

Mod 12 PowerShell Files and Directories Homework

SCRIPTING ESSENTIALS

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The Goal

Understanding this homework will be key for the project

The goal is to read the file `fast_short.pcap` line by line and write the date, time, priority, classification, description, source IP and destination IP back as a comma delimited file named `alert_data.csv`.

As usual, read the entire assignment before starting.

Basic Requirements

Make a path to the current user desktop.

Write out the headers Date, Time, Priority, Classification, Description, Source IP and Destination IP to a file names alert_data.csv on the desktop.

Read the file fast_short.pcap line by line and extract the correct data for each column. Write that data back to alert_data.csv.

PowerShell .split can give a lot more fields than you are used to. Use .count and write-host to narrow down your data searches. Use .substring and .trim as needed.

You can mitigate the excessive indexes by splitting like this:

- `$dog = $line.split(":", [System.StringSplitOptions]::RemoveEmptyEntries)`

It doesn't get rid of all the whitespace entries but it helps.

Basic Requirements

Your output and functionality must match mine. As usual, you cannot use commands that we have not covered.

The only host output is the line “Processing is done. Press enter to close the script “