

#### Change to Austraclear Website certificates for Internet/ANNI

Attached are the details of the Root CA which needs to be present on systems accessing Austraclear services via Internet or ANNI:

This should have no impact to machines running windows 7 or higher as the Root CA is installed on demand if it has not been required previously.

#### **Certificate Thumbprint:**

a8 98 5d 3a 65 e5 e5 c4 b2 d7 d6 6d 40 c6 dd 2f b1 9c 54 36

Field	Value	^
Public key parameters	05 00	
🛐 Subject Key Identifier	03 de 50 35 56 d1 4c bb 66 f0	
authority Key Identifier	KeyID=03 de 50 35 56 d1 4c b	
ह Key Usage	Digital Signature, Certificate Si	
\overline Basic Constraints	Subject Type=CA, Path Lengt	
🛅 Thumbprint algorithm	sha1	
🛅 Thumbprint	a8 98 5d 3a 65 e5 e5 c4 b2 d7	
		×

a8 98 5d 3a 65 e5 e5 c4 b2 d7 d6 6d 40 c6 dd 2f b1 9c 54 36

#### **Certificate Information:**

Certificate Information	
This certificate is intended for the following purpose	(s):
<ul> <li>Ensures the identity of a remote computer</li> <li>Proves your identity to a remote computer</li> <li>Protects e-mail messages</li> <li>Ensures software came from software publisher</li> <li>Protects software from alteration after publication</li> <li>Allows data to be signed with the current time</li> </ul>	* *
Issued to: DigiCert Global Root CA	
Issued by: DigiCert Global Root CA	

Valid from 10/11/2006 to 10/11/2031

A check can be performed on Windows in a few ways. These are:

#### 1) Via Powershell on the machine connecting to Austraclear:

Get-ChildItem Cert:\LocalMachine\AuthRoot\ | sls A8985D3A65E5E5C4B2D7D66D40C6DD2FB19C5436

#### Expected output should be:

[Subject]



CN=DigiCert Global Root CA, OU=www.digicert.com, O=DigiCert Inc, C=US

[Issuer]

CN=DigiCert Global Root CA, OU=www.digicert.com, O=DigiCert Inc, C=US

[Serial Number]

083BE056904246B1A1756AC95991C74A

[Not Before]

10/11/2006 11:00:00 AM

[Not After]

10/11/2031 11:00:00 AM

[Thumbprint]

A8985D3A65E5E5C4B2D7D66D40C6DD2FB19C5436

#### 2) Via MMC (as administrator):

Start > run > mmc

File > Add/Remove Snap-in

Select Certificates from the left, Click Add, Select Computer Account > next > Local Computer > Finish > OK

Expand Certificates, Trusted Root Certification Authorities, Certificates Look for "DigiCert Global Root CA".

Console Root	Issued To 🔺	Issued By	Expiration Date	Intended Purposes	Friendly Name 🔄
🖃 🔜 Certificates (Local Computer)	📮 Add for a the land 10.4 Bloc	Ar to a Fold all Ala	10, 50, 10	nor self of a num	het NEV nist Kide
🕀 🧮 Personal	🗐 Affin Turs: Anno stal	Af the unit Conversion	រូង នោះ ខ	The sec 2 differences of a	AP et l'het Conver
Trusted Root Certification Authorities	🖾 Jáno-ka Unine Post Gerarikation . 👘	Averica Oning Net: Co-thist: on Au	20,, 2037	Code Signing	America Cinine Ross
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Enterprise Trust	🗐 343 General Rock C3	2011 On poliete Rom 30	7,11,2120	- colle	of the second seco
Intermediate Certification Authorities	🔄 AGC Cicerations Proce CA, SC	AC+ 1 per etions Rocc 04 62	-012/6720-	< Ali 1	<tons.></tons.>
Trusted Publishers	📮 ASS Character V Pool Alertic	Abs The Decision Reports CA CD	an a	- Sell -	(Burne)
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Gater People      Remote Deskton	📫 dav i soliti Prima y Germina I nava	Class S-Alth Fernary Cathir and Cur-	11-01-F	menory rise, Cleating	there are law to the
Certificate Enrollment Requests	🗐 Copy for: (c) 1997 Mic poolt Corp. –	Coontight (c) 1997 Microsoft Colp	01/12/1999	The Carrolog	Microsoft: Timestemp
Smart Card Trusted Roots	📮 Pagitan Associate Activity	Dig Call Asserted ID PublicA	10/11/5131	Server Authoritheau ora-	5, 6st
🕀 🧰 SPC	DigiCert Global Root CA	DigiCert Global Root CA	10/11/2031	Server Authenticatio	DigiCert
🗉 🚞 Trusted Devices	📮 Bigfort, Hun Asterland, Evilyadd (A.	an that Bayl Assault in 57 foot wa	10-01/2080	Server Automic cales.	E gives
	📮 Cagler, H., (Avan and Metar., 14)	a Clating Assistant State A	106 (* B)	6415	GT4 (24
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Double Click the certificate and select the Details tab. Scroll down to Thumbprint and confirm it matches the thumbprint at the start of the document. That is,

a8 98 5d 3a 65 e5 e5 c4 b2 d7 d6 6d 40 c6 dd 2f b1 9c 54 36

#### 3) Digicert online checker (for internet connected computers)

Browse to <u>https://global-root-ca.chain-demos.digicert.com/</u>. If the page loads successfully with no SSL chaining errors, the appropriate Root CA is installed.

A download link is also available for the DigiCert Global Root CA:



#### https://www.digicert.com/CACerts/DigiCertGlobalRootCA.crt

Installation of the root CA can be performed by your administrator. Steps can be found below:

Click Start -> Run -> Enter 'MMC' and click 'OK'

7 Iy re:	pe the name of a progra ource, and Windows wil	m, folder, docum I open it for you.	ent, or Interne
en: 🚺	imc		
6	This task will be create	d with administr	ative privilege:

2. Click File -> Add/Remove Snap-In...

File	Action	View	Favorites	Window	Hel
Ne	w			Ctrl+N	
Op	en			Ctrl+O	
Sa	ve			Ctrl+S	-
Sa	ve As				
Ac	ld/Remov	e Snap-i	n	Ctrl+M	
Op	btions				
1 5	5QLServe	Manage	er10		
2 (	:\Windov	vs\syste	m32\certmgr	·	
3 (	:\Users\.	\Cons	ole1		
4 (	:\Windov	vs\syste	m32\WF		
Ex	it				

## 3. Add Certificate

Select 'Certificates' in left panel and click 'Add' to move to right panel , Then Click 'OK'



pan-in	Vendor			Edit Extensions
ActiveX Control	Microsoft Cor		Console (COC	
Authorization Manager	Microsoft Cor			Remove
Certificates	Nicrosoft Cor			-
Component Services	Microsoft Cor			Move Up
Computer Managem	Microsoft Cor			
Device Manager	Microsoft Cor	1		Move Down
Disk Management	Microsoft and	Add >		
DNS	Microsoft Cor			
Event Viewer	Microsoft Cor			
Folder	Microsoft Cor			
Group Policy Object	Microsoft Cor			
Internet Information	Microsoft Cor			
IP Security Monitor	Microsoft Cor			
IP Security Policy Ma	Microsoft Cor	<u> </u>		Advanced
cription:				

4. Select 'Computer Account' option and click 'Next'

tuncates shap-in		
This snap-in will always manage certificates fo	ır:	
C My user account		
C Service account		
Computer account		

5. Click 'Finish'



I ocal computer: 1	(the computer this consol	le is running on)	
C Another computer			Browse
Allow the selecter	d computer to be change usave the console	ed when launching from th	e command line. This
only applies if you			

## 6. Click 'OK'

iap-in	Vendor			Console Root		Edit Extensions
ActiveX Control	Microsoft Cor			🔜 Certificates (	Local Computer)	-
Authorization Manager	Microsoft Cor			21	and a rest of the second provide second	Remove
Certificates	Microsoft Cor					
Component Services	Microsoft Cor					Movellin
Computer Managem	Microsoft Cor					
Device Manager	Microsoft Cor	_				Move Down
Disk Management	Microsoft and	Add	1 >			
DNS	Microsoft Cor					
Event Viewer	Microsoft Cor					
Folder	Microsoft Cor					
Group Policy Object	Microsoft Cor					
Internet Information	Microsoft Cor					
IP Security Monitor	Microsoft Cor	_				· · · · · · · · · · · · · · · · · · ·
IP Security Policy Ma	Microsoft Cor	-				Advanced
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## 7. Start to import Trusted Root Certificate



- A. Expand Certificates Node;
- B. Right click Trusted Root Certificates -> All Tasks -> Import.



## 8. Click Next



9. select downloaded Certificate file

Click 'Browse' to select correct Certificate file and click Next



rtificate Import Wizard	
File to Import	
Specify the file you want to imp	port.
File name:	
C:\DBM-CA.cer	Browse
Note: More than one certificat	te can be stored in a single file in the following formats:
Personal Information Excha	ange- PKCS #12 (.PFX,.P12)
Cryptographic Message Syr	ntax Standard- PKCS #7 Certificates (.P7B)
Microsoft Serialized Certifica	ate Store (.SST)
Learn more about certificate file for	rmats
	c Back Next > Concol

## 10. Click Next

rtificate Import Wizard			
Certificate Store			
Certificate stores are system areas whe	re certificates are	kept.	
Windows can automatically select a cert the certificate.	ificate store, or yo	u can specify a	a location for
C Automatically select the certificat	e store based on t	he type of cer	tificate
Place all certificates in the followi	ng store		
Certificate store:			
Trusted Root Certification Author	orities		Browse
Learn more about <u>certificate stores</u>			
	< Back	Next >	Cancel

# ASX

### 11. Click Finish

Completing the Cert Wizard	tificate Import
The certificate will be imported aft	er you click Finish.
Certificate Store Selected by User Content file Name	Trusted Root Certificati Certificate C:\ssl\DBM-CA.cer
 < Back	Finish Cancel

## 12. Done

