

Maximo Upgrade Performance and Load Testing



Performance and Load Testing – Best Practices

- Upgrade is a great time to review the current implementation and make changes for better performance
- Entire infrastructure along with Maximo needs to be considered for performance
- Network bandwidth to handle the requests
- Hardware resources – CPU, memory
- 64-bit hardware and software
- Application server tuned for your Maximo implementation
- Efficient queries, integrations, crons, reports, etc
- Indexes needed
- Maximo Performance Best Practices White Paper
 - https://www.ibm.com/developerworks/community/groups/service/html/communityview?communityUuid=a9ba1efe-b731-4317-9724-a181d6155e3a#fullpageWidgetId=W5f281fe58c09_49c7_9fa4_e094f86b7e98&file=c51d5f5b-dea3-4043-a81f-d5213fc10063

Performance and Load Testing – Available documentation for performance and load testing

- Part of the Maximo upgrade – performance is a key factor
- Allocate plenty of time to test performance and do load testing
- Load testing should be ‘real-world’ load testing
 - Pre-production environment configured exactly how production will be rolled out
 - Same hardware
 - Same number of JVMs
 - Integrations running
 - Cron task set on their production schedule and active
- Load testing should emulate what the users do and how they do it
- IBM has a load testing tool that can be used
- <https://www.ibm.com/developerworks/community/wikis/home?lang=en#!/wiki/IBM%20Maximo%20Asset%20Management/page/Performance%20and%20tuning>

