OWA S/MIME Encryption Enablement

Problem: Using Internet Explorer with S/MIME installed, the "send" button on new emails does not function.

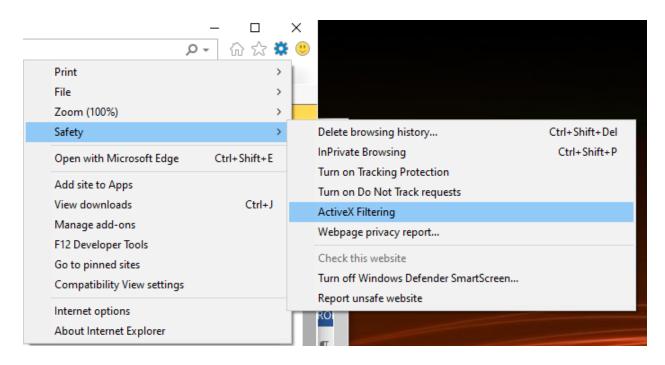
Resolution: The procedures below will guide you in configuring Internet Explorer to support message signing, encryption and will fix the "Send Button" problem.

* Note: S/MIME is a 32bit application. You MUST launch the 32bit version of Internet Explorer.

1) Locate the 32bit version of Internet Explorer (C:\Program Files (x86)\Internet Explorer)

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File Home Share View Application Tools			~ 🕐
\leftarrow \rightarrow \checkmark \bigstar Local Disk (C:) \rightarrow Program Files (x86) \Rightarrow Inter	net Explorer >	V Ö 🔎 Sea	rch Internet Explorer
A Name	Date modified	Туре	Size
en-US	3/19/2019 07:21	File folder	
images	3/19/2019 05:52	File folder	
Downloads 🖈 SIGNUP	1/7/2020 06:40	File folder	
Documents * ExtExport.exe	3/19/2019 05:46	Application	44 KB
📰 Pictures 💉 💿 hmmapi.dll	3/19/2019 05:46	Application exten	49 KB
APAN ie9props.propdesc	3/19/2019 05:46	PROPDESC File	3 KB
// Info	3/19/2019 05:46	Application	470 KB
J65 🥔 ielowutil.exe	3/19/2019 05:46	Application	217 KB
System32	2/12/2020 21:29	Application exten	308 KB
iexplore.exe	3/19/2019 07:21	Application	798 KB
🦽 Creative Cloud Fil 🛛 🚳 sqmapi.dll	3/19/2019 05:46	Application exten	39 KB
🐉 Dropbox			
This PC			
💣 Network 🗸 🗸			_
11 items 1 item selected 797 KB			

2) From the "Gear" at the top right of Internet Explorer, ensure that ActiveX Filtering is NOT checked. If enabled, a check mark will be visible next to ActiveX Filtering.



3) From the "Tools" menu, select Internet Options

é	×		
File Edit View Favorites	Tools Help		
Outlook Web App	Delete browsing history InPrivate Browsing	Ctrl+Shift+Del Ctrl+Shift+P	
Mail > Inbox 1045 Items Favorites Inbox (14) Sent Items Deleted Items (2)	Turn on Tracking Protection ActiveX Filtering Fix connection problems Reopen last browsing session Add site to Apps		Тор
 Inbox (14) Drafts Sent Items Deleted Items (2) 	View downloads Pop-up Blocker Windows Defender SmartScreen Filter Manage media licenses Manage add-ons	Ctrl+J > >	0 8:12 / 8:09 /
Conversation History Junk E-Mail [1]	Compatibility View settings Subscribe to this feed Feed discovery	>	7:57
	Performance dashboard F12 Developer Tools Report website problems Internet options	Ctrl+Shift+U	7:44 / 6:55 /

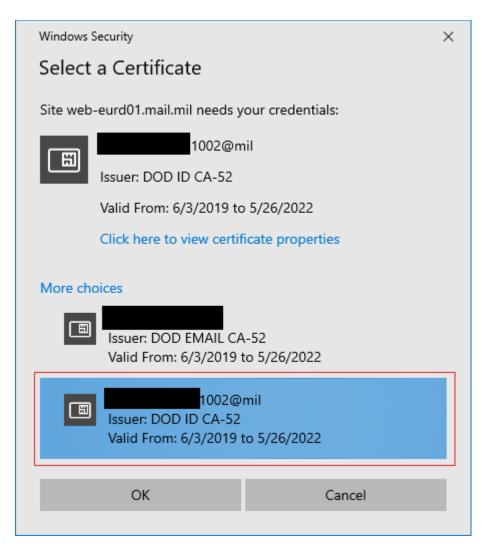
4) From the "Security" tab, click "Sites"

Internet O	ptions			-		?	×				
General	Security	Privacy	Content	Connections	Programs	Advan	iced				
Select a	zone to vi	iew or cha	inge securi	ty settings.							
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Inte	rnet L	ocal intrar	net Trust		stricted						
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	trust not your files	to damag	websites t je your con s in this zor	nputer or							
Securi	ty level fo	r this zone	-								
Allov	ved levels		one: All								
Medium Prompts before downloading potentially unsafe content Unsigned ActiveX controls will not be downloaded											
	Enable Pro	otected M	ode (requi	res restarting I	nternet Exp	lorer)					
			Cust	tom level	Default	level					
Reset all zones to default level											
			Ok	Ca	ancel	Арр	ly				

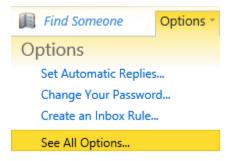
5) Add the OWA URL -> https://web-eurd01.mail.mil

Trusted sites	×
You can add and remove websites from this zon this zone will use the zone's security settings.	ne. All websites in
Add this website to the zone:	
1	<u>A</u> dd
Websites:	
https://web-eurd01.mail.mil	<u>R</u> emove
Require server verification (https:) for all sites in this	zone
	<u>C</u> lose

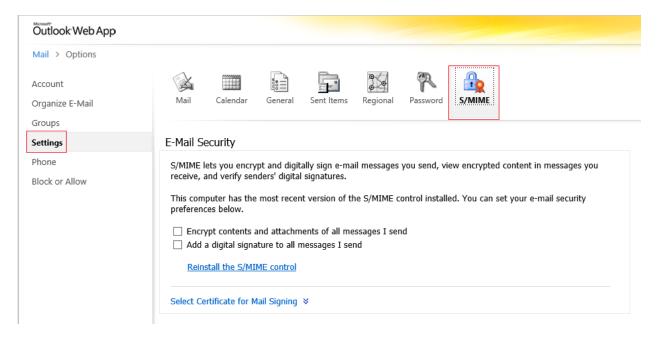
- 6) Close and re-open Internet Explorer and browse to OWA
- 7) Use your PIV cert to authenticate (it is the cert with the extra 4 digits)



8) Once logged into OWA, select "See All Options" from the top right menu



9) Select "**Settings**", then "**S/MIME**". Download and install the S/MIME control, then, re-launch Internet Explorer. If your screen looks like the screenshot below, you're good to go.



https://web-eurd01.mail.mil/?ae=Item&a=New&t=IPM.Note&cc=MTQuMy400DcuMC												Х							
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10) Signing and encryption buttons should now be visible when creating a new email

If successful, you will see a "Sending" message when you hit the send button		
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