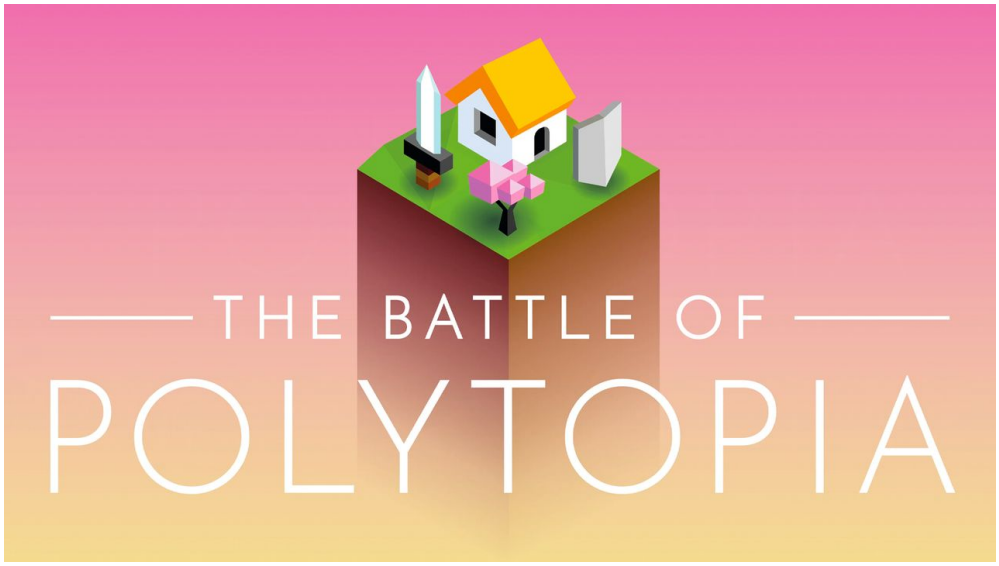

Polytopia Ubuntu 20 README

Please read the entire README thoroughly before modifying anything on this computer.

Forensic Questions

There are "Forensic Questions" on your Desktop; you will receive points for answering these questions correctly. Scored "Forensic Questions" will only be located directly on your Desktop. **Please read all "Forensic Questions" thoroughly** before modifying this computer, as you may change something that prevents you from answering the question correctly.

Competition Scenario

Here at Midjiwan AB, our #1 priority is customer privacy. With that in mind, we have hired you as our newest unpaid cybersecurity intern. Recent development troubles with our newest game, Polytopia, have surfaced due to security vulnerabilities and rebellious tribes. You have been given the Bardur tribe as an administrator account. Please take care of our security maintenance as well as other issues you find along the way.

The tribes have agreed that our security policies must require all user accounts be password protected. Tribes are required to choose secure passwords; however, this policy may not be currently enforced on this computer. It is very important to **write down all passwords you change**. The presence of any non-work related media files and "hacking tools" is strictly prohibited. We currently do not use any centralized

maintenance or polling tools to manage our IT equipment. This system is for use only by authorized tribes.

Please create the group “unviable” with the users quetzali, xin-xi, and oumaji at your earliest convenience.

Ubuntu 20.04

It is company policy to use only Ubuntu 20.04 on this computer. It is also company policy to use only the latest, official, stable Ubuntu 20.04 packages available for required software and services on this computer. Packages should be installed and managed by "apt". However, some packages may have been installed as a snap and should be reviewed for adherence to business policies.

Midjiwan has decided that the default web browser for all users on this computer should be the latest stable version of Firefox.

Company policy is to never let tribes log in as root. If administrators need to run commands as root, they are required to use the "sudo" command.

The tribes have additionally agreed upon configuring secure boot, please add root as a superuser and set an encrypted password in the /etc/grub/40_custom file.

This machine was configured with a Samba server. Please ensure that this service is kept updated and active. Midjiwan has requested that every authorized tribe be added as a Samba user, and a new share created for the Bardur battleplan (/home/bardur/battleplan). Secure the share and do not allow Imperius access at all costs.

Critical Services:

- Samba (smbd)

Authorized Administrators and Users

Authorized Administrators:
bardur (you)
password: p3rFect1yB@1anC*D$
xin-xi

password: iloveclimbing
imperius
password: ph4rm1N94ourd4y2
oumaji
password: w383r1d1N'

Authorized Users (tribes):
kickoo
hoodrick
luxidoor
zebasi
ai-mo
quetzali
yadakk
polaris
aquarion
cymanti

Competition Guidelines

- In order to provide a better competition experience, you are **NOT** required to change the password of the primary, auto-login, user account. Changing the password of a user that is set to automatically log in may lock you out of your computer.
- Authorized administrator passwords were correct the last time you did a password audit, but are not guaranteed to be currently accurate.
- Do not stop the engine service. If stopped, enable the service again with **systemctl enable engine** and restart your VM.
- Do not remove any files from /opt/temp.
- Do not remove any authorized users or their home directories.
- The time zone of this image is set to PDT. Please do not change the time zone, date, or time on this image.
- This image was created for the sole purpose of training cyber students at Troy High School. This image should not be redistributed outside of Troy High School unless given proper authorization to do so.

Created by Aaron Shan in collaboration with Benjamin Sheeh, Evelyn Cho, Gabriel Fok, Coco Gong, Johnny Ni, and Derek Peng, and Jaden Wijata.