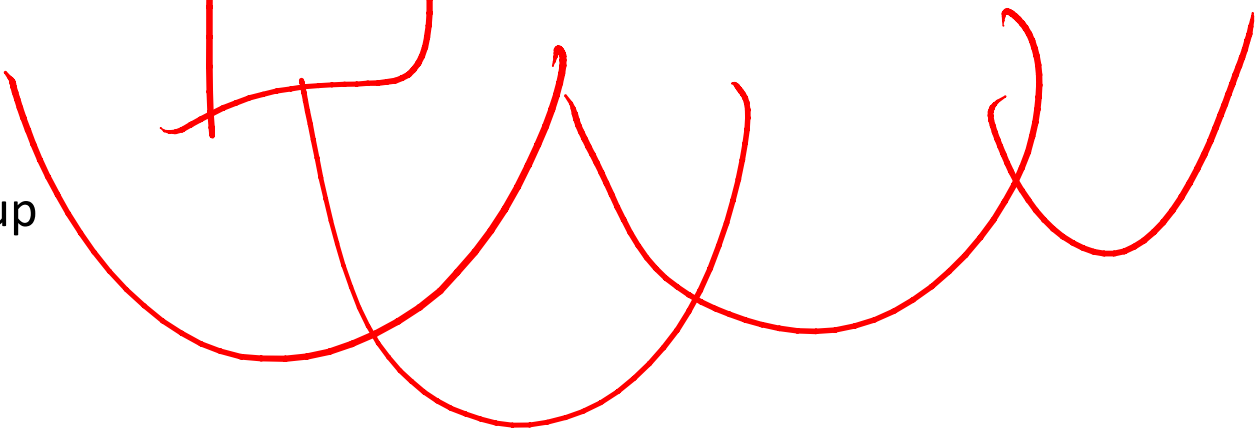
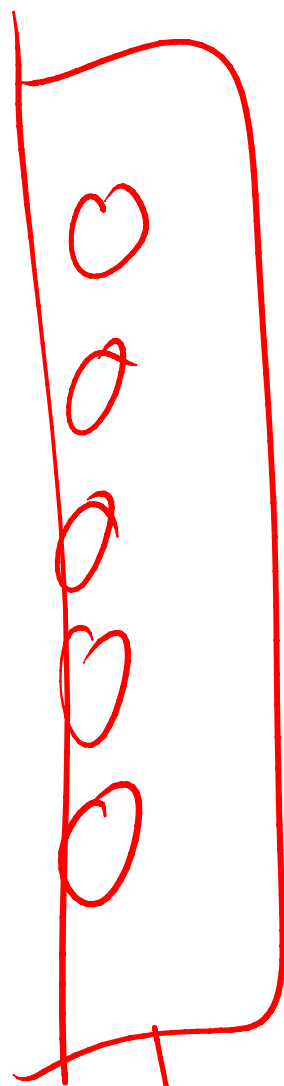
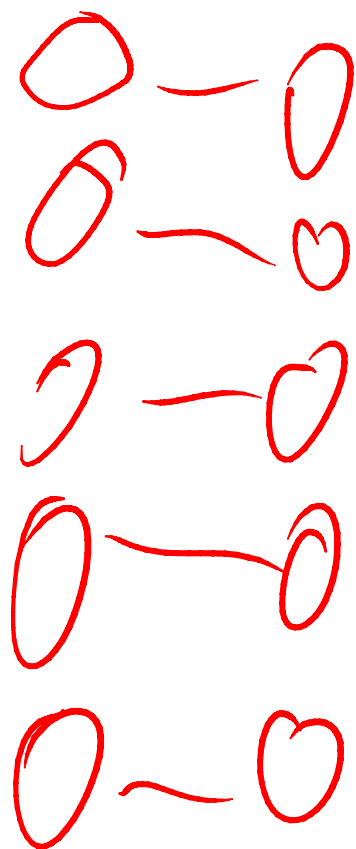


Redundant Mirrors



RAID 10 triple mirroring SAN setup

1GB OS

32GB

1GB 4-16GB

1GB 8GB > 64GB

4GB

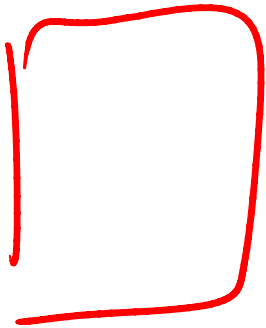
+1

+1

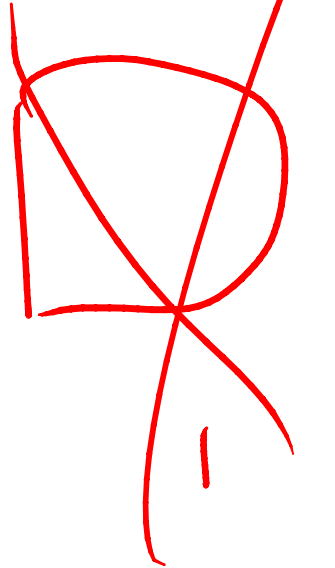
6GB

26GB

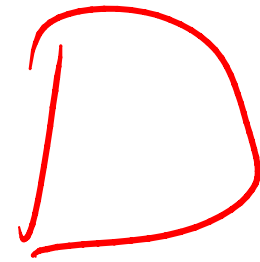
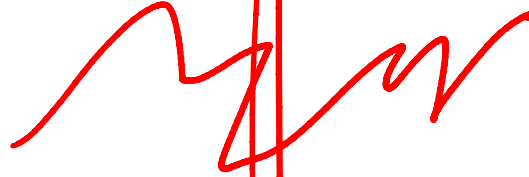
Max Server Memory calculations from
Troubleshooting SQL Server book.



1

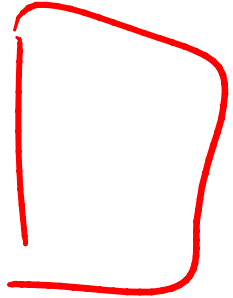


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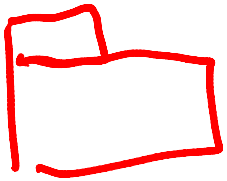
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1

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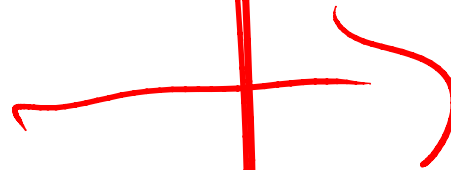
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3/3

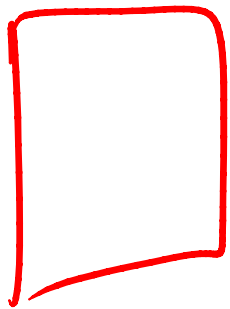
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3/5

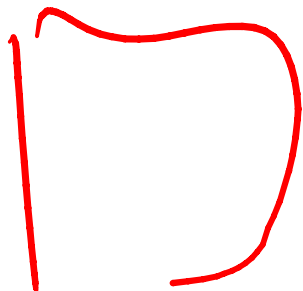
2/5



Node voting configuration for
quorum when remote nodes exist
in a DR site

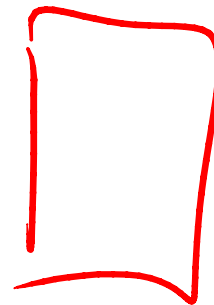


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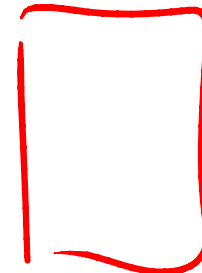


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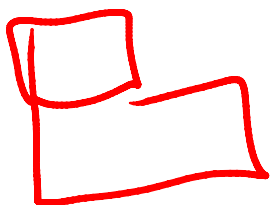
NORMAL
VOTES



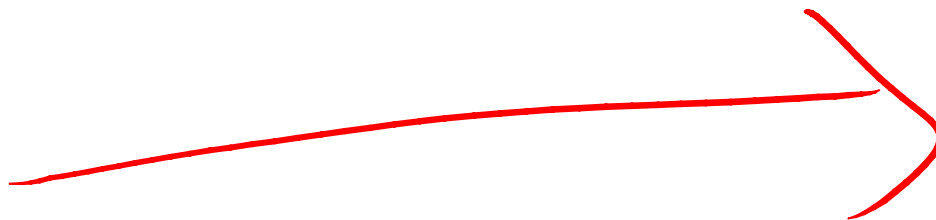
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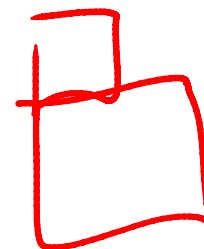


6

0

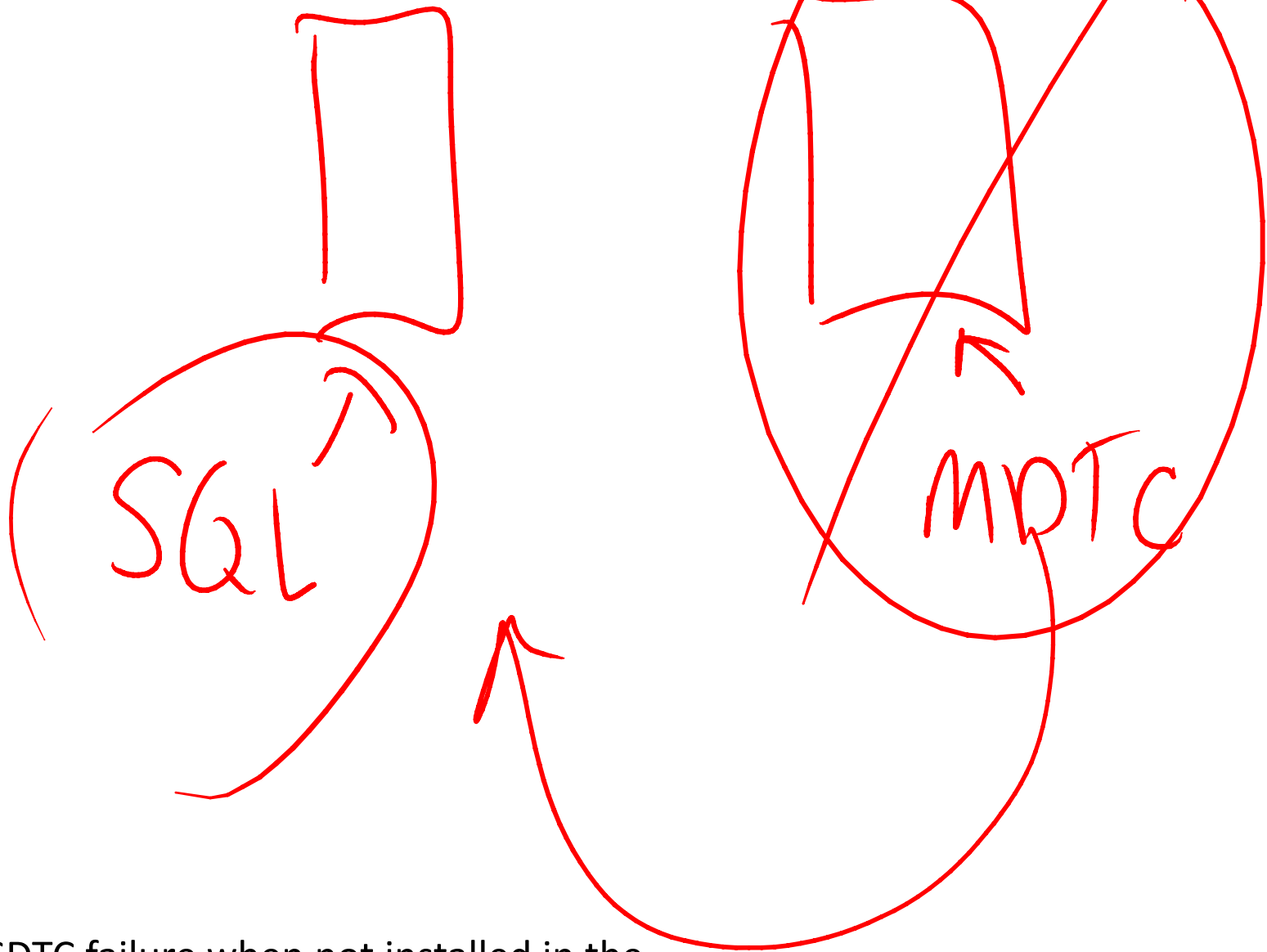
Configuring quorum using Node and file share
quorum with remote DR.

Shift to DR changes

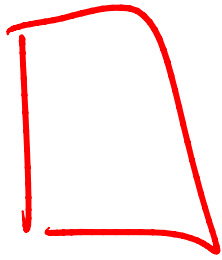


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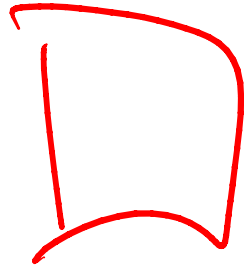
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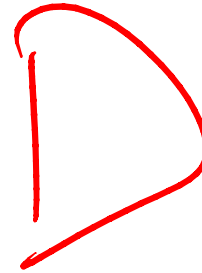
Clustered MSDTC failure when not installed in the SQL Server resource group



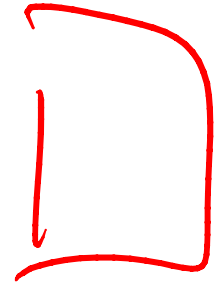
100%



100%



100%



100%

80%

80%

20%

20%

BINDPACKING

Hyper-V prevents powering on CPU Reserve VMs when the reserve is not guaranteed across all vCPU allocations, even if the % of total resources is still available.