

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

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