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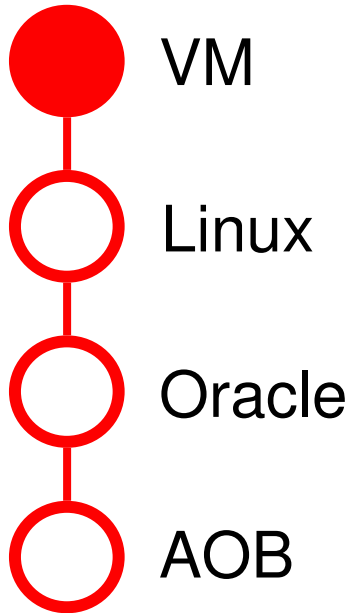
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Experiences

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Agenda





VM

- Support requirements vary
 - Our own tests
 - Customer testcase
 - Bug management and diagnosis
- We have 15 guests (of many more in the LPAR)
- 1 master, 4 perm, 4 diag, 6 crash and burn
- 200 GB shared 3390 (32 volumes)
- 1 3390 divided into 40 200mb minidisks
- We run SLES9,10 and RHEL4,5

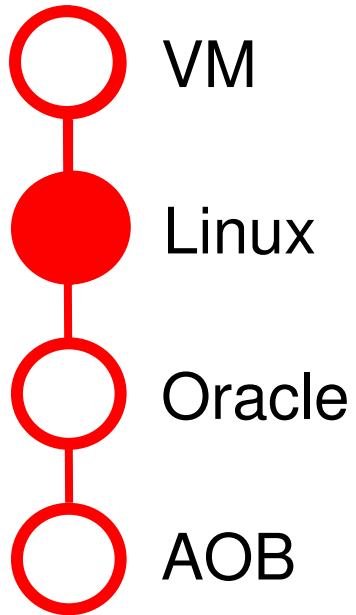


Disk management

- All disk available to all guests
- Allows consistent logical names – the same volume is DASDA everywhere
- Assignment currently on a trust system – this will change
- Allocation Unit is 1x3390 or 1x200mb MD
- Each guest has 1x3390 private, 2GB swap in virtual
- We add allocation units by need
- Units freed to the pool on completion



Agenda





Linux considerations

- Many possibilities
- Basic 1 base 3390
- After LVM
- ASM etc (oracle)
- Always put as much in as possible during initial install
 - ftp
 - Desktop
 - We are behind a number of firewalls, so always 'sandbox'



Complexities

- There is a lot of (by default) manumatic work to do
 - Kernel
 - Profile
 - /etc/justabouteverything
 - Permission
 - Su/sudo
 - Vi (say no more)
 - Genetic ISPF, me



Discussion !!

- Kickstart ? AutoYast ?
- Silent installation ?
- Scripts and ftp ?
- Clone?
- What do you do, and why ?
- What can you share ?



Oracle

- Consider installation sequence
- CRS
- ASM
- DB/RAC
- Raw vs block devices – kernel support ?
- OCFS2
- 10.2.0.2, accept link errors, patch and carry on
- 10.2.0.4 + PSU pretty much a prereq



Misc issues

- Load management
- Monitoring
- CP hold



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