Host your own Minecraft server

Installation procedure

```
# Update package list and install Java
sudo apt-get update
sudo apt install default-jre-headless

#check if Java is installed
Java -version

#create unprivileged user
sudo useradd -r -U -d /usr/local/games/minecraft_server/ -s
/usr/sbin/nologin minecraft
sudo mkdir -p /usr/local/games/minecraft_server/Java
sudo chown -R minecraft: /usr/local/games/minecraft_server/

# Impersonate that user
sudo su - minecraft -s /bin/bash
cd /usr/local/games/minecraft_server/Java

# Download server and run it for the first time
wget https://piston-
data.mojang.com/v1/objects/8dd1a28015f51b1803213892b50b7b4fc76e594d/ser
ver.jar
Java -Xmx1024M -Xms1024M -jar server.jar nogui

# Accept EULA and run server
sed -i 's/\bfalse\b/TRUE/' eula.txt
Java -Xmx1024M -Xms1024M -jar server.jar nogui
```

This has the problem of exiting when SSH is disconnected, so the best way is to start it in Screen

```
sudo apt install screen -y
screen -S mc_Java_server -dm Java -Xmx1024M -Xms1024M -jar server.jar nogui
```

System resources

Requirements	Players	CPU	RAM	Storage	WAN Up	WAN Down
Minimum	1-4	Intel Core 2 Duo or AMD Athlon 64 x2	1GB	At least 150MB for world saves	3Mbit/s	2 Mbit/s
Recomended	5-10	Intel Core 2 Duo or AMD Athlon 64 x2	2GB	At least 200MB for world saves	6Mbit/s	3 Mbit/s
Best	10+	Intel Core i5-4690 or AMD Ryzen 5 1600	4GB	At least 200MB SSD	14Mbit/s	8 Mbit/s

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