

# LGS- Linux Game Server Series

This package was created by Alex Witherspoon as an educational demo to show the potential use of VMware and highly modular services consolidation.

LGS is a series of small dedicated servers that are created to run in a minimal state such that they support a single service, or game. This allows for a VMware host to run many independent servers which reduces collateral damage when a single service becomes unstable or overloaded. This allows for simultaneous deployment of many secured, and powerful services onto a single platform or several.

The intent for the build was also to take away the time involved with building up game servers. It is not a terribly difficult task to create game servers at this point, but the time involved can be intensive. This package allows for novice server admins to have a fully working robust server, while more advanced admins still retain the complete control of the OS all through a web managed, root enabled interface.

Each Mini Server is created with a vanilla install of each Server as to allow for the admin to configure the server however it is needed. An example would be the exclusions of Admin Mods, Extra Maps,

Each Mini server and the Complete server are built on an identical OS, Ubuntu 8.04.2 LTS with all the unneeded services cut out for efficiency. Each Ubuntu Server install is secured such that it is ready for web deployments, and have been tested in web environments. Each OS contains only the minimal assets needed to run and contains no malware or viruses at time of deployment.

	Mini Packages	Complete Package
Ram	256MB	2000GB
Disk	8 GB	60 GB
Network	1 Nic	1 Nic
Web Managed	Yes	Yes
ESX Compatible	Yes	Yes
VMware Version	4	4
Web Installers	Yes	No

## How to run it

1. First download the VMware package of choice from AlexWitherspoon.com
2. Extract the file using WinRAR.
3. Load it into your VMware Server/VMware Player/VMware Workstation
4. Start the Guest OS.
5. check what IP the VMware tools reports the OS as having. (alternately log in and run ifconfig)
6. Go to that IP in a web browser, and log in.  
Username: lgsadmin  
Password: wlp ( it is recommended you change the password to something unique )
7. **The server when it launches for the first time, will update and install the software, this will take an amount of time proportional to your internet speed. Usually this takes 20-30 minutes. Once this image is ready you**

**can makes copies of it as many times as needed to create enough instances.**

This package is made possible by:

<http://www.AlexWitherspoon.com>

<http://www.GeekIsMyLife.com>

<http://www.WichitaLan.com>