



# WebSphere Portal Performance Tuning & Troubleshooting

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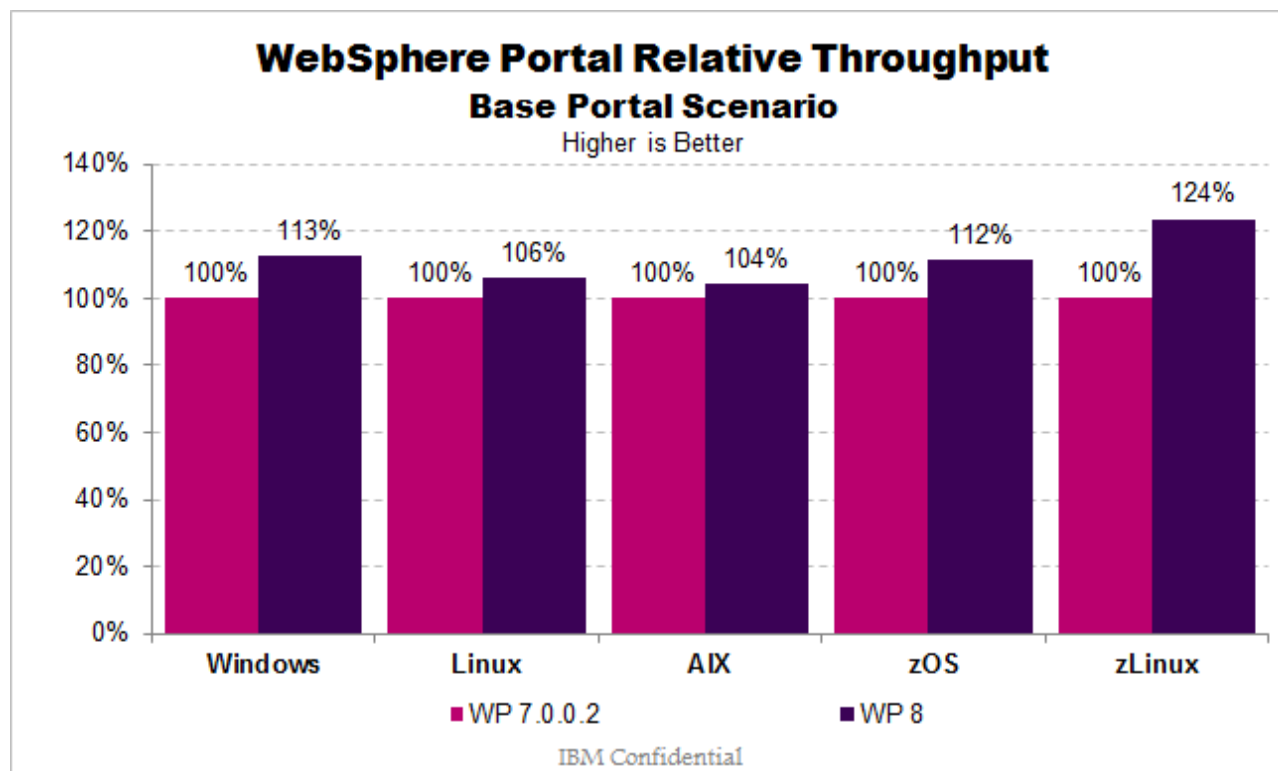
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# Agenda

- Portal 8 Demonstrates Increased Performance
- New Managed Pages Functionality Performs Well
- Portal Tuning Checklist
- Slow Portal transactions?
- Questions



# Portal 8 Demonstrates Increased Performance



- These results are measured using the new Portal 8.0 theme and compare to the Portal 7.0.0.2 theme.
  - Moving from Page Builder 2 to the new Portal 7.0.0.2 theme increased throughput an additional 3 - 4%.

# New Managed Pages Functionality Performs Well

- The performance team measured a new scenario with Managed Pages.
  - Create hundreds of projects & new pages an hour
  - Edit thousands of pages an hour
  - Publish hundreds of pages an hour
- No effect on rendering pages once they are published since published pages are still stored in the release database
  - Only a small performance hit when viewing draft pages
- But, consider a separate authoring server for site administration
  - Overhead of rendering site toolbar on production site
  - Keeps page management workload main system



# Portal Tuning Checklist

- JVM
  - Heap Size
  - Gencon
  - 64 bit
- Threads
  - JDBC & Thread Pools
  - WebContainer Threads
  - IHS Threads
  - LDAP / VMM
- Caches
  - Internal Portal Caches
  - Proxy Servers
  - Browser caching
- 'Rendering' Mode
- Portlet Complexity
- Theme Profiles
  - Active Site Analytics
  - Tagging & Rating
- Old hardware



# Slow Portal transactions?

- Are reported numbers after warm-up?
  - Need at least 10 iterations before measuring
- Slow with one user / all users?
  - All browsers?
  - Local network?
- Slow all the time?
  - Just during the day => possible network issue?
- Application database?
- What's changed?
  - Are you sure?





# Questions

Press \*1 on your telephone to ask a question.



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