1. Access the Microsoft Management Console (MMC) for your profile on this PC (you may need admin permissions from your IT Department to do this).



Select this mmc run command by clicking the left mouse button on it.

- 2. You should get a User Account Control Screen that will ask you if you want to allow this app to make changes to your device; it will have Microsoft Management Console listed. Click 'Yes' to open up the MMC for your profile on your PC.
- 3. You should then get the Console 1 Console Root Screen below. Click on the word 'File' in the Menu Bar.



4. Select 'Add/Remove Snap-in' from the list.



5. Then, in the Add or Remove Snap-ins Screen, go the Available Snap-ins Side, select the word 'Certificates' to highlight it in blue, and click on the 'Add' Button.



6. You should get a Certificates snap-in screen with 'My user account' selected. Leave it on that selection and click the 'Finish' Button. (Some of you may not get this screen; instead, the computer will jump to the screen on the next page.)



7. You will then get a 'Certificates – Current User' Line on the Selected Snap-ins Side. Click the 'OK' Button.



8. You should then come back to the main Console 1 – Console Root Screen with the 'Certificates – Current User' Line under the Console Root Folder in the left-side window pane. Click on the arrow or hash mark in front of that line to display the list of folders within that group.



9. Open up the Trusted Root Certification Authorities Folder by clicking on the arrow or hash mark (blue outlined box) and then the Certificates Sub-Folder (double-click the left mouse button in the red box) under that folder.



10. In the Center Pane of that Screen, you will see the Trusted Root Certification Authorities Certificates that are currently loaded in your Windows Certificate Store. You need to see the line in the center pane where it says Issued To ECA Root CA 4, Issued By ECA Root CA 4, and Expiration Date 12/30/2029.

Console1 - [Console Root\Certificates - Current Us File Action View Eavorites Window He	er\Trusted Root Certification Authoritie In	es\Certificates]										-	0 X
	r.												
🚆 Console Root	Issued To	Issued By	Expiration Date	Intended Purposes	Friendly Name	Status Certificate	Tem			^	Actions		
✓ ☐ Certificates - Current User	Baltimore CyberTrust Root	Baltimore CyberTrust Root	5/12/2025	Client Authenticati	DigiCert Baltimore						Certificates		
> 🧮 Personal	Certum CA	Certum CA	6/11/2027	Client Authenticati	Certum						More Act	ionr	
 Trusted Root Certification Authorities 	Certum Trusted Network CA	Certum Trusted Network CA	12/31/2029	Client Authenticati	Certum Trusted Net						WOTE AC	ions	· ·
Certificates	Glass 3 Public Primary Certificat	. Class 3 Public Primary Certificatio	8/1/2028	Client Authenticati	VeriSign Class 3 Pu						ECA Root CA	4	^
Enterprise trust	GOMODO RSA Certification Au	COMODO RSA Certification Auth	1/18/2038	Client Authenticati	Sectigo (formerly C						More Act	ions	•
Active Directory User Object	🔄 🔄 Copyright (c) 1997 Microsoft C	Copyright (c) 1997 Microsoft Corp.	12/30/1999	Time Stamping	Microsoft Timesta								
Trusted Publishers	🔄 dev-ORC-k Root 3	dev-ORC-k Root 3	11/18/2039	<all></all>	<none></none>								
Untrusted Certificates	🔄 DigiCert Assured ID Root CA	DigiCert Assured ID Root CA	11/9/2031	Client Authenticati	DigiCert								
> Third-Party Root Certification Authorities	🔄 DigiCert Assured ID Root G2	DigiCert Assured ID Root G2	1/15/2038	Client Authenticati	DigiCert Assured ID								
> 🧮 Trusted People	🔄 DigiCert Global Root CA	DigiCert Global Root CA	11/9/2031	Client Authenticati	DigiCert								
> Client Authentication Issuers	🔄 DigiCert Global Root G2	DigiCert Global Root G2	1/15/2038	Client Authenticati	DigiCert Global Roo								
> 🧮 Other People	🔄 🔄 DigiCert High Assurance EV Ro	DigiCert High Assurance EV Root	11/9/2031	Client Authenticati	DigiCert								
> 📔 Local NonRemovable Certificates	🔄 DigiCert Trusted Root G4	DigiCert Trusted Root G4	1/15/2038	Client Authenticati	DigiCert Trusted Ro								
> Certificate Enrollment Requests	DoD Root CA 2	DoD Root CA 2	12/5/2029	<all></all>	<none></none>								
> Smart Card Trusted Roots	🔄 DoD Root CA 3	DoD Root CA 3	12/30/2029	<all></all>	<none></none>								
	🔄 DoD Root CA 4	DoD Root CA 4	7/25/2032	<all></all>	<none></none>								
	🔄 DoD Root CA 5	DoD Root CA 5	6/14/2041	<all></all>	<none></none>								
	DST Root CA X3	DST Root CA X3	9/30/2021	Client Authenticati	DST Root CA X3								
	ECA Root CA 2	ECA Root CA 2	3/30/2028	<all></all>	<none></none>								
	ECA Root CA 4	ECA Root CA 4	12/30/2029	<all></all>	<none></none>								
	ECAdev8ManagementCA	ECAdev8ManagementCA	4/23/2028	<all></all>	<none></none>								
	ECAdev8ManagementCA	ECAdev8ManagementCA	4/23/2028	<all></all>	ECAdev8Managem								
	Entrust Root Certification Auth	Entrust Root Certification Authority	11/27/2026	Client Authenticati	Entrust								
	Entrust Root Certification Auth	Entrust Root Certification Authori	12/18/2037	Client Authenticati	Entrust Root Certifi								
	Entrust Root Certification Auth	Entrust Root Certification Authori	12/7/2030	Client Authenticati	Entrust.net								
	Entrust.net Certification Author	Entrust.net Certification Authority	7/24/2029	Client Authenticati	Entrust (2048)								
	Federal Common Policy CA	Federal Common Policy CA	12/1/2030	<all></all>	<none></none>								
	Federal Common Policy CA G2	Federal Common Policy CA G2	10/14/2040	<all></all>	<none></none>								
	GlobalSign	GlobalSign	3/18/2029	Client Authenticati	GlobalSign Root CA								
	GlobalSign	GlobalSign	12/15/2021	Client Authenticati	Google Trust Servic								
	GlobalSign Root CA	GlobalSign Root CA	1/28/2028	Client Authenticati	GlobalSign Root CA								
	Go Daddy Class 2 Certification	Go Daddy Class 2 Certification Au	6/29/2034	Client Authenticati	Go Daddy Class 2 C								
	Go Daddy Root Certificate Auth	. Go Daddy Root Certificate Author	12/31/2037	Client Authenticati	Go Daddy Root Cer								
	Hotspot 2.0 Trust Root CA - 03	Hotspot 2.0 Trust Root CA - 03	12/8/2043	Client Authenticati	Hotspot 2.0 Trust R								
	IdenTrust Commercial Root CA 1	IdenTrust Commercial Root CA 1	1/16/2034	Client Authenticati	IdenTrust Commerc								
	ISRG Root X1	ISRG Root X1	6/4/2035	Client Authenticati	ISRG Root X1								
	Microsoft Authenticode(tm) Ro	. Microsoft Authenticode(tm) Root	12/31/1999	Secure Email, Code	Microsoft Authenti								
	Microsoft ECC Product Root Ce	. Microsoft ECC Product Root Certi	2/27/2043	<all></all>	Microsoft ECC Prod								
	Microsoft ECC TS Root Certifica	 Microsoft ECC TS Root Certificate 	2/27/2043	<all></all>	Microsoft ECC TS R								
	Microsoft Root Authority	Microsoft Root Authority	12/31/2020	<all></all>	Microsoft Root Aut								
	Microsoft Root Certificate Auth	Microsoft Root Certificate Authori	5/9/2021	<all></all>	Microsoft Root Cert								
	Microsoft Root Certificate Auth	Microsoft Root Certificate Authori	6/23/2035	<all></all>	Microsoft Root Cert								
	Microsoft Root Certificate Auth	Microsoft Root Certificate Authori	3/22/2036	<all></all>	Microsoft Root Cert								
	Microsoft Time Stamp Root Cer	. Microsoft Time Stamp Root Certif	10/22/2039	<all></all>	Microsoft Time Sta								
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	E ORC ECA 7 Test	ORC ECA 7 Test	5/31/2024	<ali></ali>	<none></none>								
	CRC ECA / lest	ORC ECA / lest	5/31/2024	<all></all>	ORC ECA / Test								
	Egi UKC Root 2	UKC Koot 2	12/13/2035	<ali></ali>	<none></none>					~]]		
Trusted Root Certification Authorities store contains 68	certificates.												6 43 814
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11. Next, you need to check the Intermediate Certification Authorities Folder and its Certificates Sub-Folder for the line of Issued To WidePoint ECA 8, Issued By ECA Root CA 4, and Expiration Date 7/7/2027.

🚡 Console1 - [Console Root\Certificates - Current Us	er\Intermediate Certification Authoriti	es\Certificates]									- 1	
🚡 File Action View Favorites Window He	lp											- 8
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🚆 Console Root	Issued To	Issued By	Expiration Date	Intended Purposes	Friendly Name	Status Ce	rtificate Tem			^ Actions		
🗸 🔄 Certificates - Current User	DOD SW CA-54	DoD Root CA 3	11/23/2022	<all></all>	<none></none>					Certifica	tes	
> 🛄 Personal	DOD SW CA-55	DoD Root CA 4	11/23/2022	<all></all>	<none></none>					Certifica	103 1	
Trusted Root Certification Authorities	DOD SW CA-56	DoD Root CA 4	11/23/2022	<all></all>	<none></none>					Mo	e Actions	
Certificates	DOD SW CA-57	DoD Root CA 5	12/12/2022	<all></all>	<none></none>					WidePoi	nt ECA 8	-
> 📔 Enterprise Trust	DOD SW CA-58	DoD Root CA 5	12/12/2022	<all></all>	<none></none>					Ma	re Actions	· · · · ·
Intermediate Certification Authorities	DOD SW CA-60	DoD Root CA 3	4/2/2025	<all></all>	<none></none>					WIO	e Actions	
Certificate Revocation List	DOD SW CA-61	DoD Boot CA 5	3/31/2025	<all></all>	<none></none>							
Certificates	DOD SW CA-66	DoD Root CA 3	6/9/2027	<all></all>	<none></none>							
Active Directory User Object	DOD SW CA-67	DoD Root CA 3	6/9/2027	< 411>	<none></none>							
Industed Publishers	DOD SW CA-68	DoD Root CA 5	7/19/2027	< 411>	<none></none>							
Third-Party Root Certification Authorities	DOD SW CA-69	DoD Root CA 5	7/19/2027	< 411>	<none></none>							
Trusted People	ECA Root CA 4	ECA Root CA 4	12/30/2029	< 411>	<none></none>							
Client Authentication Issuers	Entrust Certification Authority -	Entrust Root Certification Authori	12/5/2030	< 411>	(None)							
> Other People	Enderal Bridge CA 64	Federal Common Policy CA 62	12/6/2029	< All>	(None)							
Local NonRemovable Certificates	Go Daddy Secure Certificate Au	Go Daddy Root Certificate Author	5/3/2031	< Alla	(None)							
Certificate Enrollment Requests	Iden Trust FCA 4	ECA Root CA 2	1/16/2020	< Alls	(None)							
> 🧾 Smart Card Trusted Roots	IdenTrust ECA 5	ECA Root CA 2	4/12/2022	< Alls	(None)							
	IdenTrust ECA Component S21	ECA Root CA 4	6/22/2022	< 411>	<none></none>							
	IdenTrust ECA \$21	ECA Boot CA 4	5/18/2022	< 411>	<none></none>							
	IdenTrust ECA \$22	ECA Boot CA 4	5/7/2025	< 411>	<none></none>							
	IdenTrust ECA \$22C	ECA Root CA 4	5/7/2025	< 411>	(None)							
	Microsoft Secure Server CA 2011	Microsoft Root Certificate Authori	10/18/2026	< 411>	(None)	Su	bordinate C					
	Microsoft TPM Root Certificate	Microsoft TPM Root Certificate A	12/10/2039	< Alla	(None)	50	bordinate em					
	Microsoft Windows Hardware	Microsoft Root Authority	12/31/2002	Code Signing Win	(None)							
	NCU-NTC-KEVID-23E4E22AD3B	Microsoft TPM Root Certificate A	3/21/2025	1.3.6.1.4.1.311.21.36	<none></none>							
	NCU-NTC-KEVID-23F4E22AD3B	Microsoft TPM Root Certificate A	6/3/2027	1361413112136	(None)							
	NFI3 Dev	dev-ORC-k Root 3	2/27/2026	< 411>	<none></none>							
		ECA Boot CA 4	9/1/2021	Alls	(None)							
		ECA Root CA 2	5/18/2020	< Alls	(None)							
	ORC ECA SW 5	ECA Root CA 2	5/18/2020	< 411>	(None)							
	DORC NELCA 3	WidePoint NEL Root 2	5/15/2023	< All>	<none></none>							
		Federal Common Policy CA 62	1/21/2024	< Alla	(None)							
		orc-PDC-CA	10/5/2035	< Alls	(None)							
	E R3	ISRG Root X1	9/15/2025	Client Authenticati	(None)							
	Boot Agency	Root Agency	12/31/2039	<all></all>	(None)							
	Section RSA Domain Validation	USERTrust RSA Certification Autho	12/31/2030	Server Authenticati	<none></none>							
	TrustAsia TI S RSA CA	DigiCert Global Root CA	12/8/2027	Server Authenticati	<none></none>							
	USERTrust ECC Certification Aut	AAA Certificate Services	12/31/2028	<all></all>	<none></none>							
	USERTrust RSA Certification Aut	AAA Certificate Services	12/31/2028	< 411>	(None)							
	WidePoint FCA 8	FCA Root CA 4	7/7/2027	< Alls	<none></none>							
	WidePoint ECA 8 Dev	ECAdev8ManagementCA	6/18/2027	<all></all>	<none></none>							
	WidePoint ECA 8 Dev	ECAdev8ManagementCA	6/18/2027	<all></all>	WidePoint ECA 8 Dev	v						
	WidePoint NELCA 5	WidePoint NEL Root 2	4/18/2030	< 411>	<none></none>							
	WidePoint NELCA 6	WidePoint NELBoot 2	12/31/2030	< 411>	<none></none>							
	WidePoint NEI Boot 2	Federal Bridge CA G4	2/4/2023	< 411>	<none></none>							
	WidePoint ORC ECA 7	FCA Root CA 4	6/5/2024	< 411>	<none></none>							
	WidePoint ORC SSP 5	Federal Common Policy CA 62	11/5/2030	< 411>	(None)							
	www.verisign.com/CPS Incorn	Class 3 Public Primary Certificatio	10/24/2016	Server Authenticati	<none></none>							
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12. As long as you have both of these in their respective locations shown above, then you have the trust chain for your certificates properly loaded. You can close the MMC.