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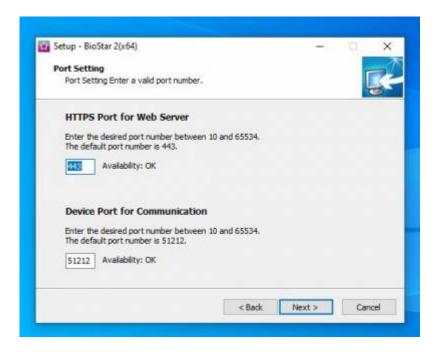
System Configuration, BioStar 2, HTTPS, "HTTP"

How to configure HTTP or HTTPS protocol

Starting Biostar 2.5, the default protocol that BioStar 2 web server uses is HTTPS to ensure better security in the communication between the server and client.

You can still change to HTTP, but no information will be encrypted in that communication protocol. Below is the port configuration for HTTPS you will see on installation.

Use a different port than 443 if it is being used.



Do not be alarmed when the connection to your BioStar 2 client shows as not secure. This is because the server's certificate has to be installed on the client PC first. Follow the guideline below to resolve the error message.

x https://192.168.14.14/444
Your connection is not private
Attackers might be trying to steal your information from 192.168.14.14 (for example, passwords, messages, or credit cards). <u>Learn more</u> NET:ERR_CERT_AUTHORITY_INVALID
Automatically send some system information and page content to Google to help detect dangerous apps and sites. <u>Privacy policy</u>
ADVANCED BACK TO SAFETY

If you are going to use the HTTPS protocol, you must apply the certificate (steps 8 and

following). If the certificate is not applied, you will experience slowness and other erratic behavior on the web client such as no response to clicks.

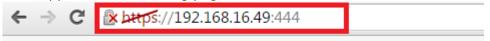
Configuration for HTTPS

1. Open **BioStar Setting**.

If the default HTTPS port (443) is used by another service, change it to another value.

😰 BioStar Sett	ting		×
Service Sta	tus		
B52	The BioStar 2 service has been started.	Running	Stop
	Port 443 in use by "Skype.exe".	Error	Start
-Web Serve	r Configuration		
≫	HTTPS Port 443		

2. Open BioStar 2's web browser with https:<*server IP*>:<*port number*> on Chrome. It will appear with a warning page as below:



1	
	×

Attackers might be trying to steal your inf passwords, messages, or credit cards). NET			for example,
Automatically report details of possible sec	urity incidents to Go	oogle. <u>Privacy po</u>	licy
Hide advanced			Back to safety
This server could not prove that it is 192 your computer's operating system. This m attacker intercepting your connection.		-	-
Proceed to 192.168.16.49 (unsafe)			

- 3. Click Proceed to XXX.XXX.XX.XX (unsafe).
- 4. Log in with a BioStar 2 administrator account.

BioStar 2				
	admin			
		Login		

5. Go to **Setting** > **HTTPS**.

4/5

BioStar 2 🛞 Setting 🕧 About 🕐 Help							
DASH BOARD Setting							
A USER		Q	2	F		[↓]	
		ACCOUNT	PREFERENCE	CARD	CARD FORMAT	SERVER	
		\bigcirc	(IIII)	Ć		\bigcirc	
		TRIGGER & ACTION	SCHEDULE	ALERT	HTTPS	CLOUD	
MONITORING				named cort rog			

6. Click Cert.Download button to obtain a file named cert-register.zip.

✓ HTTPS					
Infomation					
In order to use https protocol for BioStar, the certification must be installed. Please download and run certification installation executable before accessing BioStar with https protocol.					
	Cert. Download				
7. Unzip the cert-register.zip and run cert-register.exe file.					
Name	Date modified	Туре	Size		
📔 certmgr	12/29/2015 8:10 AM	File folder			

Application

2,211 KB

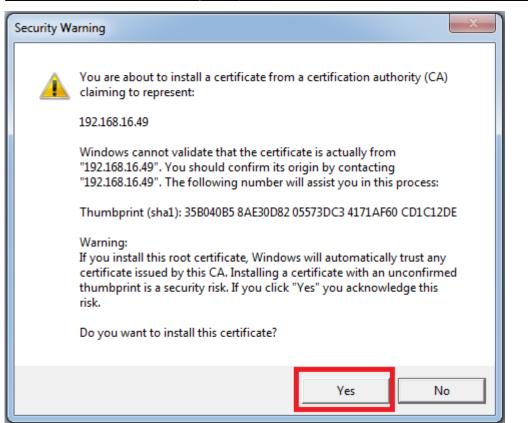
8. On the **Enrollment Certification** window, enter the IP address of BioStar 2 server along with the HTTPS port you assigned on step 4 and then click **Enrollment** button.

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Enrollment Certification						
Server Address : 192.168.16.49:444						
Enrollment Cancel						

9. Read the **Security Warning** message and click **Yes**.

😭 cert-register.exe



10. Once the tool has successfully installed the certificate, you will see the following window to complete the process. Please click **OK** to confirm it.



11. To verify the installation, restart the web browser and try to open the BioStar 2 web page. Make sure error message you encountered on step 2 is no longer presented.

To change the protocol from HTTP to HTTPS, refer to the article below: How to change from HTTP to HTTPS

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