ASM (Automatic storage management)

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# Asm is providing 2 features:

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1. Mirroring

2. Striping

1. Mirroring:

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• mirroring means copy of your data.

• If we enable mirroring in asm and having disk groups.when we insert 10 gb of data it will store in disk group 1 and also store the same 10 gb data in disk group 2 also.

• Whenever the disk group 1 got corrupted. Even we can retrieve the data from disk group 2.

• in asm we no need to depend on backup and restoration.

2. Striping:

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• When we insert the 10gb of data it may insert 5gb in disk group 1 and 5gb in disk group 2.

• We don’t have control where to store the data.

• We don’t know in which disk it is storing the data.

# Requirement to configure ASM:

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1. server

2. OS

3. grid software.

4. Oracle database software.

5. Database creation.

• installing grid software will provide 2 important features .

1. ASM

2. CLUSTER