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Segregation of Test and Production virtual machines using vmware permissions

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One of the principal advantages of virtualization is the ease of which new virtual machines can be commissioned and deployed. This can also lead to rapid and undocumented growth of Test/Dev VMs which, unless properly managed, can contend for resources with Production VMs.

This problem was addressed at the Australian Synchrotron by establishing two separate VMware clusters and applying permissions to govern who can create VMs on the test and production clusters and a criteria for migrating VMs from Test to Production.

In this way the Australian Synchrotron retained the freedom for staff to rapidly create VMs while ensuring that production critical VMs are controlled and do not have to contend for resources with test and development VMs.

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