

VMWare Provisioning

Members

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Repository

<http://crew-git.ccs.neu.edu/git/vmp>
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Documentation

- https://docs.google.com/document/d/1w_W4A39CHGzUIYh_GtsKK5HuNBPSdX6Xuvu7JltFCXE/edit?hl=en&authkey=COyanrUL

Tools

PowerShell
Official powershell support
Python
monitoring with pywbem
python api pyvix (could use more research)
libvirt
libvirt VMware (ESX/ESXi/GSX/etc) driver

Goals

- Eliminate repetitive clicking
- Automate everything

Vision

- Out of band tool which collects statistics and performs actual tasks at scheduled intervals
- Web front end which ties into ccis-ldap which allows requesting, rule setting, status viewer

Bookmarks

- <http://www.vmware.com/support/developer/vc-sdk/visdk41pubs/ApiReference/index.html>
- <http://vijava.svn.sourceforge.net/viewvc/vijava/trunk/src/com/vmware/vim25/mo/samples/?sortdir=down>

News

- Python + libvirt is complete and utter fail. I have never been so disappointed.
 - Impossible to follow documentation (incomplete)
 - Authentication is a joke
 - Research of product is taking longer than manually creating 5 million vms
- Jython seems very promising. Currently installed jython on the test box for an evening of hacking fun
- We can now make vms using the api, code has been pushed to the repo
- 2/21 Made first vm using api, pretty sweet stuff
- Also changed password for the api user
- limbourne has been re-added to vSphere (we all need admin access on the crew "datacenter" - Done 1 Mar 2011 BillF)
- Need to create a user for the api, unless we are going to be using our own accounts
- On to the frontend, I'm working on some initial stuff before we get to a base commit

