2. Performance in Computer Systems 2. 2 Définitions 2.1 Computer system
- Personal conjuters (Desktops) - Surry - Em sidded conjuters sthroughput Computers Example of response time vs. Heroughput The following changes increase Scroughput, response time or book ? 1 leglan the processor in a computer with a factor recoine 1 Add additional processors to a system that were multiple processors for separate tacks 1 Response time is improved but throughput as well Terminalogy - avoid "increas/haren" 2 Throughput is improved & & & Scenario 1 (T) (T) (T) - use "improve" Performance as execution (response) time response your Performance, => Execution time x L Execution time, x 1 - ... in times laster stream Corupe for y Performance z 1 Execution time x Computer n'is n'times faster dian Computer y Performance Example Conspiter A news or program in to records Execution times Compiter & reas the Same program in 15 seconds Perfermances Exention King 10 sec = 1.5 => Computer A 15 1.5 lines fester Hear Computers

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Execution time &