



David Baker - 9/30/2009

1. Install Ubuntu Server 9.04 with no extra services (i.e. SAMBA, LAMP, Apache, Tomcat, etc. Firewall should be OFF by default; you can check /etc/ufw/ufw.conf)
2. To ensure I always have permission to make changes, I prefer to switch to the root user before performing the configuration

```
-----+-----  
| sudo su |  
+-----+-----
```

3. Add the partner repository by uncommenting the following from /etc/apt/sources.list

```
-----+-----  
| deb http://archive.canonical.com/ubuntu jaunty partner |  
| deb-src http://archive.canonical.com/ubuntu jaunty partner |  
+-----+-----
```

4. Refresh the apt cache for the partner repository

```
-----+-----  
| apt-get update |  
+-----+-----
```

5. Install Alfresco

```
-----+-----  
| apt-get install alfresco-community |  
+-----+-----
```

6. Append the following to  
/usr/share/tomcat6/shared/classes/alfresco-global.properties

```
cifs.enabled=true
cifs.Server.Name=alfresco
cifs.ipv6.enabled=false
cifs.tcpipSMB.port=1445
cifs.netBIOSSMB.namePort=1137
cifs.netBIOSSMB.datagramPort=1138
cifs.netBIOSSMB.sessionPort=1139
```

7. To load the NAT module at system startup append the following to /etc/modules

```
iptables_nat
```

8. Enable port forwarding. In /etc/sysctl.conf uncomment the following line

```
net.ipv4.ip_forward=1
```

9. Configure port forwarding

```
iptables -F
iptables -t nat -F
iptables -P INPUT ACCEPT
iptables -P FORWARD ACCEPT
iptables -P OUTPUT ACCEPT
iptables -t nat -A PREROUTING -p tcp --dport 445 -j REDIRECT --to-ports 1445
iptables -t nat -A PREROUTING -p tcp --dport 139 -j REDIRECT --to-ports 1139
iptables -t nat -A PREROUTING -p udp --dport 137 -j REDIRECT --to-ports 1137
iptables -t nat -A PREROUTING -p udp --dport 138 -j REDIRECT --to-ports 1138
```

10. Save iptables configuration to load at system startup

```
iptables-save > /etc/iptables.rules
```

11. Set network interface to load iptables configuration at system startup. Append the following to the end of your primary network interface configuration in /etc/network/interfaces

```
pre-up iptables-restore /etc/iptables.rules
```

12. Reboot server. Ensure you can connect to `http://ServerIPAddress:8080/alfresco`  
`http://ServerIPAddress:8080/share` using your web browser. Also ensure you can connect to `\\ServerIPAddress\Alfresco` using Windows Explorer. Log into each interface with username and password of 'admin'