

Linux Client Inventory

Why
How
When



- How many SLC nodes on site?
- How many still SLC4?
- How many nodes of model X?
 - Is problem with package P important?
- How many nodes with graphics card Y?
 - Is problem with driver D important?
- How many running kernel Z?
- How many have bad BIOS version



- Part of information available, but
 - Distributed over several DBs
 - Difficult to match
 - Not always un-equivocal



- Get tool to collect information in central DB
- Ocsinventory
 - Open source
 - Multi platform
 - Flexible
 - Good scalability
 - No impact on machine performance
 - Data collection fast and in background
 - Server issues do not block client



- Hardware info
 - Model, CPU, graphics, memory, disks, BIOS
- Software
 - RPMS installed, running kernel
- Additional
 - Last boot time
- Not collected
 - Login times, apps used, picture collections,...



- Access is restricted
 - No personal info collected
 - Some info is security relevant
 - List of nodes running kernel x.y.z: easy to hack



- Will install client on all nodes
 - All needed packages in SLC repository
 - Starting with SLC6
 - Already implemented
- Automatic configuration
- No user interaction required

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