

Saturday, November 29. 2008

Redundant I/O domains with LDOMS

An commentator at this article stated, that you don't have redundant I/O servers. My colleague Martin Mueller pointed me at the Immersion Week to a fact that i wasn't really aware of (albeit it's obvious when you read the documentation, i just didn't really thought about this topic): It's perfectly possible to configure a redundant I/O domain with LDOMS (albeit there it's not possible on every LDOMS capable server)

Most of the UltraSPARC T-class based systems have multiple PCIe busses. It's a valid configuration to boot up two I/O domains and giving both of them one of the PCIe busses. When one of the I/O domains fails, it's still capable to use services reachable by the other domain. There is even a good blueprint about such configurations - LDOMs I/O Best Practices: Data Reliability with Logical Domains

PS: This is one of the two things i've learned in Jena. About the other thing i'm not allowed to talk ... the "Stay tuned" in Jonathans talk at CEC makes much more sense now ...

Posted by Joerg Moellenkamp in English, General at 20:36