





















Conditions for Deadlock 9. No preemption 9. A process holding certain resources is denied a further request, that process must release its original resources 9. If a process requests a resource that is currently held by another process, the operating system may preempt the second process and require it to release its resources























Strategies once Deadlock Detected Abort all deadlocked processes

- Back up each deadlocked process to some previously defined checkpoint, and restart all process
 - original deadlock may occur
- Successively abort deadlocked processes until deadlock no longer exists
- Successively preempt resources until deadlock no longer exists









