



# **GajShield Https Certificate Help**

Mandatory: Certificate should have key length value set to 1024

**How To Install Certificate In Chrome** 

 $\lambda$  Click download and install certificate option and you would download the certificate.



 $\lambda$  Visit Options (under Tools ->)

🖉 GajShield Infotech (1) Pvt 🗴 🕀	State of the local state of the	
← → C 👬 🏫 b#ps://192.168.2.199/userlogin/index.html	4	► B- F.
GajShield Infotech (I) Pvt. Ltd. User Id: Password: Login	New tab         New window         New incognito window         ✓         Always show bookmarks bar         Full screen         History         Bookmark manager         Downloads         Extensions         Sync my bookmarks         Options         About Gool         Chrome	Ctrl+T Ctrl+N Ctrl+Shift+N Ctrl+B F11 Ctrl+H Ctrl+H Ctrl+Shift+B Ctrl+J
	Help Evit	F1

 $\lambda$   $\;$  In Options visit the Under the Hood and Click on Manage Certificates.

	Personal Stuff	Under the Hood			
Ye	ou have chosen	to open certain file t	ypes automatically aft	ter downloading. You can clei	ar
th	ese settings so f	hat downloaded files	s don't open automati	ically.	
	Clear auto-o	pening settings			
Wal	Contont				
C	nange the defau	It font and language	for webpages.		
	Change for	t and language settin			
	changeron	tuna language settin	33		
G	ars: Change	Gears settings			
Sec	urity				
Se	lect trusted SSL	certificates.			
	Manage cer	tificate			
	ananutar uida C				E
0		SL settings:			
C		1			
C	Use SSL 2.0	)			
C	Use SSL 2.0	) server certificate revo	ocation		
C	Use SSL 2.0	) server certificate revo	ocation		•
C	Use SSL 2.0	) server certificate revo	ocation	Reset to d	efaults

λ Select Trusted Root Certification Authorities & Click on import and select the certificate file just downloaded.

ntermediate Certification A	uthorities Trusted Root C	e <mark>rt</mark> ification Aut	horities Trusted Pub	4
Issued To	Issued By	Expiratio	Friendly Name	
Class 3 Public Prima Class 3 Public Prima Copyright (c) 1997 Equifax Secure Cer gajshieldca GTE CyberTrust Glo Microsoft Authentic Microsoft Root Aut Microsoft Root Cert	Class 3 Public Primary Class 3 Public Primary Copyright (c) 1997 Mi Equifax Secure Certifi gajshieldca GTE CyberTrust Globa Microsoft Authenticod Microsoft Root Authority Microsoft Root Certifi	8/2/2028 1/8/2004 12/31/1999 8/22/2018 6/9/2015 8/14/2018 1/1/2000 12/31/2020 5/10/2021	VeriSign Class 3 VeriSign Microsoft Timest GeoTrust <none> GTE CyberTrust Microsoft Authe Microsoft Root A Microsoft Root C</none>	E
Import Certificate Inded purpos	Remove		Advar	nce



File to Import	ent to import		
specify the file you wa	ant to import.		
File name:			
C: \Users\Sunny\Desk	top\GajShield.per	n	Browse
Note: More than one	certificate can be	stored in a single file ir	n the following formats:
Personal Informatio	n Exchange - PKC	S #12 (.PFX,.P12)	
Cryptographic Mess	sage Syntax Stan	dard-PKCS #7 Certific	ates (.P7B)
Microsoft Serialized	Certificate Store	(.SST)	
earn more about <u>certificat</u>	e file formats		

Certificate Store			
Certificate stores are system areas	where certificates are	kept.	
Windows can automatically select a the certificate.	certificate store, or yo	u <mark>can specify a locatio</mark>	n for
O Automatically select the certimeter of the	ficate store based on t	he type of certificate	
Place all certificates in the fol	llowing store		
Certificate store:			
Trusted Root Certification A	Authorities	Browse	
earn more about <u>certificate stores</u>			

Certificate Import Wizard		X	
	Completing the Certificate Import Wizard The certificate will be imported after you click Finish. You have specified the following settings:		
	Content File Name	Certificate C:\Users\Sunny\Desk	
	<pre>     Back </pre>	Finish Cancel	
Certificate Import Wizard	X		
The import w	vas successful.		
	ОК		

 $\lambda$  Once this step is done, you have installed the CA into your browser and now the browser would accept firewall certificates.

### **How To Install Certificate In Internet Explorer**

These browsers use windows built in Certificate credentials and for them you will have to add the certificate into the system. Here is how:

 $\lambda$  Download the certificate in pkcs#12 format.



 $\lambda$  In start->run type mmc.

	Type the name of a pro resource, and Windows	gram, folder, docur will open it for you	ment, or Internet 1.
<u>Open:</u>	mmc		3.
	OK D	Cancel	Browse

 $\lambda$  Once mmc is opened, add certificates option from File->Add/remove snap-in.

Console1 - [Console Root]		
File Action View Favorites Window	Help	- 8 ×
Mew Ctrl+N		
Open Ctrl+O		Actions
Save Ctrl+S	There are no items to show in this view.	Console Root 🔺
Save As		More Actions
Add/Remove Snap-in Ctrl+M		
Options		
1 services		
2 compmgmt		
3 devmgmt		
4 diskright		
Exit	]	
Enables you to add snan-ins to or remove them fr	om the snan-in console.	

ActiveX Control Mic Authorization Manager Mic	icrosoft Cor icrosoft Cor					
Authorization Manager Mid	icrosoft Cor				Remove	
	irrand Car	- 10 - 1				
Component Services Mid	icrosoft Cor				Move Up	
Computer Managem Mid	icrosoft Cor					
Device Manager Mid	icrosoft Cor			Move Dow	n	
Disk Management Mid	icrosoft and		Add >			
Event Viewer Mid	icrosoft Cor		Š,			
Folder Mid	icrosoft Cor					
Group Policy Object Mic	icrosoft Cor					
IP Security Monitor Mid	icrosoft Cor					
IP Security Policy M Mic	icrosoft Cor					
Link to Web Address Mid	icrosoft Cor	-			Advanced.	
		· ·			Auvanceu.	



Select the computer you w	vant this snap-in to manage.
This snap-in will always r	manage:
Local computer: (th	e computer this console is running on)
O Another computer:	Browse
Allow the selected of	computer to be changed when launching from the command line. This
only applies if you s	ave the console.

 $\lambda$  Once certificates are added, click on Ok.

λ Expand certificates and right click on Trusted Root Certification Authorities, select All task and click on Import.

Console Root       Issued To       Issued By       Actions         Certificates (Local Computer)       Class 3 Public Primary Certificat       More Actions       More Actions         Certific       All Tasks       Import       Copyright (c) 1997 Microsoft C       Copyright (c) 1997 Microsoft C       Copyright (c) 1997 Microsoft C       More Actions       More Actions         Intermedia       View       Import       Import       Microsoft Authenticc       Microsoft Root Authenticc         More Actions       New Window from Here       New Taskpad View       Microsoft Root Certificate Auth       Microsoft Root Cartificate Auth       Microsoft Root Cartificate Auth       Microsoft Root Certificate Auth         More Actions       Refresh       Export List       BILITY ACCEPTED, (c)97       NO LIABILITY ACCEP         Mere Stand       Frimestamping CA       Thawte Primum Ser       Timestamping CA       Thawte Timestampin         Set First-Object       UTN-USERFirst-Objer       UTN-USERFirst-Objer       Microsoft Root Authentice       Microsoft Root Authentice         Methy       Methy       Kersin
Add a centrolate to a store

 $\lambda$  Import the pkcs#12 format (.p12) certificate and when prompted on where to save the certificate select the Trusted Root Certification Authorities path and click on Next.







• Click on Finish to complete the installation process

Certificate Import Wizard	and the second second	×
	Completing the Certif Wizard The certificate will be imported after You have specified the following se	<b>icate Import</b> er you dick Finish. ettings:
	Certificate Store Selected by Use Content File Name	r Trusted Root Certifica Certificate C:\Users\Sunny\Desk
	<	
	< Back	Finish 0 Cancel
		Cancer
Certificate Import Wizard	x	
The import w	as successful.	
	ОК	

🚰 Console1 - [Console Root\Certificates (Local Con	🚡 Console1 - [Console Root\Certificates (Local Computer)\Trusted Root Certification Authorities\Certificates]								
🚰 File Action View Favorites Window	Help		- 8 ×						
Console Root Certificates (Local Computer) Personal Certificates Cer	Issued To Class 3 Public Primary Certificat Class 3 Public Primary Certificat Class 3 Public Primary Certificat Copyright (c) 1997 Microsoft C Equifax Secure Certificate Auth Gajshieldca GTE CyberTrust Global Root Microsoft Authenticode(tm) Ro Microsoft Root Authority Microsoft Root Certificate Auth NO LIABILITY ACCEPTED, (c)97 Thawte Premium Server CA Thawte Timestamping CA UTN-USERFirst-Object	Issued By Class 3 Public Primar Class 3 Public Primar Copyright (c) 1997 M Equifax Secure Certifi gajshieldca GTE CyberTrust Glob Microsoft Authenticc Microsoft Root Authenticc Microsoft Root Certif NO LIABILITY ACCEP Thawte Premium Ser Thawte Timestampir UTN-USERFirst-Obje	Actions Certificates A More Actions F gajshieldca A More Actions F						
✓         III         ►           Trusted Root Certification Authorities store contains	< III 13 certificates.	F.							

 $\lambda$  Once this step is done, you have installed the CA into your browser and now the browser would accept firewall certificates.

### How To Install Certificate In Mozilla Firefox

 $\lambda$  Click download and install certificate option and you would download the certificate.



 $\lambda$  Visit preferences (under Tools -> Options in windows and Edit -> Preferences in Linux).

🥹 GajShield Infotech (I) Pvt. Ltd Mozilla Fi	refox	J. Sugar	Manual Start Manual Street Street		10 Mar 10	
<u>File Edit View History Bookmarks To</u>	ols <u>H</u> elp		_			
🔇 💁 C 🗙 🏠 🌉	Web Search	Ctrl+K	lex.html	습	▼ 🛃 ▼ Google	Q
🔊 Most Visited 📄 Getting Started 🔜	Downloads	Ctrl+J				
GAJSHIELD ::	Add-ons		🛪 👹 GajShield Infotech (I) Pvt. Ltd.	x ÷		
	Error <u>C</u> onsole Page <u>I</u> nfo	Ctrl+Shift+J				
	Start <u>P</u> rivate Browsing Clear Recent <u>H</u> istory	Ctrl+Shift+P Ctrl+Shift+Del	nfotech (1) Pvt. Ltd.			
	Options					
			Login			

 $\lambda$   $\;$  In preferences visit the Advanced option and select the Encryption tab.

Options						n	X
中				6		<u></u>	
Main	Tabs	Content	Applications	Privacy	Security	Advanced	
General	letwork U	pdate Encr	yption				
Proto	cols Ise SSL <u>3</u> .0	]		Use TLS ;	<u>1</u> .0		
Certif	icates						
When	a web site	requires a c	ertificate:	very time			
	eject one a			wery cjine			
View	Certificate	<u>Revo</u>	cation Lists	Validation	Securit	y Devices	
				ок	Cancel	Help	

 $\lambda$  Click on view certificates.

Options						in est	X
4				6		<u></u>	
Main	Tabs	Content	Applications	Privacy	Security	Advanced	
General	letwork U	pdate Encr	yption				
	-						
Protoc	:015		_				
	se SSL <u>3</u> .0			Use TLS ;	<u>1</u> .0		
Certifi	cates —						
When	a web site	requires a c	ertificate:				
💿 S	elect one a	automatically	🚫 Ask me e	very time			
View	Certificate	e <u>s</u> <u>R</u> evo	cation Lists	Validation	Securit	y Devices	
							-
-							
				ок	Cancel	Help	
-						. <u> </u>	

 $\lambda$  ~ Select Authorities & Click on import and select the certificate file just downloaded.

Certificate Manager		
Your Certificates People Servers Authoriti	es Others	
You have certificates on file that identify th	nese certificate authorities:	
Certificate Name	Security Device	Ę
ABA.ECOM, INC. ABA.ECOM Root CA ACC Camerfirma SA CIE A82743287	Builtin Object Token	
Chambers of Commerce Root Global Chambersign Root	Builtin Object Token Builtin Object Token	
<ul> <li>AddTrust AB</li> <li>AddTrust Class 1 CA Root</li> <li>AddTrust External CA Root</li> </ul>	Builtin Object Token Builtin Object Token	
-AddTrust Public CA Root AddTrust Oualified CA Root	Builtin Object Token Builtin Object Token	~
Vjew Edit Import	Export Delete	
		ОК

Select File cont	taining CA cert	ificate(s) to impor	t 🛛 🛛 🔀
Look jn:	🞯 Desktop		💽 🎯 🎓 📂 🎫 •
My Recent Documents	My Document: My Computer My Network P AntiVir PE Cla:	s laces ssic er	www.wtoinstallcertificate-help www.application latter asd1.evt ad.evt www.deepa
Desktop	Flock gajshield GajShield VPN 2 L2TP	Client	E-mail GajShield.pem GajShield_old.pem googletalk-setup
My Documents	Mozilla Firefox	: 3 Beta 2	SGoToMeeting gujarath dei Mowtoinstallcertificate-help Maxthon2
My Computer	Cicense File		Merrut Atten Format 29th April '09(1) Merrut Atten Format 29th April '09(1)(2 MONTHLY_EXPENCE
My Network Places	File <u>n</u> ame: Files of <u>type</u> :	GajShield All Files	✓ <u>D</u> pen ✓ Cancel

Downloading Certificate	×
You have been asked to trust a new Certificate Authority (CA).	
Do you want to trust "gajshieldca" for the following purposes?	
Trust this CA to identify web sites.	
Trust this CA to identify email users.	
Trust this CA to identify software developers.	a number of the second
Before trusting this CA for any purpose, you should examine its certificate and its policy and procedures (if available).	
OK Cancel	)

Certificate Manager		
Your Certificates People Servers Authorities	Others	
You have certificates on file that identify these	e certificate authorities:	
Certificate Name	Security Device	E.
Equifax Secure Global eBusiness CA-1	Builtin Object Token	~
Equifax Secure eBusiness CA-1	Builtin Object Token	
🖬 GajShield		
	Software Security Device	
gajshield.gajshield.com		
🖃 GeoTrust Inc.		
-GeoTrust Global CA	Builtin Object Token	
GeoTrust Global CA 2	Builtin Object Token	
-GeoTrust Universal CA	Builtin Object Token	550
GenTrust Universal CA 2	Builtin Ohiert Token	<u>×</u>
View Edit Import	Export	
		UK

 $\lambda$  Once this step is done, you have installed the CA into your browser and now the browser would accept firewall certificates.

## How To Install Certificate In Opera

 $\lambda$  Click download and install certificate option and you would download the certificate.



 $\lambda$  Visit preferences under Tools and select the Advanced tab.

ferences		
General Wand	Search Web Pages Advanced	
Tabs Browsing Notifications	Set Master Password	
Content	Ask for password      Every time needed	
Downloads Programs	Use master password to protect saved passwords	
History Cookies	Enable Fraud Protection	
Security Network		
	Manage Certificates	
Toolbars Shortcuts		
Voice	Security Protocols	
	OK Cancel	Help
	Calical	Tieth

 $\lambda$   $\;$  Select the Security option and click on the Manage certificates.

Ce	tificate I	Manager						
	Personal	Authorities	Intermediate	Approved	Rejected			
	▲Client Ce	ertificate		Issuer				View
								Delete
							(	Import
								Export
L								
L								
	Client certi	ficates identify	you during trans	actions with se	ecure Web siti	es		
						ок	Cancel	Help

 $\lambda$  Go to the Authorities tab and click on the Import and select the certificate file just downloaded and then click on Install.

ificate I	Manager						
ersonal	Authorities	Intermediate	Approved	Rejecte	d		
•Certifica	te Authority					1	View
AddTrust I	External CA Ro	ot					
OMODO	Certification Au	uthority					Delete
)igiCert H	igh Assurance B	EV Root CA					
Intrust Gl	obal Secure Ser	ver Certification	Authority				Import
Entrust Ro	oot Certification	Authority					
Entrust Se	cure Server Ce	rtification Autho	rity				Export
Equifax Se	ecure Certificate	e Authority					
GeoTrust I	Primary Certific	ation Authority					
SlobalSign							
SlobalSign	Root CA						
STE Cyber	rTrust Global Ro	oot					
Thawte Pr	emium Server (	EA .					
hawte Pri	imary Root CA						
Thawte Se	erver CA						
alicert Cl	ass 2 CA						
/erisign Cl	lass 3 Public Prir	mary Certification	n Authority				
/eriSign C	lass 3 Public Pri	mary Certificatio	n Authority - י	G5			
ertificate	Authorities cer	tify the identity (	of Web sites				
					or/	Current .	
					OK	Cancel	Help

Import Certifica	ate			? 🔀
Look jn:	🞯 Desktop		S 🕸 📂 🛄-	
My Recent Documents Desktop My Documents	My Documents My Computer My Network Pl AntiVir PE Clas Avant Browse Flock GajShield GajShield VPN CL2TP L2TPBIO Mozilla Firefox Opera Safari	s laces ssic r Client < 3 Beta 2	New Folder (2) New Folder (2)	
My Computer	New Folder		gujarath dei	Dpen
My Network	Files of type:	All files		Cancel

stall Certificate			
<localhost> Certificate authoritie only install certificat</localhost>	es certify the iden e authorities from	tity of Web sites. sites you trust.	You should
gajshieldca			View
	Install	Cancel	Help

Install Certificate			
Are you sure you	want to trust this	s issuer?	
	ОК	Cancel	Help

	Authonties	Intermediate	Approved	Rejected		
▲Certifica	te Authority					View
AddTrust I	External CA Ro Certification Au	ot Ithority			C	Delete
DigiCert H Entrust Gli Entrust Pr	igh Assurance t obal Secure Ser oot Certification	: V Root CA ver Certification Authority	Authority		5	Import
Entrust Se	cure Server Ce	rtification Author	rity			Export
Equifax Se	cure Certificati	e Authority				
gajshieldc	а					
GeoTrust I	Primary Certific	ation Authority				
GlobalSign						
GlobalSign	Root CA					
GTE Cyber	rTrust Global Ro	oot				
Thawte Pr	emium Server (	_A				
thawte Pri	mary Root CA					
Valicert Cl						
Verisian Cl	ass 3 Public Pri	mary Certification	a Authority			
VeriSign C	lass 3 Public Pri	mary Certification	n Authority - 0	5		
- Certificate	Authorities cer	tify the identity o	of Web sites			

 $\lambda$  Once this step is done, you have installed the CA into your browser and now the browser would accept firewall certificates.

### How To Install Certificate In Safari

 $\lambda$  Click download and install certificate option and you would download the certificate.



 $\lambda$  Visit preferences (under Tools ->)



 $\lambda$   $\;$  In preferences visit the Advanced option and Click on Change Settings.

Advanced	2			×	
General Appearance Boo	kmarks Tabs	RSS Auto	Fill Security	Advanced	
Universal Access:	Never use font Press Tab to hi	sizes smaller ghlight each i	than 9	page	
Style sheet:	None Selected			•	
Proxies: Change Settings					
				?	

 $\lambda$  Click on Content and Certificates.

	Security	Privacy	Content	Connections	Programs	Advanced
Parent	al Controls	-				
2	Contro be view	l the Inte wed.	rnet conter	nt that can	🚱 Parental	Controls
Conter	t Advisor					
Q	Rating	s help you I on this c	i control th omputer.	e Internet con	tent that car	n be
			En	able	🚱 Setti	ings
Certific	ates		9	10.5		
	Clear SSL	state	Certi	ficates	Publish	ers
AutoCo	mplete —					
AutoCo	AutoCo on web	omplete si opages an u.	tores previ Id <mark>sug</mark> gests	ous entries amatches	Settin	gs
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 $\lambda$  Select Trusted Root Certification Authorities & Click on import and select the certificate file just downloaded.

			1	
ntermediate Certification Au	uthorities Trusted Root C	e <mark>r</mark> tification Aut	horities Trusted Pub	1
Issued To	Issued By	Expiratio	Friendly Name	*
Class 3 Public Prima Class 3 Public Prima Copyright (c) 1997 Equifax Secure Cer gajshieldca	Class 3 Public Primary Class 3 Public Primary Copyright (c) 1997 Mi Equifax Secure Certifi gajshieldca	8/2/2028 1/8/2004 12/31/1999 8/22/2018 6/9/2015	VeriSign Class 3 VeriSign Microsoft Timest GeoTrust <none></none>	
Microsoft Root Aut	Microsoft Root Authority Microsoft Root Certifi	8/14/2018 1/1/2000 12/31/2020 5/10/2021	Microsoft Root A Microsoft Root A Microsoft Root C	Ŧ
Import Certificate Imported purpose	Remove		Advar	nced
			View	





Certificate Store		
Certificate stores are system areas where	certificates are kep	t.
Windows can automatically select a certific the certificate.	ate store, or <mark>y</mark> ou ca	in specify a location for
Automatically select the certificate s	tore based on the t	ype of certificate
Place all certificates in the following	store	
Certificate store:		
Trusted Root Certification Authori	ties	Browse
earn more about <u>certificate stores</u>		

Certificate Import Wizard		X
	Completing the Cer Wizard The certificate will be imported You have specified the followin Certificate Store Selected by Content File Name	after you click Finish. ng settings: User Trusted Root Certifica Certificate C:\Users\Sunny\Desk
	< III < Back	Finish Cancel
Certificate Import Wizard	vas successful.	
	ОК	

 $\lambda$  Once this step is done, you have installed the CA into your browser and now the browser would accept firewall certificates.