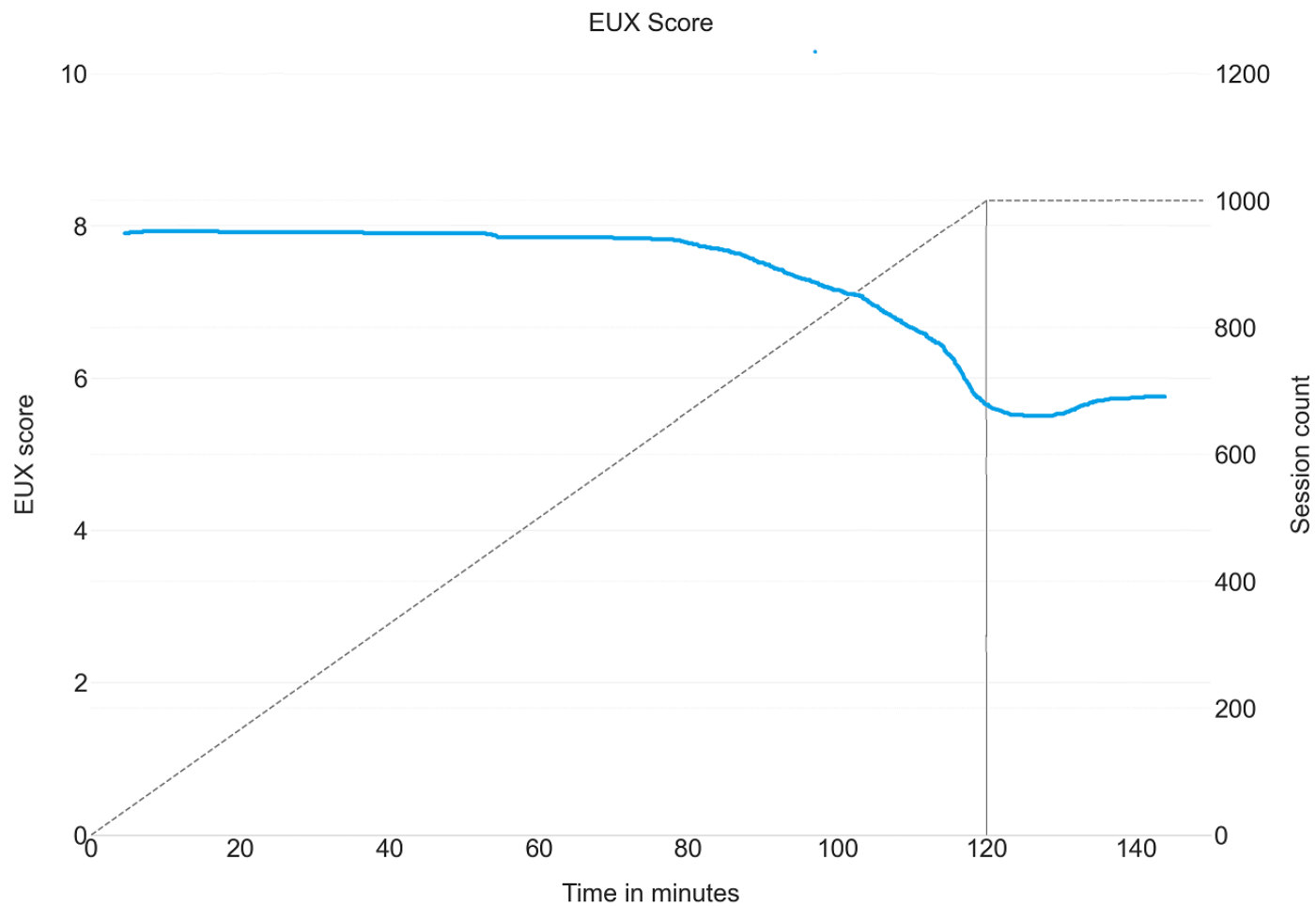
Have you tried turning it off and on again?





Step 2: Clean Image Test

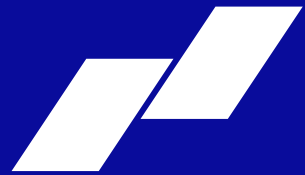
Clean Image Test Result



Result: Happy Customer

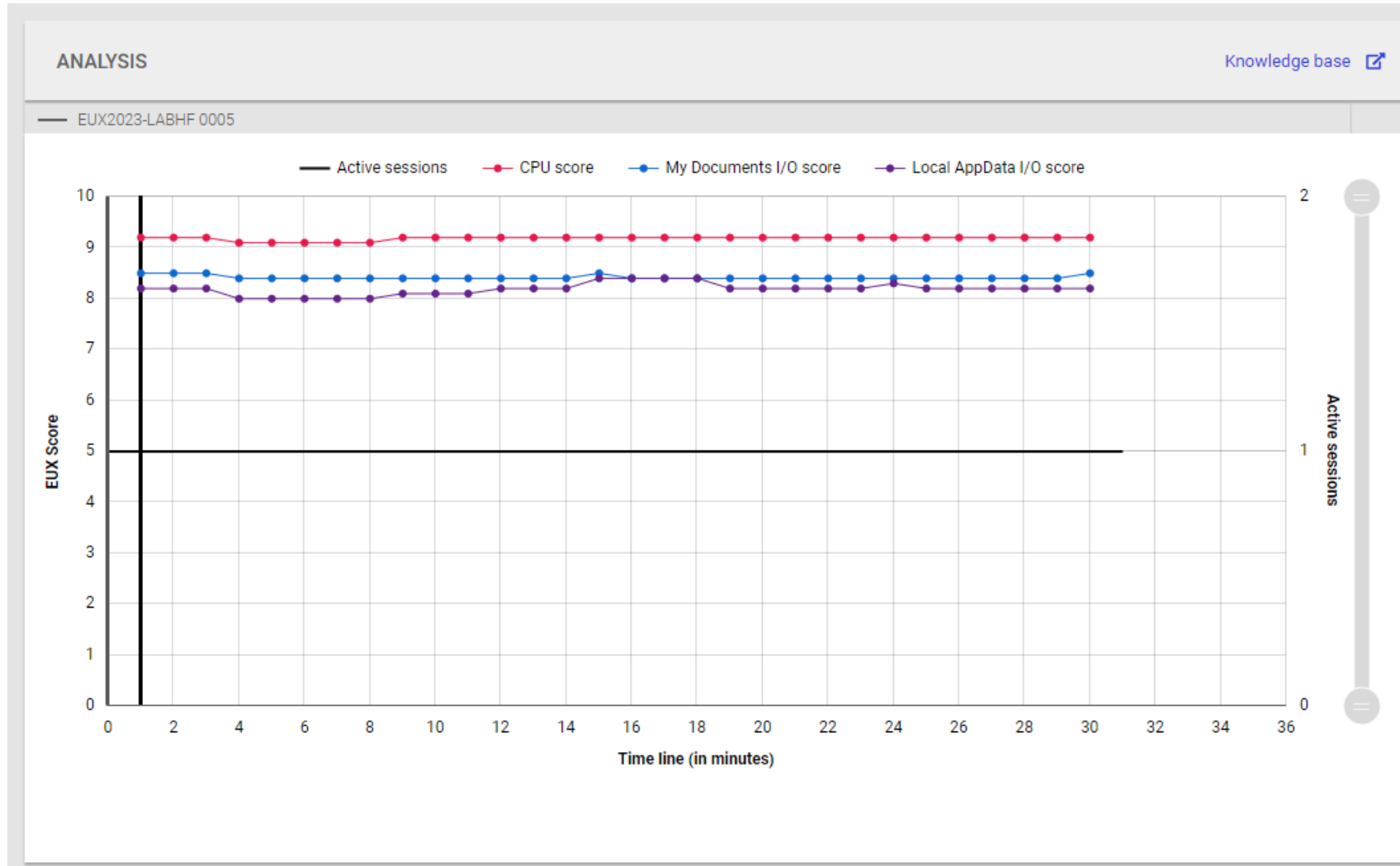
- Disk IO issues resolved
- Avoided disaster
 - Imagine the result of deploying in the initial state
- New customer:
 - Consultant decided to try a Login Enterprise license

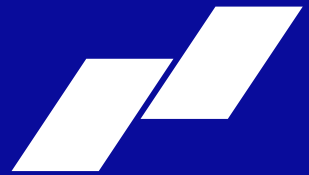




Impact on Login Enterprise

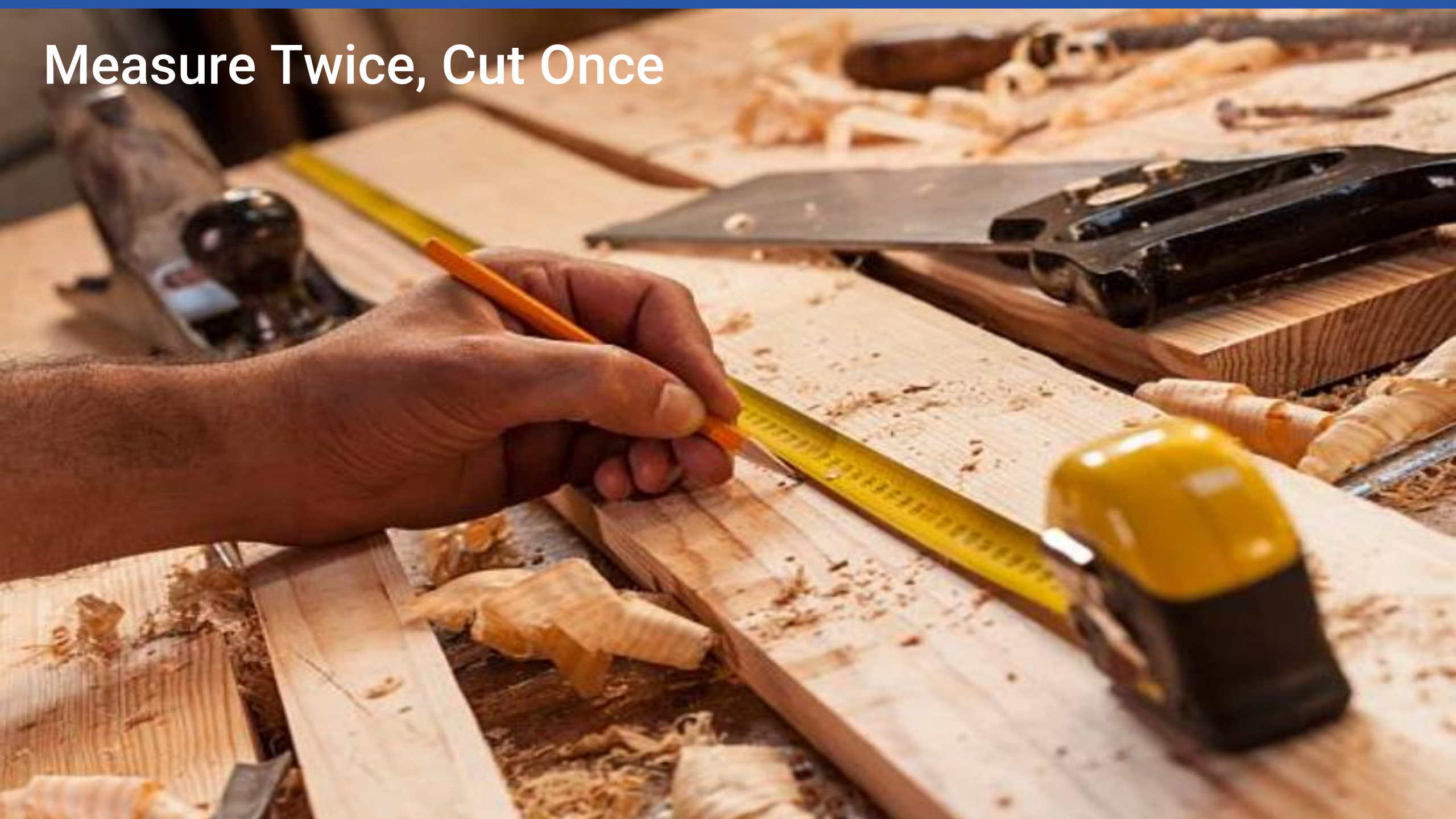
New Feature: Display EUX Details!






Lessons Learned

Measure Twice, Cut Once

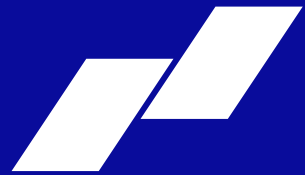


Measure Twice, Cut Once
Use Realistic Scenario's



An elephant and a small dog are sitting on a wooden bench on a beach. The elephant is on the left, holding a white umbrella over both of them with its trunk. The dog is on the right, looking towards the elephant. It is raining heavily, with rain streaks visible across the entire scene. The background shows a dark, cloudy sky and the ocean waves crashing onto the shore.

Measure Twice, Cut Once
Use Realistic Scenario's
Be Nice!



Thank You! Questions?

