

# PowerShell Beginner Project Ideas

## 1. Environnement checker

- a. Checks to see if computer/server/website, reachable by ping
- b. Log all the results and send email if any outages

## 2. Service checker

- a. Have a list (ex: from file, array in script) of services to have running, stopped.
- b. Check computer to see service status, if different from the list, then set to Running or Stopped
- c. Log to file actions taken (Optional)
- d. Send email of log (Optional)

## 3. Log file clean up automation

- a. Clean up log locations of files older than a certain date

## 4. Simple backup system

- a. Give one or more Folders to backup and a backup location
- b. When script runs will create a folder with the days date and backup all files and folders to the location

## 5. One off account creator

- a. Take in a name for the user and other properties if wanted (description, office, title)
  - b. Generate a username and password for user and display on screen
- 6. Account membership cloner
  - a. Takes in prompts or parameters from user running script for 2 users (receiving and original), will clone the memberships from the original user to the receiving user.
- 7. Account lockout checker
  - a. Verifies Active Directory for lockedout Accounts
  - b. Sends email with Report of locked out accounts
- 8. Account password expiry alert
  - a. Check Active Directory for all accounts with password expiring in 14 days, send email to the user.