Mac address Identification

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# Introduction

Identify mac address Learned By a Switch and categorize them based on vendor

# Input / Trigger for solution

SSH to switch

Enter show mac-table command

# Standard Operating Procedure (SOP)

SSH to Switch

Enter show mac-table command

Get the mac address in left side

First 6 digit of mac address stand for device vendor – abstract this from mac address

Identify the vendor using mac to vendor conversion DB available in internet

List the mac address I tabular column along with vendor details

# Dependencies / Environment

NA

# Output expected

HC-IN77-SW01# show mac-address

Status and Counters - Port Address Table

MAC Address Port VLAN

----------------- ------------------------------- ----

0000aa-ad0276 Trk25 1

0062ec-3217b0 2 1

0062ec-3217b2 2 1

24ec99-42c93e Trk13 1

502690-a54beb 11 1

9cdc71-37af60 Trk25 1

9cdc71-37af67 Trk25 1

0062ec-3217b0 Trk1 10

0062ec-3217b5 Trk1 10

c8b5ad-c6e604 Trk25 10

c8b5ad-c784a6 Trk13 10

0062ec-3217b5 Trk1 11

0062ec-3217b5 Trk1 12

0062ec-3217b5 Trk1 21

0062ec-3217b5 Trk1 30

0062ec-3217b5 Trk1 40

0062ec-3217b5 Trk1 50

0062ec-3217b5 Trk1 60

0062ec-3217b5 Trk1 70

0062ec-3217b5 Trk1 80

# Other requirements

NA

# Assumptions/Dependencies

<If any>