HYPERVISOR VIRTUALIZATION OF OS CONSOLE AND OPERATOR PANEL

ABSTRACT

A logically partitioned data processing system in which shared resources are emulated to provide each partition a separate copy of the shared resource is provided. In one embodiment, the logically partitioned data processing system includes a plurality of logical partitions, a plurality of operating systems (402 – 408) executing within the data processing system and a plurality of assignable resources. Each of the operating systems is assigned to a separate one of the logical partitions, such that no more than one operating system is assigned to any given logical partition. Each of the assignable resources is assigned to a single one of the logical partitions. The logically partitioned data processing data processing system also includes a hypervisor (510). The hypervisor (510) emulates shared resources, such as an operator panel and a system console (580), and provides a virtual copy of these shared resources to each of the plurality of logical partitions.

Fig. 5