













Who executes migrated entity?

- Code migration:
 - Execute in a separate process
 - [Applets] Execute in target process
- Process migration
 - Remote cloning
 - Migrate the process







Resource Migration Actions				
Resource-to machine binding				
		Unattached	Fastened	Fixed
Process-to- resource	By identifier By value By type	MV (or GR) CP (or MV, GR) RB (or GR, CP)	GR (or MV) GR (or CP) BB (or CP, CP)	GR GR BB (or GB)
Sintanig	Bytype			
• Actions to be taken with respect to the references to local resources when migrating code to another machine.				
• GR: establish global system-wide reference				
• MV: move the resources				
• CP: copy the resource				
• RB: rebind process to locally available resource				
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Case study: Condor

- Condor: use idle cycles on workstations in a LAN
- Used to run lareg batch jobs, long simulations
- Idle machines contact condor for work
- Condor assigns a waiting job
- User returns to workstation => suspend job, migrate
- Flexible job scheduling policies



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