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Linux Administration

Grep Lab

CentOS Server is being used for this lab. The file being used is GrepLab.

1. grep Lane GrepLab

Text

Description automatically generated

Looks for all lines with the string “Lane”

1. Grep ^H GrepLab

Text

Description automatically generated

Since the first name is how the line starts it searches the first letter of each line for a “H”.

1. Grep 000$ GrepLab

Text

Description automatically generated

Gets all lines containing ending in “000”

1. Grep -v 408 GrepLab

Text

Description automatically generated

We use grep -v to search for lines that don’t have “408”.

1. grep [1-12]/[1-31]/35 GrepLab

Text

Description automatically generated

Looks for all lines containing a date ending in “35” for the year 1935.

1. grep “8[0-9][0-9]-[0-9][0-9][0-9]-” GrepLab

Text

Description automatically generated

This searches for the area codes that start with an “8”.

1. grep ‘[A-Z][a-z][a-z][a-z][a-z][a-z] [A-Z] GrepLab

Text

Description automatically generated

We use a pattern to look for lines with an uppercase, 4 lowercase, and then an uppercase.

1. grep -E ‘:[1-9][1-9] [A-Z]:[0-9][1-9][1-9] [A-Z] GrepLab

A screenshot of a computer

Description automatically generated with medium confidence

Here we use grep -E to search for mulitple criteria to get addresses with two to three digits.

1. grep -E ‘MA|IL’ GrepLab

Text

Description automatically generated

We use the previous command to search for lines with MA or IL

1. grep -v Street GrepLabText

   Description automatically generated

grep -v is getting used to search for the lines that are not on streets.