

CA Chain HARICA con intermediate GÉANT

Per certificati rilasciati dopo il 6.3.2025

CA Chain per certificati ECC

Se la vostra chiave privata è di tipo ECC (crittografia a curva ellittica), usare questa CA chain.

harica_geant_ecc.zip

```
Subject: CN=GEANT TLS ECC 1,0=Hellenic Academic and Research Institutions
CA,C=GR
```

```
Issuer: CN=HARICA TLS ECC Root CA 2021,0=Hellenic Academic and Research
Institutions CA,C=GR
```

```
-----BEGIN CERTIFICATE-----
```

```
MIIDNzCCARYgAwIBAgIQQv3c4SYWB+Gl5pNaQAFh3TAKBggqhkJOPQQDAzBsMQsw
CQYDVQQGEwJHUjE3MDUGA1UECgwuSGVsbGVuaWMgQWNhZGVtaWMgYW5kIFJlc2Vh
cmNoIEluc3RpdHV0aW9ucyBDQTEkMCIGA1UEAwwbSEFSSUNBIFRMUyBFQ0MgUm9v
dCBDQSAyMDIxMB4XDTI1MDEwMzExMTQyMVoXDTM5MTIzMTExMTQyMFowYDELMAkG
A1UEBhMCR1IxNzA1BgNVBAoMLkhlbGxlbmJjIEFjYWRlbWljIGFuZCZBSXNlYXJj
aCBJbnN0aXR1dGlvbnMgQ0ExGDAwBgNVBAMMD0dFQU5UIFRMUyBFQ0MgMTB2MBAG
ByqGSM49AgEGBSuBBAAiA2IABANPWLwh0Za2UqtLV7/qNRm78zsttgSuvhn73bU
GtxETsVOEZeMUfMjgHw8EwrsSJI9oj0CgZQFFSEY1NJfcxA/NJi0YJUKPsFbp0rY
dr0q4g+aBZsXWeh7bMCzx24g/a0CAS0wggEpMBIGA1UdEwEB/wQIMAYBAf8CAQAw
HwYDVR0jBBgwFoAUyRtTgRL+BNUW0aq8mm+3oJUzbsowTQYIKwYBBQUHAQEETQA/
MD0GCCsGAQUFBzAChjFodHRwOi8vY3J0LmhhcmJjYS5nci9IQVJJQ0EtVExTLVJv
b3QtMjAyMS1FQ0MuY2VyMBEGA1UdIAQKMAgwBgYEVR0gADAdBgNVHSUEFjAUBggr
BgEFBQcDAGYIKwYBBQUHAwEwQgYDVR0fBDswOTA3oDWgM4YxaHR0cDovL2Nybc5o
YXJpY2EuZ3IvSEFSSUNBLVRMUy1Sb290LTIwMjE1MjE1MjE1MjE1MjE1MjE1MjE1
6ZkGjRcfq/uWGlRiW15dXuzanI8wDgYDVR0PAAQH/BAQDAgGGMAoGCCqGSM49BAMD
A2kAMGYCMQD2M1caaY20wmthgMANUQg3LBLI0/2LiCdxaz2zNq0G59wVzbjEk0cR/
px520egIwRACMQCk+iTmBlR6Xfv6igiiaFiPYfN2HfbcYLWbot5DZ2H1b4JVJV+V
rga7uu50SDG9hf4=
```

```
-----END CERTIFICATE-----
```

```
Subject: CN=GEANT TLS ECC 1,0=Hellenic Academic and Research Institutions
CA,C=GR
```

```
Issuer: CN=HARICA TLS ECC Root CA 2021,0=Hellenic Academic and Research
Institutions CA,C=GR
```

```
-----BEGIN CERTIFICATE-----
```

```
MIIDNzCCARYgAwIBAgIQQv3c4SYWB+Gl5pNaQAFh3TAKBggqhkJOPQQDAzBsMQsw
CQYDVQQGEwJHUjE3MDUGA1UECgwuSGVsbGVuaWMgQWNhZGVtaWMgYW5kIFJlc2Vh
cmNoIEluc3RpdHV0aW9ucyBDQTEkMCIGA1UEAwwbSEFSSUNBIFRMUyBFQ0MgUm9v
dCBDQSAyMDIxMB4XDTI1MDEwMzExMTQyMVoXDTM5MTIzMTExMTQyMFowYDELMAkG
A1UEBhMCR1IxNzA1BgNVBAoMLkhlbGxlbmJjIEFjYWRlbWljIGFuZCZBSXNlYXJj
aCBJbnN0aXR1dGlvbnMgQ0ExGDAwBgNVBAMMD0dFQU5UIFRMUyBFQ0MgMTB2MBAG
ByqGSM49AgEGBSuBBAAiA2IABANPWLwh0Za2UqtLV7/qNRm78zsttgSuvhn73bU
GtxETsVOEZeMUfMjgHw8EwrsSJI9oj0CgZQFFSEY1NJfcxA/NJi0YJUKPsFbp0rY
dr0q4g+aBZsXWeh7bMCzx24g/a0CAS0wggEpMBIGA1UdEwEB/wQIMAYBAf8CAQAw
```

```
HwYDVR0jBBgwFoAUyRtTgRL+BNUW0aq8mm+3oJUZbsowTQYIKwYBBQUHAQEETA/  
MD0GCCsGAQUFBzAChjFodHRwOi8vY3J0LmhhcmlljYS5nci9IQVJJQ0EtVExTLVJv  
b3QtMjAyMS1FQ0MuY2VyMBEGA1UdIAQKMAgwBgYEVR0gADAdBgNVHSUEfjAUBGgr  
BgEFBQcDAGYIKwYBBQUHAWewQgYDVR0fBDswOTA3oDWgM4YxaHR0cDovL2Nybc5o  
YXJpY2EuZ3IvSEFSSUNBLVRMUy1Sb290LTIwMjEtRUNDLmNybdAdBgNVHQ4EFgQU  
6ZkGjRcfq/uWGlRlW15dXuzanI8wDgYDVR0PAQH/BAQDAgGGMAoGCCqGSM49BAMD  
A2kAMGYCMQD2M1caay20wmthgmanUQg3LBLI0/2LiCdxaz2zNq0G59wVzbjEk0cR/  
px520egIwRACMQCk+iTmBlR6Xfv6igiiaFiPYfN2HfbcYLWbot5DZ2H1b4JVJV+V  
rga7uu50SDG9hf4=  
-----END CERTIFICATE-----
```

CA Chain per certificati RSA

Se la vostra chiave privata è di tipo RSA, usare questa CA chain.

harica_geant_rsa.zip

```
Subject: CN=GEANT TLS RSA 1,0=Hellenic Academic and Research Institutions  
CA,C=GR  
Issuer: CN=HARICA TLS RSA Root CA 2021,0=Hellenic Academic and Research  
Institutions CA,C=GR  
-----BEGIN CERTIFICATE-----  
MIIGBTCCA+2gAwIBAgIQFNv782kiKCGaVwVf6kWUbiANBgkqhkiG9w0BAQsFADBz  
MQswCQYDVQQGEwJHUjE3MDUGA1UECgwuSGVsbGVuaWMgQWNhZGVtaWMgYW5kIFJl  
c2VhcmNoIEluc3RpdHV0aw9ucyBDQTEkMCIGA1UEAwwbSEFSSUNBIFRMUyBSU0Eg  
Um9vdCBDQSAyMDIxMB4XDTE1MDEwMzExMTUwMFoXDTE1MDEwMzExMTUwMTQ1O  
VowYDELMAKGA1UEBhMCRIxNzA1BgNVBAoMLkhlbGxlbmljIEFjYWRlbnWljiGFuZC  
BSZXNlYXJjaCBjbnN0aXRldGlvbnMgQ0ExGDAwBgNVBAMMD0dFU5UIFRMUyBSU0Eg  
MTCCAAIwDQYJKoZIhvcNAQEBBQADggGPADCCAYoCggGBAKEEaZSzeznAPk8IEa17G  
SGyJzPTj4cwRY7/vcq2BPT5+IRGxQtaCdgLXIEl2cdPdIkj2eyakFmgMjAtyeju  
8V8dRayQCD/bWjJ7thDlowgLLjQaXirxnYbT8bzRHAhCZqBakYgi5KWw9dANLYD  
HGpXUdY259ab0lWEaFE5Uu6IzQSMJOAy4l/Twym8GUiY0qMDEBFSlm31C9Bxp  
dHKKAlhvIjMiKoDeTWl5vZaLB2MMRGY1yW2ftPgIP0/MkX1uFITlvHmMTngxpL  
H1nybEIJFiwHg1KiLk1TprcZge02gxE5Lz3wTFWrsULAzrh5xWmscWkjNi/4B  
peuiT5+NEFczboLnX0fjuci/7bsnPi1/aZN/iKNBJRnngFoLaKVMmqCS7Xo34f+  
BITatryQZFEu2oDKExQglxDBCfYMLgLucX/onpLzUSgeQITNLx6i5tGGbUYH+9Dy  
3GI66L/5tPjqzL0sydki8ZYGE5SBJewCZ2IrhUe0WzZ2b6Zhk6JAQIDAQABo4I  
BLTCCASKwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHSMEGDAwBQKSC0mYKSSCj  
Pqk1vFV+oLTb0S7jBNBggRbgEFBQcBAQRBMD8wPQYIKwYBBQUHMAKGMWh0dHA6  
Ly9jcnQuaGFyaWNhLmdyL0hBUklDQS1UTFMtUm9vdC0yMDIxLVJTS5jZXIwE  
QYDVR0gBAowCDAGBgRVHSAAMB0GA1UdJQ0wMBQGCCsGAQUFBwMCBggrBgEFBQc  
DATBCBgNVHR8E0zA5MDegNaAzHjFodHRwOi8vY3J0LmhhcmlljYS5nci9IQVJJQ  
0EtVExTLVJvb3QtMjAyMS1FQ0MuY2VyMBEGA1UdDgQWBBsgAXI/jKlw4jEGUx  
b0AV9becg80za0BgNVHQ8BAf8EBAMCAYYwDQYJKoZIhvcNAQELBQADggIBABkss  
jQzYr0o4GMsKegaChP16yNe6SckwBymM455R2rMeuQ3zlxUN0Et+KUfgue0A2urp  
4j6TlPbs/XxpwuN3I1f09Luk5b+ZgRXM7obE6ZLTerVQWkoTShyl34R2XlK8p  
Ey7+67Ht4lcJzt+K6K5gEuoPSGQDPef+fUfmXrFcgBMcMbtFd9dubFKNZXo5n  
AXiqhFM0IyByag3H+t0TuH8zuId9pHRDsUpAIHJ9/W2WBfLcKav7IKRlNBRD/  
sPBy903J9WHPKwl8kQSDA+aa7XCyK7bjtEyf+7GM9F5cZ7+YyknXqnv/rtQEK  
TKZdQo5Us18VFe9qqj94tXbLdk7PejJYNB40
```

```
ZLli44Ld7rtqfFlUych7gIxFOmiyxMQQYrYmUi+74lEZvfoNhuref0CupuKpz603
dLv6k09T10uNdDBoBQTkge3UzHafTIE3R2o3ujXKUGPwyc9m7/FETyKLUCwSU/50
AV0eBCU8QtKKjM8AmbpKpe3pHWcyq3R7B3LmIALkMPTydyDfxen65IDqREbVq8N
xjkhJThUz40Jq0lN6uqKqeDISj/IoucYwsqW24Al07ZzNmohQmMi8ep23H4hBSh0
GBTe2XvkuzaNf92syK8l2Hz0+13GLCjzYLTpVXT09UpK8DGyfGZ0uamuwbAnbNpE
3RfjV9IaUQGJ
```

-----END CERTIFICATE-----

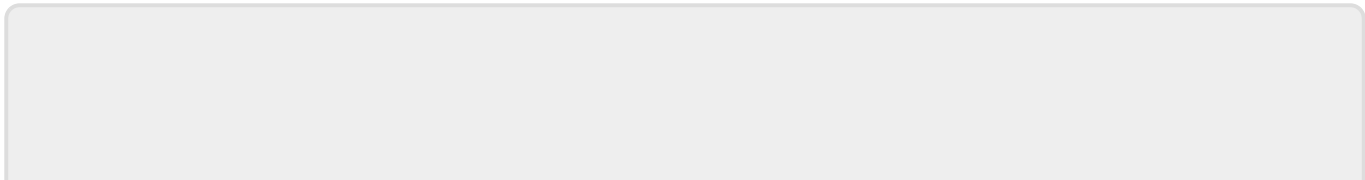
Subject: CN=HARICA TLS RSA Root CA 2021,0=Hellenic Academic and Research Institutions CA,C=GR

Issuer: CN=HARICA TLS RSA Root CA 2021,0=Hellenic Academic and Research Institutions CA,C=GR

-----BEGIN CERTIFICATE-----

```
MIIIFpDCCA4ygAwIBAgIQ0cqTHO9D88a0k8f0ZIk4fjANBgkqhkiG9w0BAQsFADBBS
MQswCQYDVQQGEwJHUjE3MDUGA1UECgwuSGVsbGVuaWwMgQWNhZGVtaWwMgYW5kIFJl
c2VhcmNoIEluc3RpdHV0aW9ucyBDQTEkMCIGA1UEAwwbSEFSSUNBIFRMYyBSU0Eg
Um9vdCBDQSAyMDIxMB4XDTIxMDIx0TEwNTUz0FoXDTQ1MDIxMzEwNTUzN1owbDEL
MAKGA1UEBhMCR1IxNzA1BgNVBAoMLkhlbGxlbmljIEFjYWRlbWljIGFuZCBSZXNl
YXJjaCBJbnN0aXRldGlvbnMgQ0ExJDAiBgNVBAMMG0hBUklDQSBUTFMgUlnBIFJv
b3QgQ0EgMjAyMTCCAiIwDQYJKoZIhvcNAQEBBQADggIPADCCAgoCggIBAIvC569l
mwVnlskNjLnQDmT8zuIkGCyEf3dRywQRNrhe7Wlxp57kJQmXZ8FHws+RFjZiPTgE
4VGC/6zStGndLuwRo0Xua2s7TL+MjaQenRG56Tj5eg4Mm0IjHdF0Y9TnuEFE+2uv
a9of08WRiFukiZLRgeaMOVig1mlDqa2YUlhu2wr7a89o+u0kXjpFc5gH6l8Cct4M
pb0frqkdtx2z/IpZ525yZa31MJQjB/OCFks1mJxTuy/K5FrZx40d/JiZ+yykgmvw
Kh+0C19xXFyuQnspiYHLA60ZyoieC0AJQTPb5lh6/a6ZcMbaD9YThnEvdnm8kN3b
LW7R8pv1GmuebxwMevBLKKAi0IAkbDak0/Iwkfn4E8/BPzWr8R0RI7VDI4BkrcY
AuUR0YlBfQDMYtFBKnya4dC6s1BG7oKsnTH4+yPiAwBIcKMJJnkVU2Dz0Fyt00qB
AGMUuTNe3QvboEUHGjMJ+E20pwKmafTCWQWIZYVWrkvL4N48fS0ay0n7H6NhStYq
E613TBoYm5EPWNgGVMWX+Ko/IIqhmaZ39qb8H0LubpQzKoNQHArLT4b4UEV4AIHr
W2jjJo3Me1xR9BQsQL4aYB16cmEdH2MtiKr0okWQCPxrvrNqKlr9qEgYRtaQQJKQ
CoReaDH46+0N0x3GfZkYVVYnZS6NRcUk7M7jAgMBAAGjQjBAMA8GA1UdEwEB/wQF
MAMBAf8wHQYDVRR00BBYEFAPiI6ZgpJIKM+qTW8VX6iVNvRLuMA4GA1UdDwEB/wQE
AwIBhjANBgkqhkiG9w0BAQsFAA0CAgEAPpBIqm5iFSVmewzVjIuJndftTgfvnNAU
X15QvWiWkKQUEapobQk10UAJ2vQJLDSle1mESSmXdMgHHkdt8s4cUCbjnj1AUz/3
f5Z2EMVGpdAgS1D0NTsY9FVqQRtHBmg8uwkIYtlfVUKqrF0FrJVVNlar5AWMxaja
H6NpvVMPxP/cyU+8kyIhkdGGvMA9YCRotxDQpSbIPDRzblRlFPCU3hKTWsuQZqP
JzLB5UkZv/HywouCjKxKLR9YjYsTewfM7Z+d21+UPCfDtcRj88YxeMn/ibvBZ3P
zzfF0Hva07AWhAw6k9a+F9sPPg4ZeAnHqQJyIkv3N3a6dcSFA1pj1bF1BcK5vZSt
jBWZp5N99sXzqnTPBIWUmAD04vnKJGW/4GKvyMX6ssmeVkjaf2WdhW+o45WxLM0
/L5H9MG0qPzVMIho7suuyWPEdr6s0BjhXlzPrjoiUevRi7PzKzMHVIf6tLITE7pT
BGIBnfHAT+7h0tSLIBD6Alfm78ELt5BgnBkpjNxvoEppaZS3JGWg/6w/zgH7IS79
aPib8qXPMThcFarmlwDB31qlpzmq6YR/PFG0tmUW4y/Twhx5duoXNTSpv4Ao8YW
xw/ogM4cKGR0GqjTQuP0AF1/sdwTs0EFy9EgqoZ0njnknf3/W9b3raYvAwtt41dU
63ZTGI0RmLo=
```

-----END CERTIFICATE-----



From:

<https://docu.units.it/dokuwiki/> - **Area dei Servizi ICT - Documentation**

Permanent link:

https://docu.units.it/dokuwiki/certificati:server:tcs_cachain_harica_geant

Last update: **2025/03/04 13:19 (15 ore fa)**

