

# Study Questions

*Chapters 15 & 16: Network Structures, Distributed System Structures*

*“Operating System Concepts 5/e” Addison-Wesley*

*Silberschatz/Galvin*

CS 4210 Advanced Operating Systems

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1. What's the difference between a centralized operating system and a networked operating system?  
A networked operating system and a distributed operating system?
2. What is “process migration”? Why might you wish to “migrate” a process?
3. What are the four major motivations S&G give for wanting to build distributed operating systems?
4. We say that distributed systems are “loosely-coupled”. What does that mean?
5. Why is difficult to “scale” a distributed system or distributed operating system to include hundreds or thousands of hosts?