

Generic machine-types

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The idea

- If we can setup a whole grid cluster
- why can't we setup a simple traditional service
 - http
 - imap
 -

Why are these machine-types special?

- They are depending hard with OS templates
- They don't need to have a gLite branch
 - Therefore we have no machine-type/base
- Introduction of machine-type/core
 - lighter than machine-type/base

Base VS Core

- This is topic that keeps coming in my mind
- Do we really need all these packages?
 - Too many unused packages
 - They CAN lead to security threats
 - They CAN lead to dependancy issues

Ready to be released

- machine-type/web-server
 - A list of httpd (apache) modules supported
 - php
 - perl
 - dav_svn
 - python
 - SSL
 - ree-passenger
 - Heavy use of filecopy -> ncm-httpd(?)

Still needs lots of polish

- machine-type/imap-server
 - postfix
 - courier/courier-authlib
 - procmail
 - ldap/nss_ldap
 - dspam
 - clamav
 - krb5
- Almost everything of it in filecopy :(

In plans

- machine-type/db-server
 - Use of current work in mysql at first
 - possible extension to postgresql
- machine-type/nfs
 - does it need to be a gLite node?
- machine-type/openvzhost or xen-host
 - light “wrappers” for base or core

Thinking of it...

- What if we want a server acting as:
 - webmail (web)
 - imap server (imap)
 - ...
- The machine types should be able to be combined
 - Same applies for gLite ones?

Thank you

- This is not something to be presented but something to be discussed
 - and this is a good opportunity to do so :)