

# COMPORESSED BACKUP & RESTORE DATABASE RANDOM TECH STUFF

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# Speaker Profile

- Microsoft Most Valuable Professional – SQL Server
- Masters of Science (Computer Networks) – University of Southern California, Los Angeles, USA.
- Bachelors of Engineering (Electronics & Communication) – Nirma Institutes of Technology, Ahmedabad, India.
- MCP, MCDBA, MCAD
- Founder – [SQLAuthority.com](http://SQLAuthority.com)
- 6+ Years of experience as Database Administrator

# Agenda

- Introduction
- Speaker Profile
- Agenda
- Backup & Restore Database
- Random Tech Stuff
- Summary
- Questions & Answers
- References
- End Note

# Compressed Backup

- Introduction to Backup
- Introduction to Compressed Backup
- Creating compressed backups is supported only in SQL Server 2008 Enterprise and later.
- In SQL Server 2008, every edition can restore a compressed backup.
- Compressed and uncompressed backups cannot co-exist in a media set.

# Advantage of Compressed Backup

- Faster to complete
- Lesser hard drive space

# Dis-advantage of Compressed Backup

- Higher CPU usage
- Higher Memory usage

# Backup Demo

- Backup With Compression
- Backup Without Compression
- Compression Ratio

# || Compression Ratio Dependency

- The type of data
- Consistency of data among rows on a page
- Data encryption
- Compressed database



# Restore Database

- Introduction to Restore Database
- SQL Server 2008 and later version can only read compressed backups and restore them.

# Restore Demo

- Restore Compressed Backup Database
- Restore Uncompressed Backup Database

# More Advantage of Compressed Backup

- Compressed Database Backup are faster to restore than uncompressed database backup.

# || Did you know that...

- Restoring *master* database is only possible through special method. (RESTORE keyword works on other databases except master)
- Online restore is allowed only in SQL Server 2005 Enterprise Edition and later version.
- Most developer finds issue with their backup when they try to restore them.

# Your Ideas on Backup and Restore

Your Suggestions

# Summary



# Questions and Answers



# References

- [Microsoft Book Online](#)
- [SQLAuthority.com](#)
- [SQL Server 2008](#)



# || End Note

- Thank You!
- For any questions or queries contact me at [pinal@SQLAuthority.com](mailto:pinal@SQLAuthority.com)