MAC ADDRESS IDENTIFICATION

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# Introduction

This document describes about the pre-requisites, dependencies and deployment process for MAC Address Identification application. In this particular use case, we connect to the switch device via SSH and run the ‘show interface status’ command and identify the ports with the status ‘UP’. We also extract the mac address table of the switch and find the corresponding vendor details from a DB in internet. The application automates the entire process.

# Process

* SSH to switch.
* Executes ‘show interface status’ command.
* Finds ports with status ‘UP’ and prints the corresponding port names and status.
* Executes the ‘show mac-address’ command.
* Extracts the mac addresses from the table.
* Connects to the DB in internet and retrieves the vendor details all the mac addresses of the device.
* Writes output in an output csv file.
* In case of any errors, throws an exception and executes the script till the end.

# Output

Output csv file consists of table with MAC Addresses and corresponding Vendor details.

# Scope

This use case supports Windows platform.

# Deployment steps/procedure

* Unzip the zipped file containing the application.
* Save the unzipped folder in the server.
* Refer to the ReadMe.txt file in the unzipped folder to find the command to execute the application.