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How to use server matching

In BioStar 2, over 10 devices are supported having various specifications. In certain situations, the total user count could go beyond the maximum template limit of the device, or storing the fingerprint templates inside the device might bring up security issues. To overcome these difficulties, you can use Server Matching which is the method comparing the scanned fingerprint from the device to the fingerprint template stored inside the server database.

To use Server Matching, the BioStar 2 AC Standard License has to be activated.

[How to Activate Biostar 2 License](#)

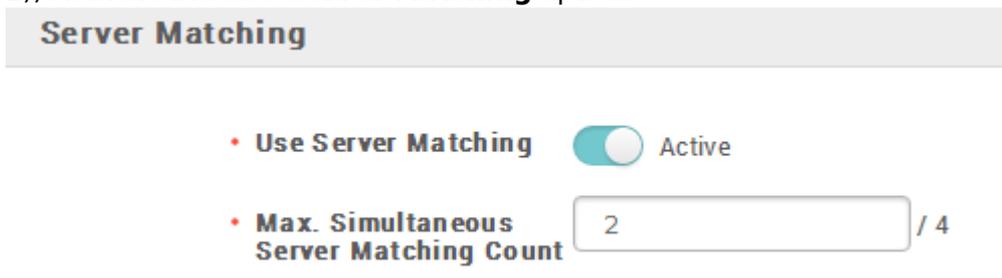
First, you will have to activate server matching from the server, and also from the device that will be used.

Activating Server Matching from the server

1) Go to **Setting** → **Server** → **Server Matching**.



2) Activate the **Use Server Matching** option.



3) Click the **Apply** button.

Activating Server Matching from the device

1) Go to **Device** → **Click the device to use** → **Authentication**.

Authentication

• **Auth Mode**

	Always
 +  	Always
 +  	Always

• **Full Access** Disable

• **Au**

• **Server Matching** Inactive

2) Activate the **Server Matching** option.

Authentication

• **Auth Mode**

	Always
 +  	Always
 +  	Always

• **Full Access** Disable

• **Server Matching** Active

Now, you will be able to match the fingerprints without having user information inside the device. If you have been using the BioStar 2 with the Automatic User Synchronization, it will be better to disable it since if this feature is on, the users newly enrolled will automatically transferred to the device.

User/Device Management

• **Automatic User Synchronization**

How to delete users inside the device

1) Go to **Device** → **Select the check box of the device you need to delete user information** → **Manage Users in Device**.

The screenshot shows the 'All Devices' management interface. At the top, there are three buttons: 'Reconnect', 'Sync Device', and 'Manage Users in Device'. Below these is a table with columns for 'Device ID', 'Name', and 'Group'. The table lists several devices, with the third device, 'BioStation A2 541531041', selected with a checked checkbox.

	Device ID	Name	Group
<input type="checkbox"/>	539308121	BioEntryPlus 539308121 (1...	All Devices
<input type="checkbox"/>	541530988	BioStation A2 541530988 (...	All Devices
<input checked="" type="checkbox"/>	541531041	BioStation A2 541531041 (...	All Devices
<input type="checkbox"/>	541531061	BioStation A2 541531061 (...	All Devices
<input type="checkbox"/>	542501008	BioStation L2 542501008 (...	All Devices
<input type="checkbox"/>	544108056	BioEntry W2 544108056 (1...	All Devices

2) Delete the users by selecting them and clicking the **Delete** button.

The screenshot shows the 'Manage Users in Device' dialog box for the selected device 'BioStation 2 546832586 (192.168.16.233)'. The dialog has a title bar with a close button. Below the title, there are radio buttons for 'All Users' (selected) and 'Different Users', along with 'Upload' and 'Delete' buttons. A table lists the users on the device.

	User ID	Template Num.	1:1 Security Le...	Status
<input type="checkbox"/>	7	0	Device Default	Same
<input type="checkbox"/>	6	0	Device Default	Same
<input type="checkbox"/>	5	0	Device Default	Same
<input type="checkbox"/>	4	0	Device Default	Same
<input type="checkbox"/>	3	0	Device Default	Same
<input type="checkbox"/>	2	1	Device Default	Same
<input type="checkbox"/>	1	0	Device Default	Same

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