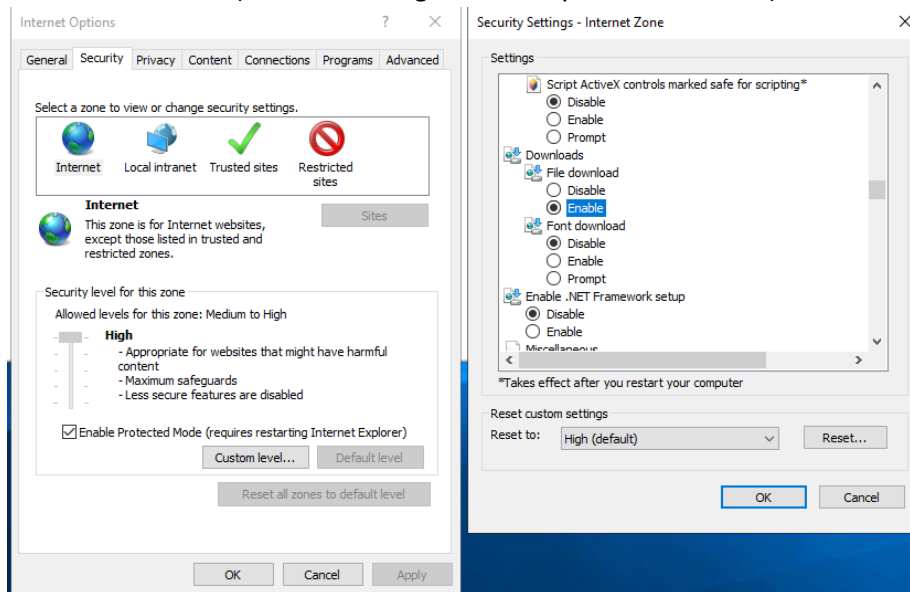Kenneth Luczko

Deploy a Minecraft Server on AWS EC2.

Terraform / AWS

Steps assume an active running ec2 with no configuration done at all.

1) Open Internet Explorer
2) Enable Downloads (Internet settings -> Security -> Custom Level)

3) Install Java
   a. https://github.com/AdoptOpenJDK/openjdk16-binaries/releases/download/jdk-16.0.1%2B9/OpenJDK16U-jdk_x64_windows_hotspot_16.0.1_9.msi
4) Install Minecraft Server Jar
   a. https://launcher.mojang.com/v1/objects/a16d67e5807f57fc4e550299cf20226194497dc2/server.jar
5) Save as server.jar in some folder.
6) CMD
   a. CD folder.
   b. java -Xmx2048M -Xms2048M -jar server.jar nogui
7) Open eula.txt
   a. Set eula=false to eula=true
8) CMD
   a. java -jar server.jar –nogui

Administrator: Command Prompt - java -jar server.jar --nogui

[18:50:36] [Worker-Main-2/INFO]: Preparing spawn area: 23%
[18:50:36] [Worker-Main-2/INFO]: Preparing spawn area: 31%
[18:50:36] [Worker-Main-2/INFO]: Preparing spawn area: 33%
[18:50:38] [Worker-Main-2/INFO]: Preparing spawn area: 35%
[18:50:38] [Worker-Main-2/INFO]: Preparing spawn area: 35%
[18:50:38] [Worker-Main-2/INFO]: Preparing spawn area: 41%
[18:50:38] [Worker-Main-2/INFO]: Preparing spawn area: 41%
[18:50:39] [Worker-Main-2/INFO]: Preparing spawn area: 46%
[18:50:39] [Worker-Main-2/INFO]: Preparing spawn area: 46%
[18:50:40] [Worker-Main-2/INFO]: Preparing spawn area: 51%
[18:50:40] [Worker-Main-2/INFO]: Preparing spawn area: 55%
[18:50:41] [Worker-Main-2/INFO]: Preparing spawn area: 57%
[18:50:42] [Worker-Main-2/INFO]: Preparing spawn area: 58%
[18:50:42] [Worker-Main-2/INFO]: Preparing spawn area: 58%
[18:50:42] [Worker-Main-2/INFO]: Preparing spawn area: 65%
[18:50:43] [Worker-Main-2/INFO]: Preparing spawn area: 68%
[18:50:43] [Worker-Main-2/INFO]: Preparing spawn area: 68%
[18:50:44] [Worker-Main-2/INFO]: Preparing spawn area: 73%
[18:50:45] [Worker-Main-2/INFO]: Preparing spawn area: 77%
[18:50:45] [Worker-Main-2/INFO]: Preparing spawn area: 80%
[18:50:45] [Worker-Main-2/INFO]: Preparing spawn area: 80%
[18:50:46] [Worker-Main-2/INFO]: Preparing spawn area: 83%
[18:50:46] [Worker-Main-2/INFO]: Preparing spawn area: 86%
[18:50:47] [Worker-Main-2/INFO]: Preparing spawn area: 88%
[18:50:47] [Worker-Main-2/INFO]: Preparing spawn area: 88%
[18:50:48] [Worker-Main-2/INFO]: Preparing spawn area: 96%
[18:50:49] [Server thread/INFO]: Time elapsed: 47749 ms
[18:50:49] [Server thread/INFO]: Done (59.093s)! For help, type "help"
[18:50:53] [Server thread/WARN]: Can't keep up! Is the server overloaded? Running 2047ms or 40 ticks behind

Hostname: EC2AMAZ-CRC78M5
Instance ID: i-0ec6c3f7662082b40

Instance Size: t2.medium
Availability Zone: us-east-2a
Architecture: AMD64
Total Memory: 4096 MB
Network Performance: Low to Moderate

server

Name	Date modified	Type	Size
logs	7/18/2021 6:49 PM	File folder	
world	7/18/2021 6:50 PM	File folder	
banned-ips.json	7/18/2021 6:49 PM	JSON File	1 KB
banned-players.json	7/18/2021 6:49 PM	JSON File	1 KB
eula	7/18/2021 6:48 PM	Text Document	1 KB
ops.json	7/18/2021 6:49 PM	JSON File	1 KB
server	7/18/2021 6:46 PM	JAR File	42,605 KB
server.properties	7/18/2021 6:49 PM	PROPERTIES File	2 KB
usercache.json	7/18/2021 6:49 PM	JSON File	1 KB
whitelist.json	7/18/2021 6:49 PM	JSON File	1 KB

10 items   1 item selected 183 bytes