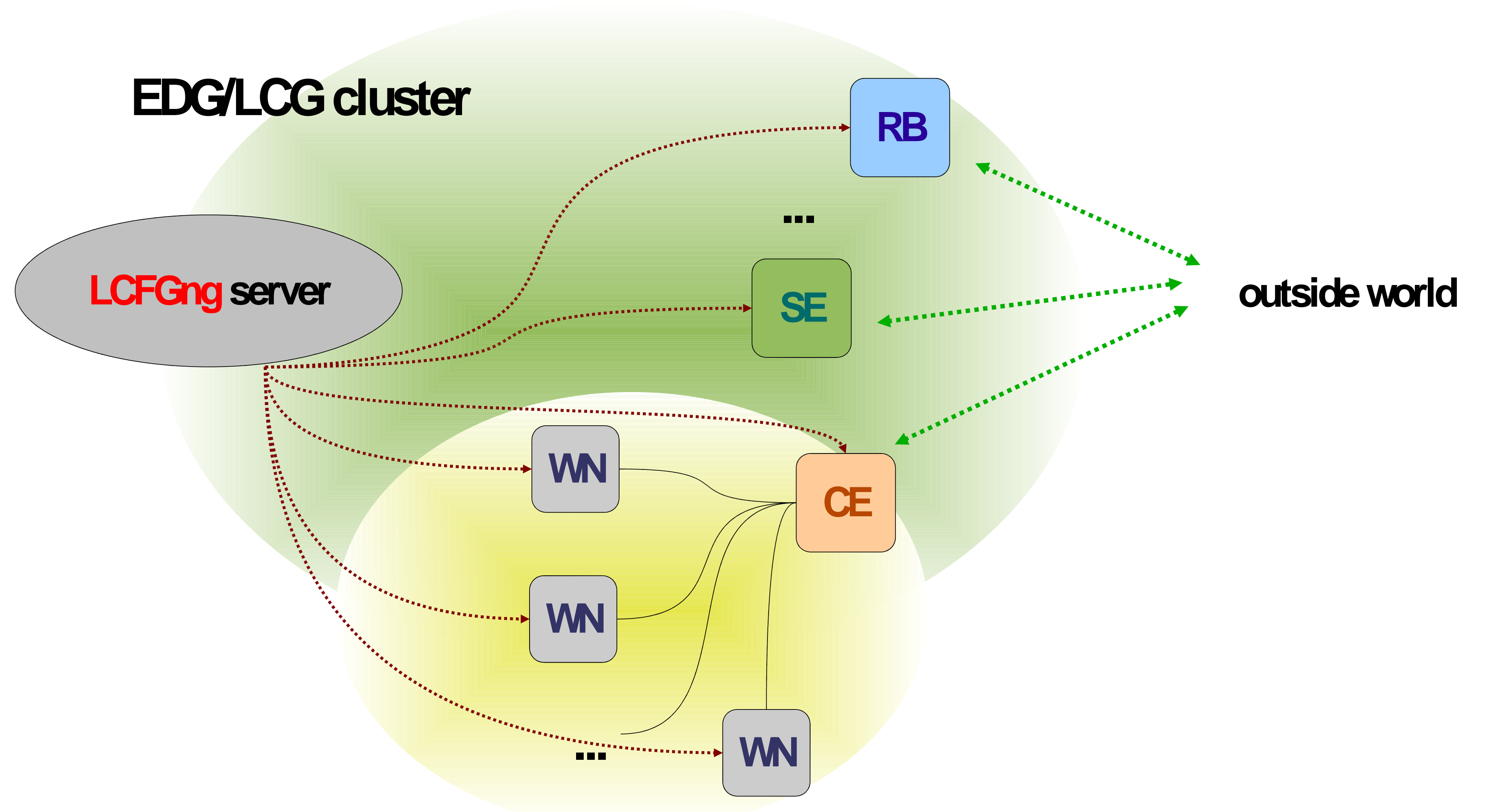


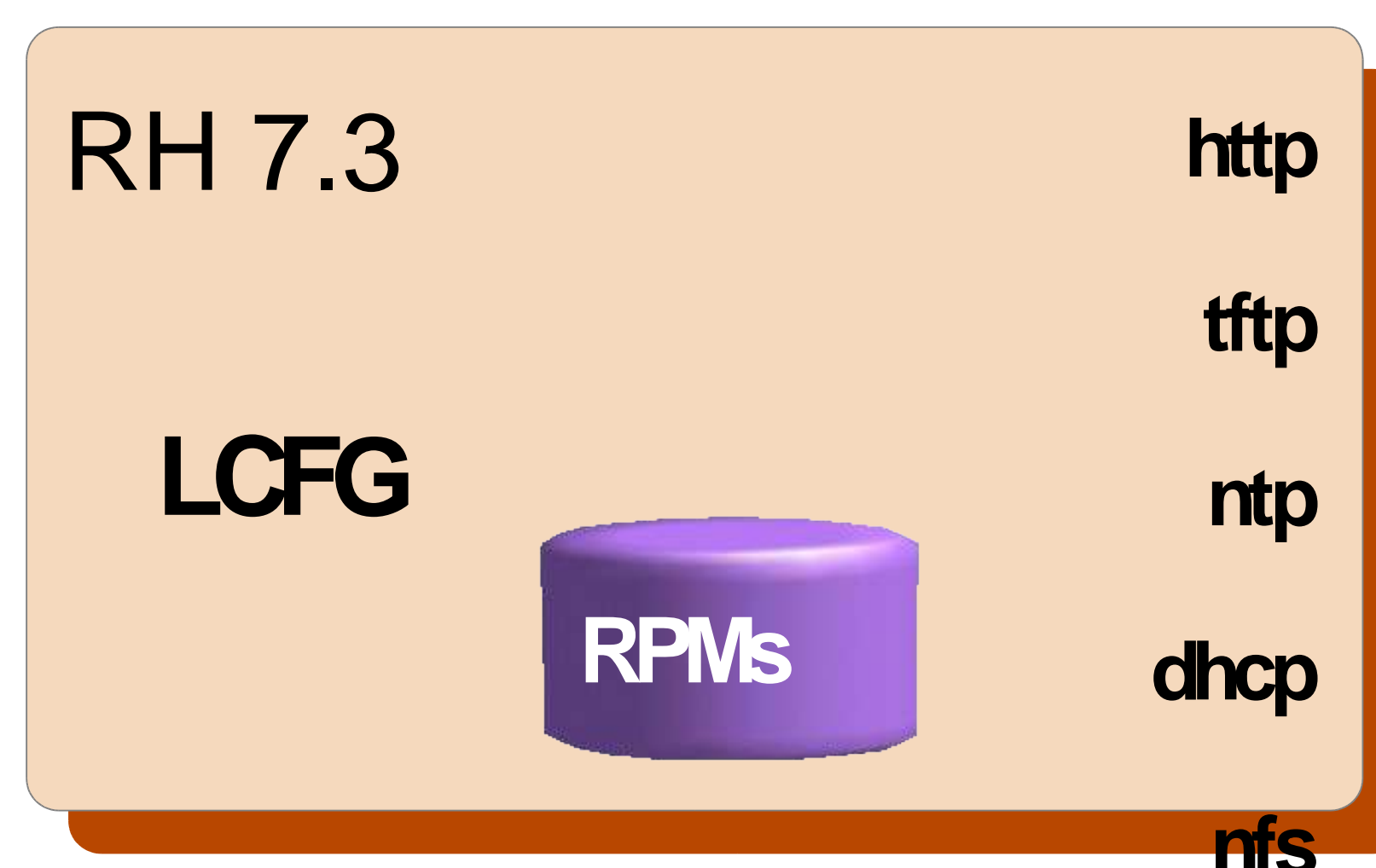


SIMPLIFIED DEPLOYMENT OF A LCG CLUSTER VIA LCFG-UML

Cluster installation and management

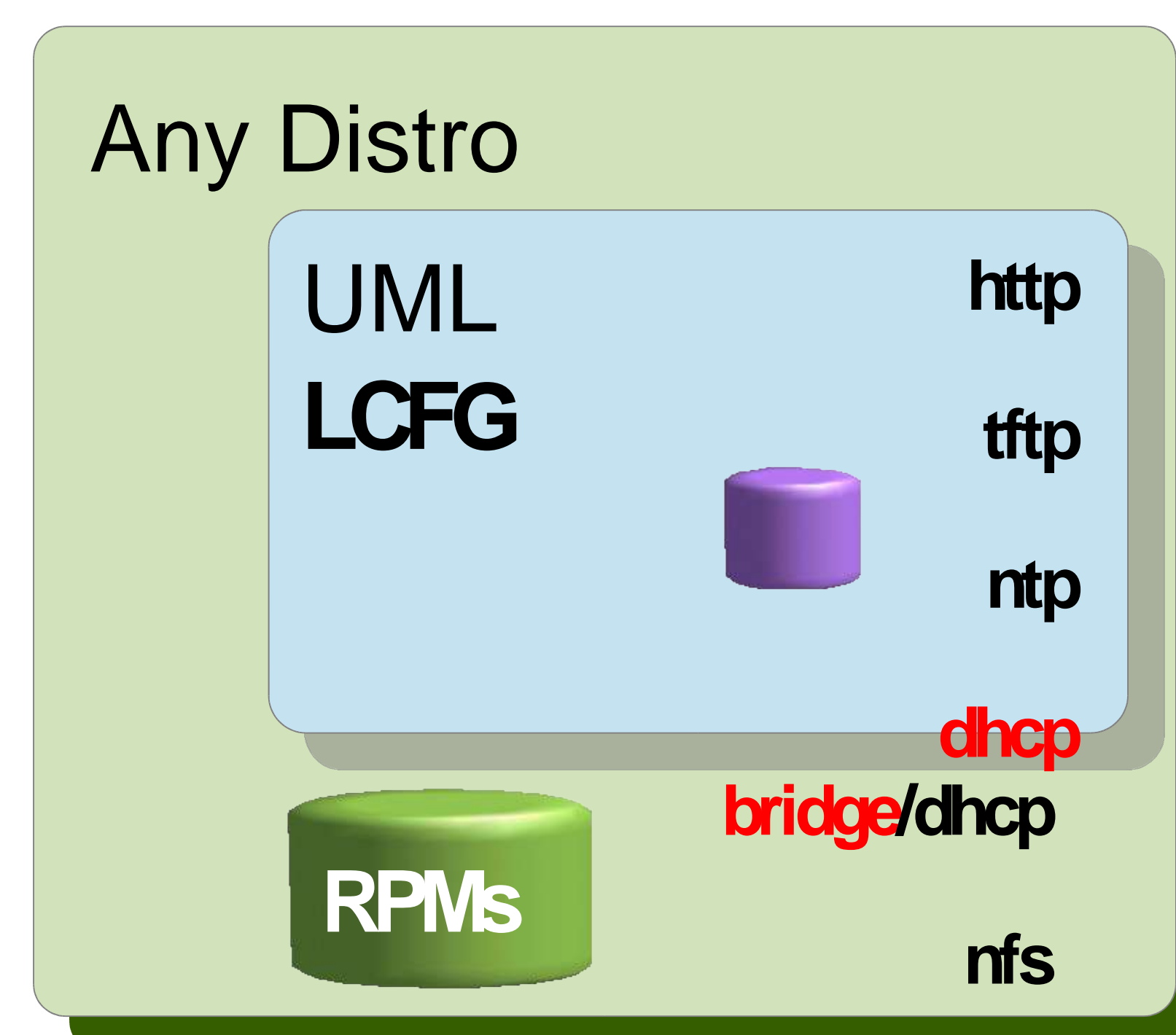


Normal setup



- Dedicated node / very low load
- Required services:
http, nfs, dhcp, tftp, ntp

User Mode Linux setup



- Prebuilt
- Preconfigured
- Avoids dedicated node
- Reduces deployment time (hours)
- Advantage for small sites
- Required external services:
nfs, dhcp or bridging

CrossGrid LCFG

server tool

interface for

- release update (cvs)
- package download (updateRPMCache)
- server package update
- profile generation (mkxprof)

preconfigured for both LCG and CrossGrid cluster installs

supports multiple testbed/middleware releases simultaneously

Preconfigured Root-FS image

UML kernel + packages

Detailed instructions

<http://cvs.fzk.de/sl/uml-lcfg>