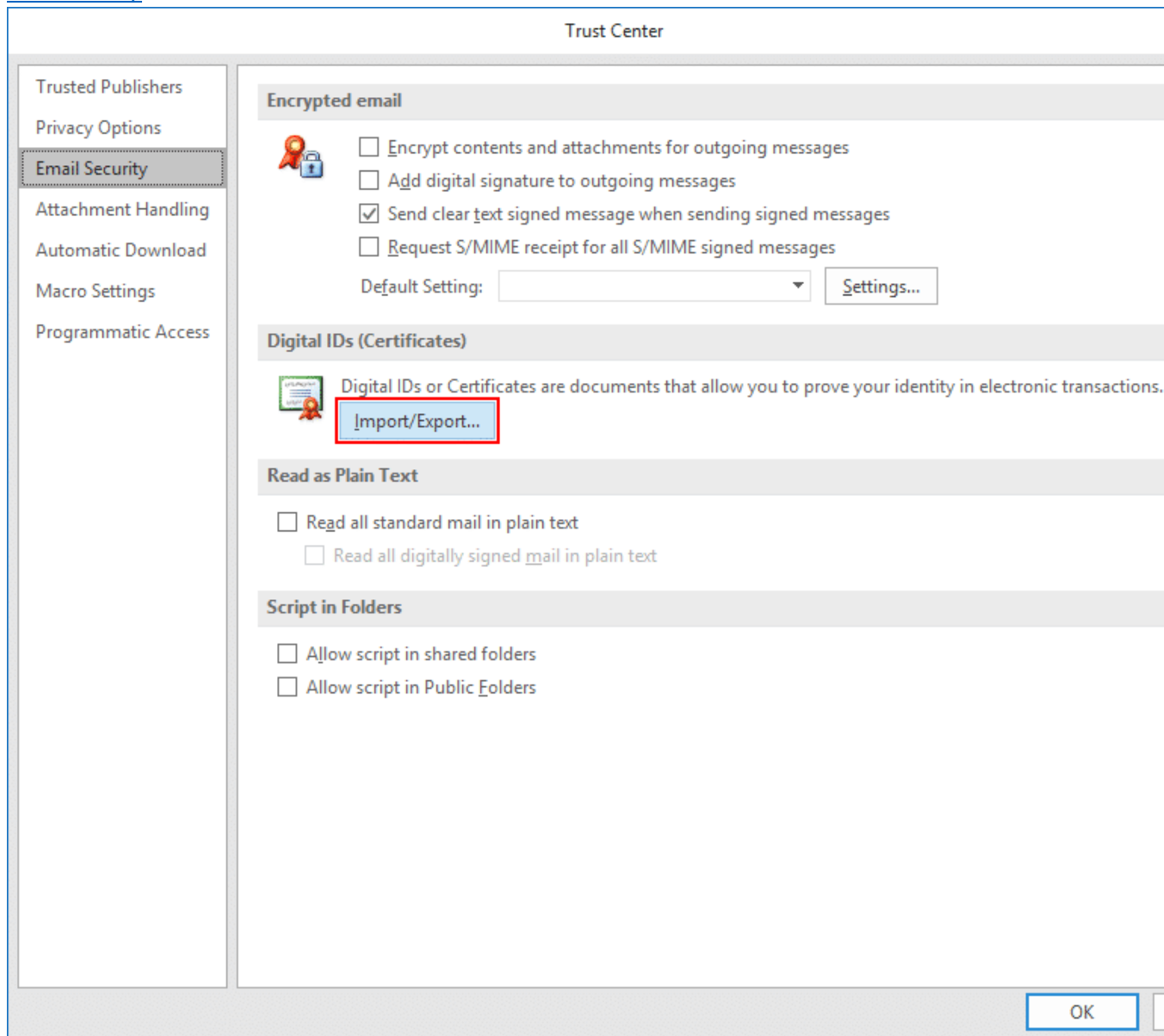


Contents:

- [\(1\) Outlook App - per user](#)
 - [\(2\) OWA - addon + Edge browser](#)
 - [\(3\) OWA tenant wide - recommended](#)
-

- **(1) Outlook App**
<https://www.ssl.com/how-to/installing-s-mime-certificate-sending-secure-email-outlook-windows-10/>



- **Outlook on the Web**

- **(2) using [S/MIME control Addon] - easier but with below limitations**

- *works only with **Edge Browser***
 - *requires installation on every PC to be used*
 - *does not work in Outlook Mobile*

[Encrypt messages by using S/MIME in Outlook on the web - Outlook \(microsoft.com\)](#)

- **(3) Recommended way:**

export the Root CA Certificate Chain, and setting via Powershell

Advantage - works for all users + eventually outlook mobile

official documentation

<https://techcommunity.microsoft.com/t5/exchange-team-blog/how-to-configure-s-mime-in-office-365/ba-p/584516>

- **IN DETAIL**

- **example article** (*Disclaimer: third party / used as a reference only*)

<https://www.ishir.com/blog/3707/cant-keep-step-step-easy-configuration-guide-smime-office-365.htm>

- **How To start MMC with Certificate Snap-in (required for next step)**

Console2 - [Console Root]

File

Action

View

Favorites

Window

Help

New

Open...

Save

Save As...

Add/Remove Snap-in... Ctrl+M

Options...

1 devmgmt.msc

2 eventvwr.msc

Exit

Add or Remove Snap-ins

You can select snap-ins for this console from those available on your computer and co extensible snap-ins, you can configure which extensions are enabled.

Available snap-ins:

Snap-in	Vendor
ActiveX Control	Microsoft Cor...
Authorization Manager	Microsoft Cor...
Certificates	Microsoft Cor...
Component Services	Microsoft Cor...
Computer Managem...	Microsoft Cor...
Device Manager	Microsoft Cor...
Disk Management	Microsoft and...
Event Viewer	Microsoft Cor...
Folder	Microsoft Cor...
Group Policy Object ...	Microsoft Cor...
IP Security Monitor	Microsoft Cor...
IP Security Policy M...	Microsoft Cor...
Link to Web Address	Microsoft Cor...

Selected snap-ins:

Console Root

Certificate

Add >

Description:

The Certificates snap-in allows you to browse the contents of the certificate stores f


All

Apps

Documents

Web


Best match





mmc


Run command

Search the web

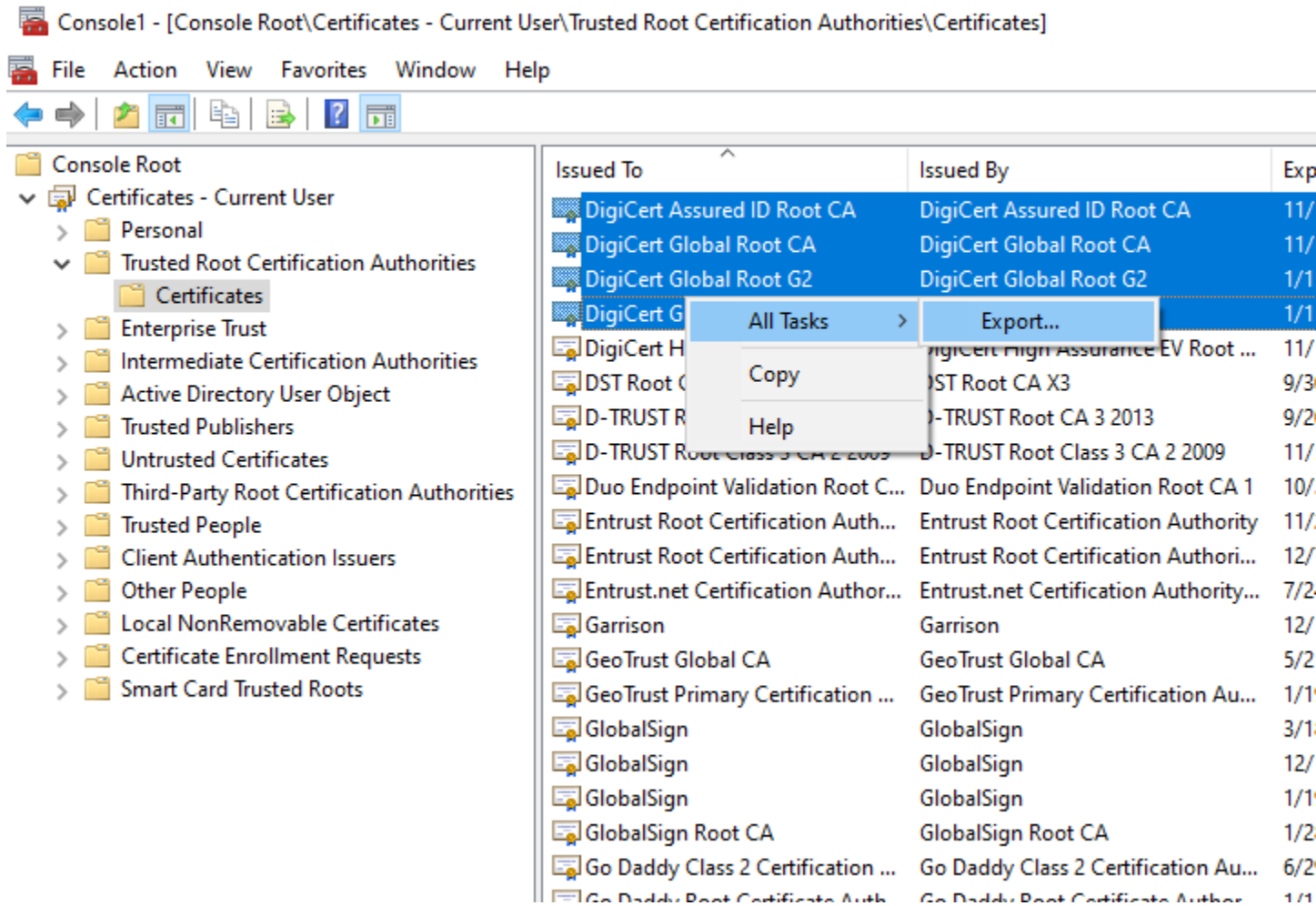
 mmc - See web results



 Type here to search



- **How to Export the Certificate chain**



- **Steps how to configure the Certificate Change for use in Exchange Online with Powershell**

Set-SmimeConfig -SMIMECertificateIssuingCA (Get-Content "C:\Path\Filename.sst" -Encoding Byte)

<https://docs.microsoft.com/en-us/microsoft-365/security/office-365-security/set-up-virtual-certificate-collection-to-validate-s-mime>

Console1 - [Console Root\Certificates - Current User\Trusted Root Certification Authorities\Certificates]

File Action View Favorites Window Help



Console Root
▼ Certificates - Current User
 > Personal
 ▼ Trusted Root Certification Authorities
 Certificates
 > Enterprise Trust
 > Intermediate Certification Authorities
 > Active Directory User Object
 > Trusted Publishers
 > Untrusted Certificates
 > Third-Party Root Certification Authorities
 > Trusted People
 > Client Authentication Issuers
 > Other People
 > Local NonRemovable Certificates
 > Certificate Enrollment Requests
 > Smart Card Trusted Roots

Issued To	Issued By	Expiration Date
All Tasks	Export...	Global Root CA
Copy		DigiCert Global Root G2
Help		DigiCert Global Root G3
		DigiCert High Assurance EV Root ...

mark + rightclick (or menu /action /...)

← Certificate Export Wizard

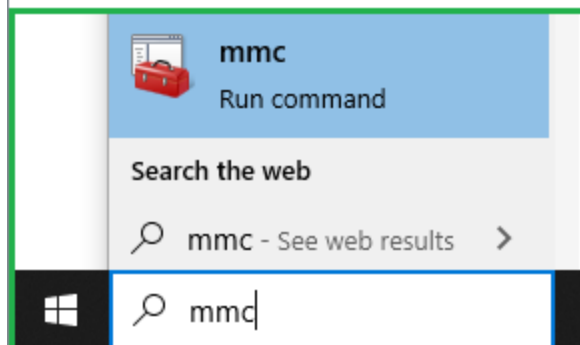
Export File Format

Certificates can be exported in a variety of file formats.

Select the format you want to use:

- ☐ DER encoded binary X.509 (.CER)
- ☐ Base-64 encoded X.509 (.CER)
- ☐ Cryptographic Message Syntax Standard - PKCS #7 Certificates (CER)
 - ☐ Include all certificates in the certification path if possible
- ☐ Personal Information Exchange - PKCS #12 (.PFX)
 - ☐ Include all certificates in the certification path if possible
 - ☐ Delete the private key if the export is successful
 - ☐ Export all extended properties
 - ☒ Enable certificate privacy
- ☒ Microsoft Serialized Certificate Store (.SST)

MMC + add certificate snapin



```
Set-SmimeConfig -SMIMECertificateIssuingCA (Get-Content C:\temp\test.sst -Encoding Byte)  
Set-SmimeConfig -SMIMECertificateIssuingCA (Get-Content C:\temp\test.sst -Encoding Byte)
```

Export a certificate

- **export from certificate store via Powershell (advanced / for reference only)**

<https://knowledge.digicert.com/quovadis/ssl-certificates/ssl-general-topics/how-do-trust-s-mime-certificate-in-office-365.html>

- **distribute Certificates via GPO**

<https://docs.microsoft.com/en-us/windows-server/identity/ad-fs/deployment/distribute-certificates-to-client-computers-by-using-group-policy#main>

- **missing encrypt button**

<https://docs.microsoft.com/en-us/outlook/troubleshoot/security/no-buttons-to-sign-or-encrypt-emails>

<https://support.microsoft.com/en-us/topic/0172c8ec-8e11-1df2-33ec-e285309c79ca>