Automation VBA Script for Tenable(Nessus) Exported Report

1. Open an Excel Workbook
2. Go to Developer Tab
3. If You are not able to see the developer tab at Ribbon bar then you have to enable it

> To Enable the Developer tab Follow below procedure :-
> Go to File -> Options
> In Excel Options Window go to Customize Ribbon -> Check the Developer's checkbox
> You will be able to see Developer tab on Ribbon bar

Click on Developer tab -> Go to Visual Basic

Then, Copy and Paste the code Below :-

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In Sheet1 Code(Main Code) :-

```
Private Sub CommandButton1_Click() 'Get last filled column

last_column = Worksheets("Test-Macro sheet").Cells(1,
Columns.Count).End(xlToLeft).Column

For i = 1 To last_column

If Cells(1, i).Value = "CVE" Then
Columns(i).Delete
End If

If Cells(1, i).Value = "Asset UUID"
Then Columns(i).Delete
End If
```

```vba
If Cells(1, i).Value = "Vulnerability State"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "FQDN"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "NetBios"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "OS"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "MAC Address"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "Plugin Family"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "CVSS Base Score"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "CVSS Temporal Score"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "CVSS Temporal Vector"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "CVSS Vector"
Then Columns(i).Delete
```

```vba
End If

If Cells(1, i).Value = "CVSS3 Base Score"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "CVSS3 Temporal Score"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "CVSS3 Temporal Vector"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "CVSS3 Vector"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "System Type"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "Host Start"
Then Columns(i).Delete
End If

If Cells(1, i).Value = "Host End"
Then Columns(i).Delete
End If

Next

Worksheets("Test-Macro sheet").Cells(1, 1).Select

Call Module3.Module3 ' Calling the module with its Sub Function
Call Module2.Sort VBARemoveDuplicate2
Call Module1.ColorMeElmo
End Sub
```

```vba
Sub VBARemoveDuplicate2()

Cells.Select
ActiveSheet.Range("A:M").RemoveDuplicates Columns:=Array(1, 2, 3, 4,
5, 6, 7, 8, 9, 10, 11, 12, 13), Header:=xlYes

End Sub


Private Sub Worksheet_SelectionChange(ByVal Target As Range)

rownumber = ActiveCell.Row

If ActiveCell.Value <> " " Then

Range("A1:M1").Interior.Color = RGB(172, 185, 202)
'Range("A" & 1 & ":M" & 1).Interior.ColorIndex = 39
Range("A1:M1").Font.Bold = True End If End Sub
```

Create a Module1 (Colour Severity column):-

```vba
Sub ColorMeElmo()

Dim i As Long, r1 As Range, r2 As Range

For i = 2 To 1000

Set r1 = Range("C" & i)
If r1.Value = "Critical" Then r1.Interior.Color = RGB(128, 0, 128)
If r1.Value = "High" Then r1.Interior.Color = RGB(192, 0, 0)
If r1.Value = "Medium" Then r1.Interior.Color = RGB(255, 192, 0) If
r1.Value = "Low" Then r1.Interior.Color = RGB(0, 176, 80)
Next i
End Sub
```

Create a Module2(Code to Sort according to Severity):-

```vba
Sub Sort()
```

```vba
Dim ws As Worksheet

Set ws = Sheets("Test-Macro sheet") 'Object to refer the sheet

'declare and set your worksheet, amend as required

LastRow = ws.Cells(ws.Rows.Count, "A").End(xlUp).Row

'get the last row with data on Column A

ws.Sort.SortFields.Clear

ws.Sort.SortFields.Add Key:=Range("C2:C" & LastRow),

SortOn:=xlSortOnValues, Order:=xlAscending,

CustomOrder:="Critical,High,Medium,Low", DataOption:=xlSortNormal

With ws.Sort
.SetRange Range("A1:M" & LastRow) 'Define the Range of the Column
.Header = xlYes
.MatchCase = False
.Orientation = xlTopToBottom
.SortMethod = xlPinYin
.Apply

End With

End Sub
```

Create a Module3(Code to apply filter and remove None Vulns):-

```vba
Sub Module3()
```

```vba
Dim R As Range

Set R = Selection 'Select The area except the Column Headers

R.AutoFilter Field:=3, Criteria1:="None" 'Putting Filter on Risk Column
for a value called None Rows("2:" &
Rows.Count).SpecialCells(xlCellTypeVisible).EntireRow.Delete
'Deleting the all the Visible rows post filter Except 1st row which is
column header row
'R.Offset(1, 0).SpecialCells(xlCellTypeVisible).EntireRow.Delete

ActiveSheet.AutoFilterMode = False 'Removing the filter and displaying
the sheet

End Sub
```

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