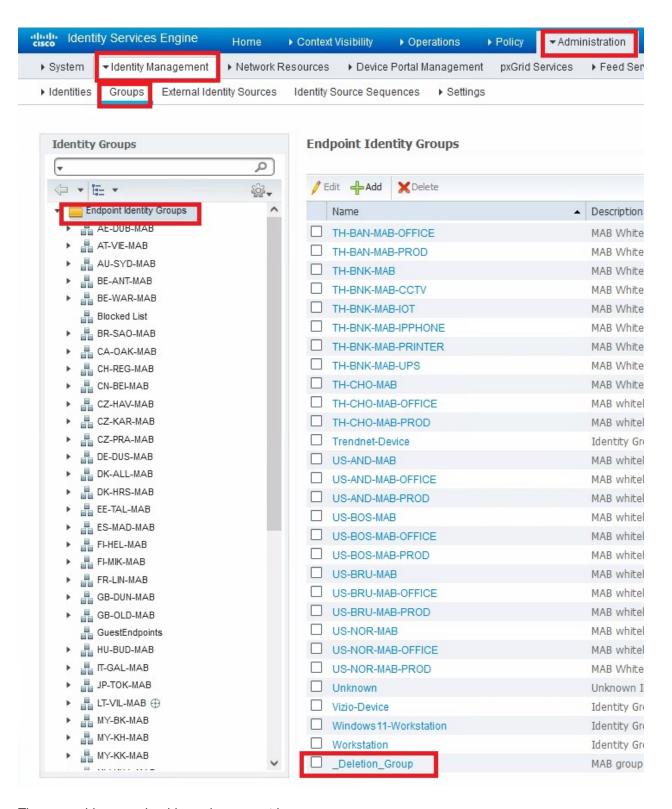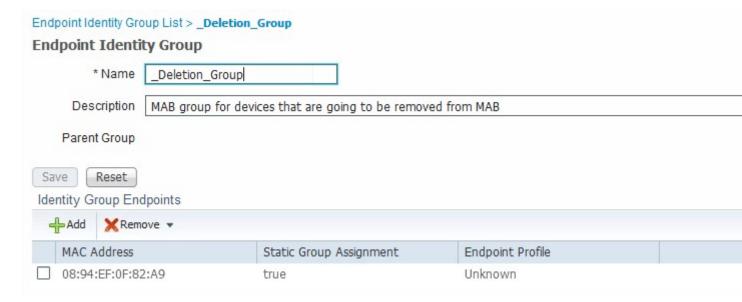# Pre-Activities

Before exporting new mac addresses, cleanup the _Deletion_Group MAB group:

In ISE navigate to **Administration > Identity Management > Groups** and under **Endpoint Identity Groups,** open **_Deletion_Group.**

The mac addresses should now be present here.

Click on **Remove > Remove All.**

Removal of Mac addresses
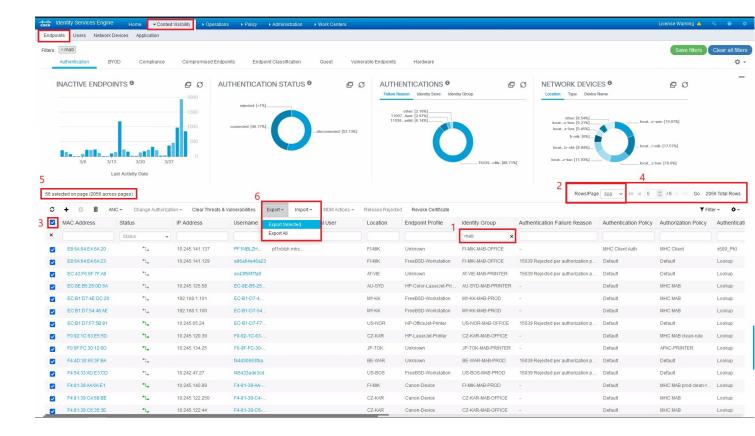
Now we can proceed to export new addresses.

in to Cisco ISE and navigate to **Context Visibility > Endpoints.**

We are now going to export all devices that are part of a mab group.
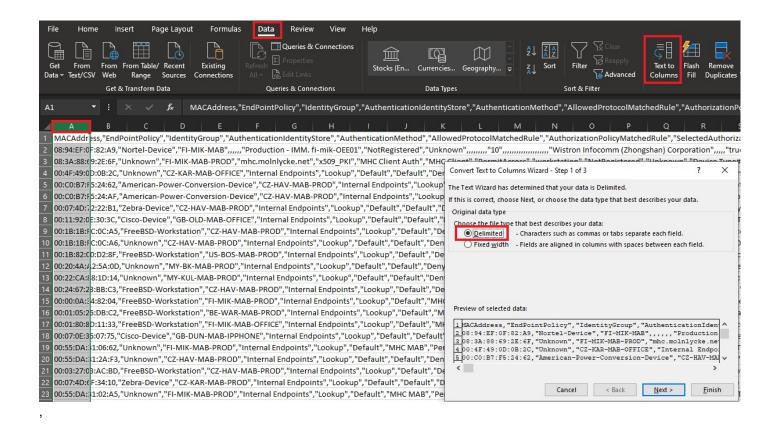To get the full list of all devices:

1. find the column **Identity Group**, and filter on **mab.**
2. Edit Rows/Page to **500**
3. Mark all for this page
4. Move to the next page and repeat 3 and 4
5. Repeat 3 and 4 until the **selected across pages** match the total rows on point 4
6. Click on **Export > Export Selected.**

Note! If no file is being generated, try to decrease the amount selected to 1000-1500 and export into two files, and later combine them.
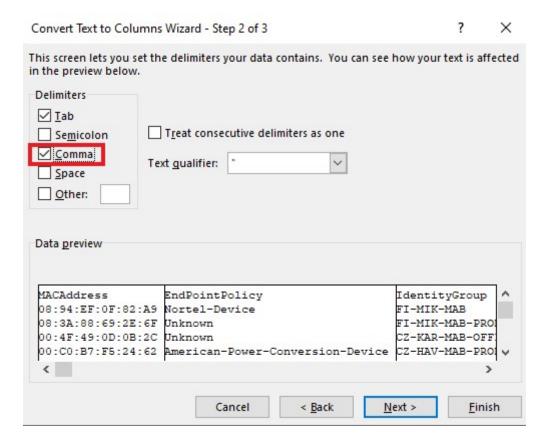
Move the file(s) to your local computer and open the csv (if you have multiple files open them and add the rows from one file to the other so you have one complete file.)

Open the csv file, and select column **A,** and then go to the **Data** tab, and select **ext to columns.**
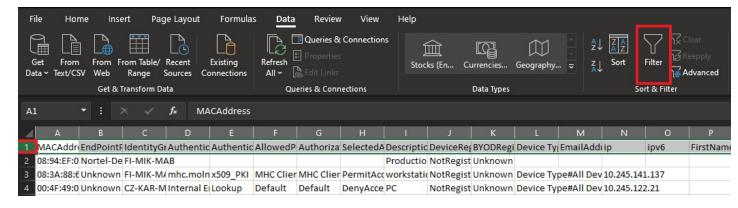Make sure that **Delimited** is selected, and click on **Next.**

Select **Comma,** and click on **Finish**.
If there is a warning that data will be replaced, just press **OK**.
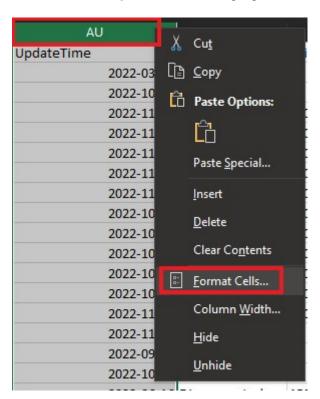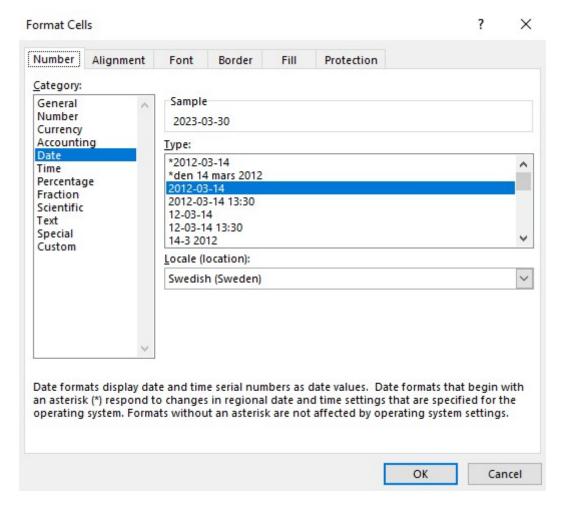
Now select **Row 1,** and click on **Filter**

Tip! to make the document more readable, you can click on the top left corner, and go to **Home > Format > AutoFit Column Width.** This way all columns will be appropriate width.

Find the column **UpdateTime**, and highlight the column and right click, and select **format cells.**
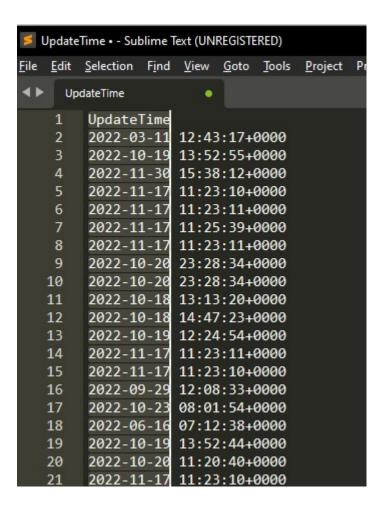

Select **Date,** and select a date-only format.

Format Cells

? ✕

| Number | Alignment | Font | Border | Fill | Protection |

Category:

General
Number
Currency
Accounting
Date
Time
Percentage
Fraction
Scientific
Text
Special
Custom

Sample

2023-03-30

Type:

```
*2012-03-14
*den 14 mars 2012
2012-03-14
2012-03-14 13:30
12-03-14
12-03-14 13:30
14-3 2012
```

Locale (location):

Swedish (Sweden)

Date formats display date and time serial numbers as date values. Date formats that begin with an asterisk (*) respond to changes in regional date and time settings that are specified for the operating system. Formats without an asterisk are not affected by operating system settings.
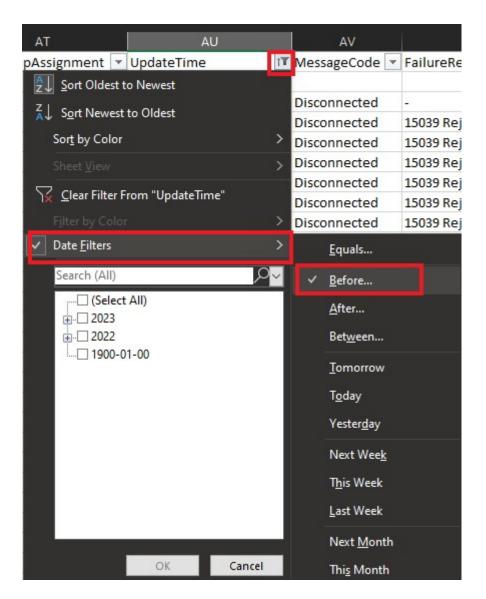
OK   Cancel

Next we need to clean up the data, copy the whole column and paste into a text editor (Notepad++ or Sublime etc.In Notepad++ hold down Alt and select dates)
Remove the info on each row after the date, or only select the date, so we only have the date.
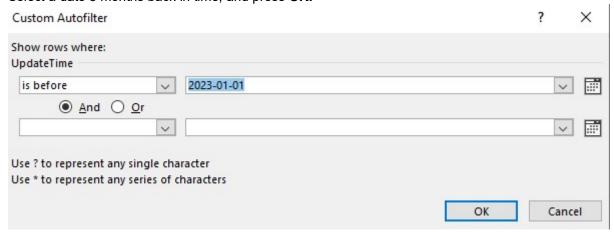
Paste this information back in the column.

Now we want to filter all data that has not been visible in the past 3 months.
Select the **Date Filters > Before**

Select a date 3 months back in time, and press **OK.**

These mac addresses now filtered will need to be removed.

Removal of Mac addresses from MAB

Open the file MAB Deletion template.csv (located under "Dokument" in this SOP) in a text editor (opening and editing in Excel breaks the file so ISE can't read it properly.)
The file will looks like this:

```
MAB Deletion template.csv  ●

MACAddress,EndPointPolicy,IdentityGroup,Description,Location
##ADD_MAC_ADDRESS_HERE##,,_Deletion_Group,,
##ADD_MAC_ADDRESS_HERE##,,_Deletion_Group,,
##ADD_MAC_ADDRESS_HERE##,,_Deletion_Group,,
##ADD_MAC_ADDRESS_HERE##,,_Deletion_Group,,
##ADD_MAC_ADDRESS_HERE##,,_Deletion_Group,,
##ADD_MAC_ADDRESS_HERE##,,_Deletion_Group,,
```

Add the mac addresses on each row instead of **##ADD_MAC_ADDRESS_HERE##**.
Note to only have the number of rows for the amount of mac addresses. Add more rows if needed.
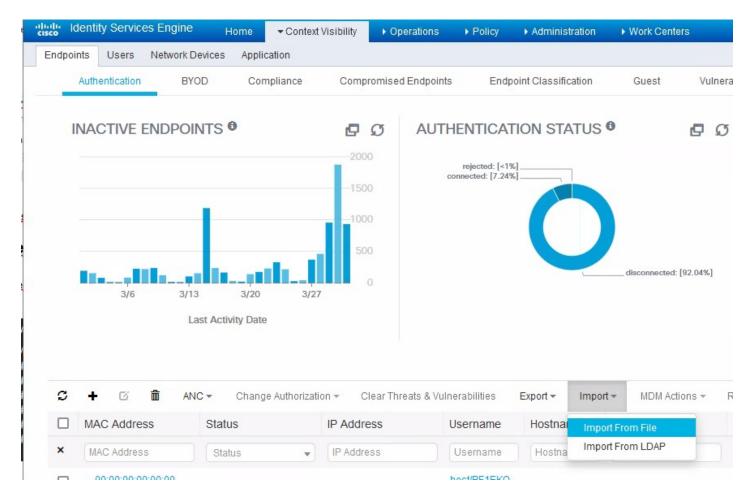
Example on how it might look after mac addreses:

```
◀ ▶    MAB Deletion template.csv  ●

1    MACAddress,EndPointPolicy,IdentityGroup,Description,Location
2    08:94:EF:0F:82:A9,,_Deletion_Group,,
3    08:3A:88:69:2E:6F,,_Deletion_Group,,
4    00:4F:49:0D:0B:2C,,_Deletion_Group,,
5
6    |
```
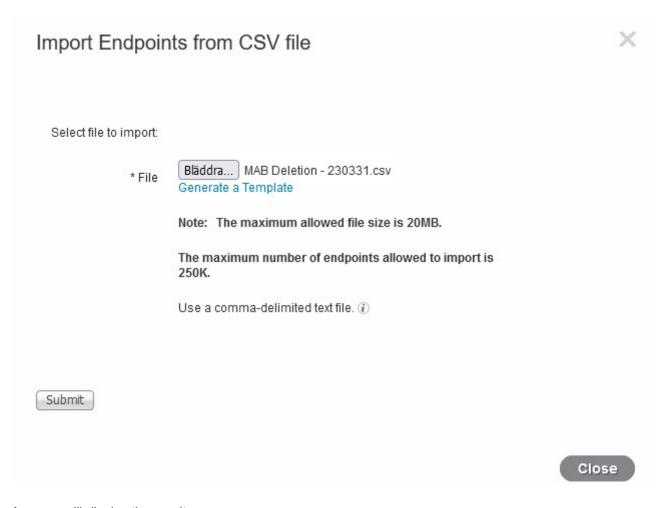
Save this as a new file with the naming: **MAB Deletion -#todaysdate (example MAB Deletion - 230331)** in **X:\iPlace\iPlace-Security\iTrust\MOHECA.**

This will now be imported to ISE.
To import, click on **Import >Import from file**

Select the file and click **Submit.**

Import Endpoints from CSV file ✕

Select file to import:

* File   [Bläddra...] MAB Deletion - 230331.csv
Generate a Template

Note: The maximum allowed file size is 20MB.

The maximum number of endpoints allowed to import is
250K.

Use a comma-delimited text file. ⓘ

[Submit]

(Close)

A popup will display the result:

ⓘ   Out of 1 endpoints presented, 0 endpoint(s) have been imported successfully. 1 endpoints have been
updated successfully. Please select file to import or click Cancel to see list of endpoints imported.

(OK)

We want to make sure there are no errors, and that 0 endpoints has been imported, but the amount of
endpoints in the file has been **updated.**
To verify, in ISE navigate to **Administration > Identity Management > Groups** and under **Endpoint
Identity Groups,** open **_Deletion_Group.**

The mac addresses should now be present here.

Endpoint Identity Group List > _Deletion_Group

Endpoint Identity Group

* Name _Deletion_Group

Description MAB group for devices that are going to be removed from MAB

Parent Group

Save   Reset

Identity Group Endpoints

＋Add   ✖Remove ▾

	MAC Address	Static Group Assignment	Endpoint Profile	
☐	08:94:EF:0F:82:A9	true	Unknown	

We will not delete them directly, but leave them here for next 3 month period and we will remove them before importing new.

To remove them, click on **Remove > Remove selected/All (either works as we will probably remove all in the group).**