Top 10 Lessons Learned Implementing Exadata

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Agenda – Top 10 Lessons Learned

- Background
- Top 10 Lessons
- Conclusion
The Exadata features

- Flash Cache
- Storage Index
- Smart Scans
- Hybrid Columnar Compression (HCC)
Lessons Learned

Lesson 1
• Know what success is
• Know what we are to achieve from a business perspective
• Identify End State Application Architecture

Lesson 2
• Use of Literals. Change to Bind variables

Lesson 3
• Change the Sequences to noordered
Lessons Learned

Lesson 4
• Remove unnecessary indexes.
• Check indexes that are not used.

Lesson 5
• Review your partitioning scheme

Lesson 6
• Review hints used in code and init.ora params

Lesson 7
• Review Compression Strategy to be used
Lessons Learned

Lesson 8
• Review Strategy for LOBS to be used

Lesson 9
• Review parallelism

Lesson 10
• Tuning on Exadata
Lesson 10

The Exadata features

- Flash Cache
- Storage Index
- Smart Scans
- Hybrid Columnar Compression (HCC)
Conclusion

• Lift and drop doesn’t work. Some things will run faster, some things will run slower.

• If we control the code make sure the developers are onboard. If it is an external vendor make sure the Vendor is onboard with Exadata Optimization techniques.
Thank-You