

MAC LOCATION FINDER



MAC location on LAN switches

- ▶ Hop by Hop, Switch by Switch or search all switches
- ▶ Easily tracking the MAC address - which port of the which switch
- ▶ Catalyst 9300 and 3650 with 16.9.x used.

- ▶ But, it takes "time".
- ▶ The people behind you are almost insane when waiting.



Find the mac location by CLI

1) Tracking switch by switch

show mac address | inc b2f2 ==> extract the port

show cdp ne g1/0/1 de ==> Extract next switch IP

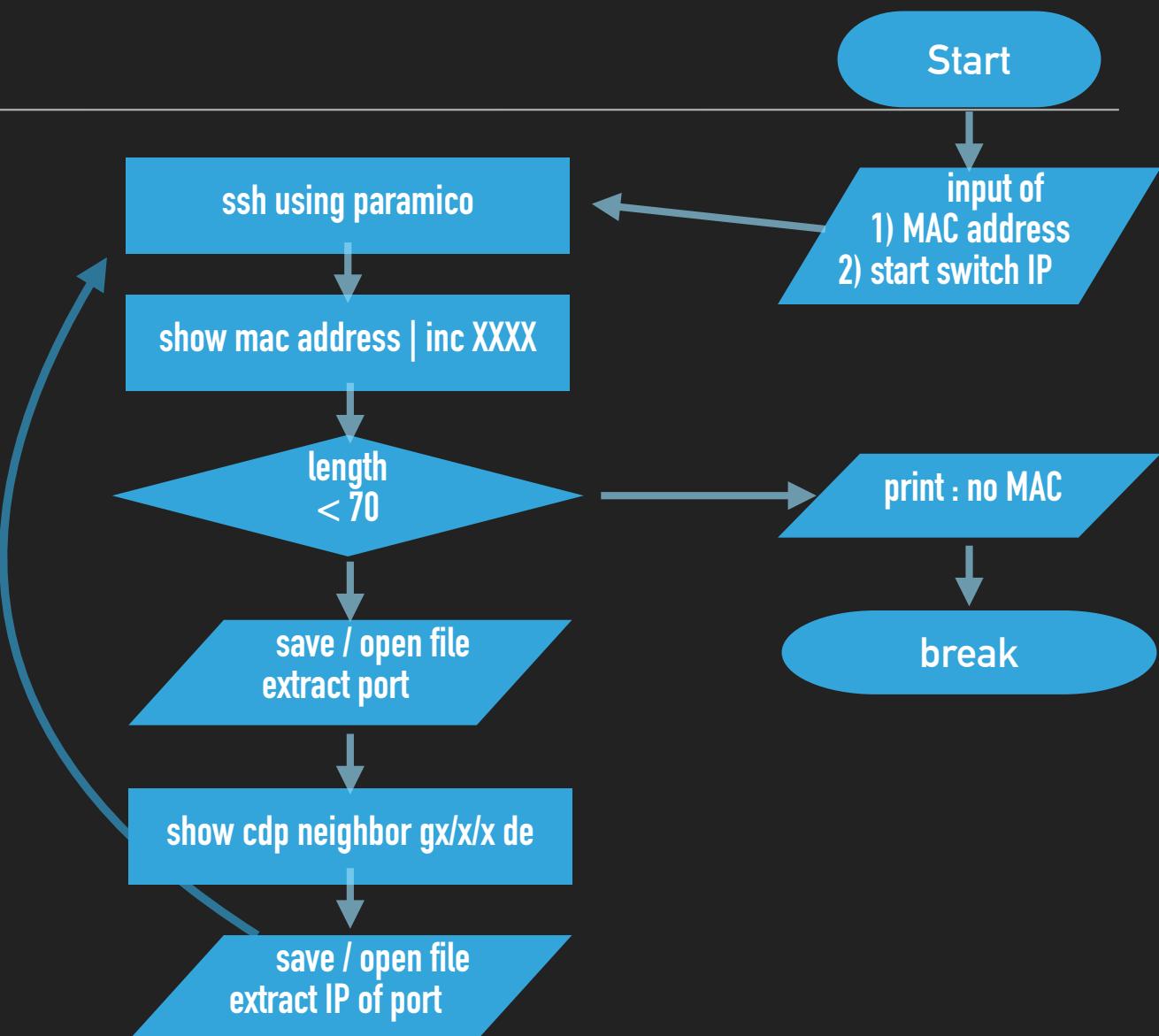
2) Find all switches

show mac address | inc b2f2



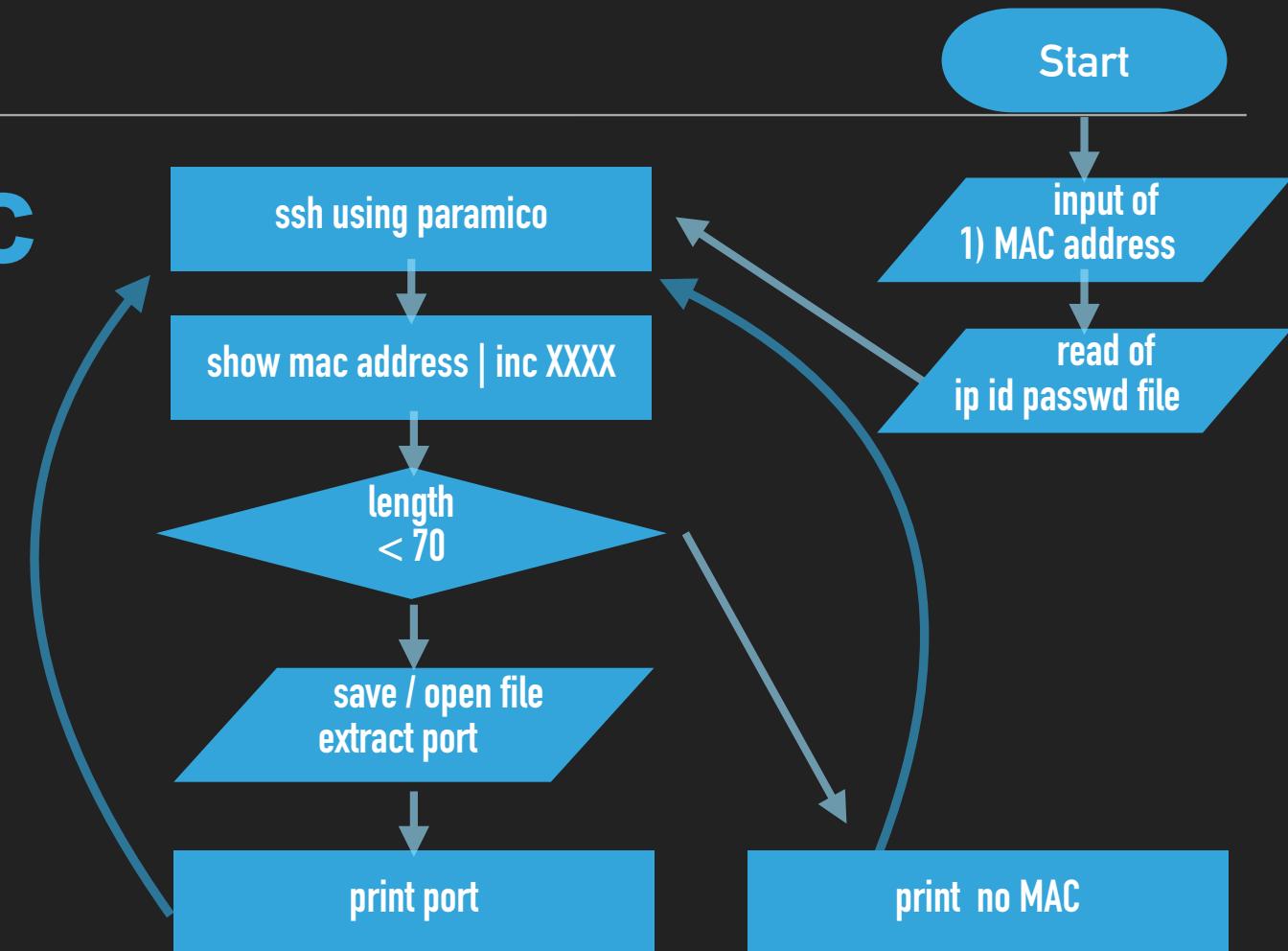
Find the mac location by python

1) switch by switch



Find the mac location by python

1) all switch



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**

```
1 #include<stdio.h>          1 #include<stdio.h>          x
2 main()                      2 main()
3 {                           3 {
4     int i,j;                4     printf("*\n");
5     printf("\n the pattern is \n"); 5     printf("* *\n");
6     for (i=0; i<=4; i++)    6     printf("* * *\n");
7     {                       7     printf("* * * *\n");
8         for (j=0; j<=i; j++) 8     printf("* * * * *\n");
9         {                     9
10            printf(" * ");   10 }
11        }                   11
12    printf("\n");           12 }
13 }                           13 }
```

Beginner

```
1 #include<stdio.h>
2 main()
3 {
4     int i,j;
5     printf("\n the pattern is \n");
6     for (i=0; i<=4; i++)
7     {
8         for (j=0; j<=i; j++)
9         {
10            printf(" * ");
11        }
12        printf("\n");
13    }
14 }
```

Professional

```
1 #include<stdio.h> x
2 main()
3 {
4     printf("*\n");
5     printf("* *\n");
6     printf("* * *\n");
7     printf("* * * *\n");
8     printf("* * * * *\n");
9
10 }
```

초보

고수

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