

OS Overview Q & A #3

Question: What are the primary differences between Network Operating System and Distributed Operating System?

Answer: Network and Distributed Operating systems have a common hardware base, but the difference lies in software.

Sr. No.	Network Operating System	Distributed Operating System
1	A network operating system is made up of software and associated protocols that allow a set of computer network to be used together.	A distributed operating system is an ordinary centralized operating system but runs on multiple independent CPUs.
2	Environment users are aware of multiplicity of machines.	Environment users are not aware of multiplicity of machines.
3	Control over file placement is done manually by the user.	It can be done automatically by the system itself.
4	Performance is badly affected if certain part of the hardware starts malfunctioning.	It is more reliable or fault tolerant i.e distributed operating system performs even if certain part of the hardware starts malfunctioning.
5	Remote resources are accessed by either logging into the desired remote machine or transferring data from the remote machine to user's own machines.	Users access remote resources in the same manner as they access local resources.

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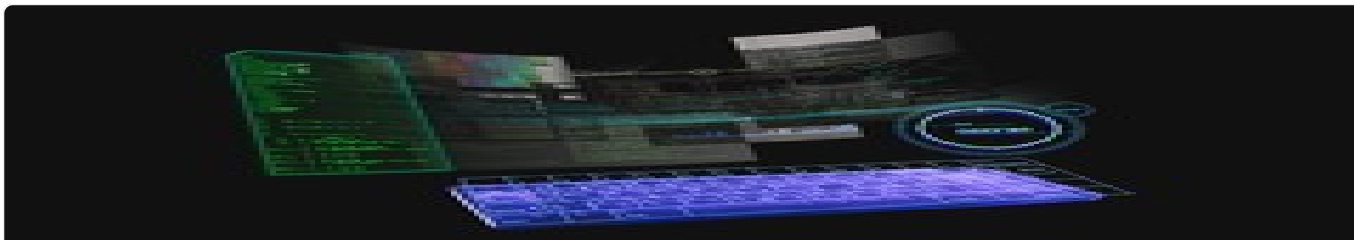


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