egystem eall: The purpose of a system eall is to sted request the operating sepatem wound to personne some aethrity. 7 System call provides an interface between J a process & the ose Tolystem early are generally available as assembly language instructions, but now-adays, these are anallable as highlowel languages like e, PERL ett. 7 There are different types of systemcalls for performing different kinds of task. 2000 System calls for Process control ci)end, about (whoad, execute (14) create process, terminale process (iviallo cade 2 free memory dos proces) System calls for FAL manifulation (1) create the, delete the (iv) getfileattributes, set file attributes (11) open, close System calls for Device Management (1) request device, release device (" get device aut sibute, set-device attsibute (W sead, worth (1V) logically assach or detach device System calls dor information maintenance (1) gettime or get date, settime or setdate (11) get systemdata set systemdata (11) get process, sile or deviceatisibutes (V) set process, sile or "

System call sor communication 6 (1) exeate, delete communication connection (11) send meg, receive mag (11) open commeeten, clase connection, accept accept connection (IV) read message, write message (V) attach or detach semolederices Suppose we mant to send a directory. The os have ra soutine for seading creating a discessory. To execute this we have to make a system call. The steps of system call are. 10 The system service à requested. Ist the process is running a user program in user mode 2 it needs a esystem service, then it has to execute a trap instruction, to transfer control to the os i.e switch from user mode to kernet mode. 20 the Os then finds out what the calling process wants by inspecting the parameters. 7 Three general meshods are used to pass parameters to the os (1) Passing the parameters in registers (11) Is there are more paramders than registers, then they are stored in a block or table in y 2 the address of the

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