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BioStar 2 Revision Notes

Precautions when upgrading BioStar 2

- Installation files for 32-bit operating systems are not provided from BioStar 2.9.2.
- Do not install BioStar 2 on a PC where BioStar 1 is installed. This may cause performance problems.
- If BioStar 2.3.0 is installed on top of a BioStar 2.2.1 or 2.2.2 installation, all information stored in the SQLite database is migrated to a new MariaDB database.
- Upgrading directly from the existing version to the latest version is possible from BioStar 2.6.0 or higher. If the installed version is lower than 2.6.0, installing all versions in a correct sequence until reaching version v2.6.0 is essential.

Current Version	Upgrade Path
2	2.2.1 > 2.3 > 2.4 > 2.4.1 > 2.5.0 > 2.6.4 > Latest Version
2.2 2.2.1 2.2.2	2.3 > 2.4 > 2.4.1 > 2.5.0 > 2.6.4 > Latest Version
2.3	2.4 > 2.4.1 > 2.5.0 > 2.6.4 > Latest Version
2.4	2.4.1 > 2.5.0 > 2.6.4 > Latest Version
2.5 2.6	2.6.4 > Latest Version
2.6.4 or higher	Latest Version

- If you are using Windows 8.1, install the KB2919355 update by referring to the following web page.
<https://support.microsoft.com/en-us/help/2919355/windows-rt-8-1--windows-8-1--and-windows-server-2012-r2-update-april-2>
- If you are using MS SQL 2012 Express, install the Service Pack 3 by referring to the following web page.
<https://www.microsoft.com/en-us/download/details.aspx?id=49996>
- If you are using MS SQL 2014 Express, install the Service Pack 2 by referring to the following web page.
<https://www.microsoft.com/en-us/download/details.aspx?id=53168>
- Starting from **BioStar 2.9.9**, MS SQL Server 2022 is supported, and you can connect using either the [Microsoft OLE DB Driver for SQL Server](#) or [Native Client](#).
- If the OLE DB driver is installed, BioStar 2 will use OLE DB as the default connection method. If only the Native Client is installed, the system will connect using Native Client.
- Since Native Client is no longer included with SQL Server 2022 and has limitations in terms of compatibility and features, **it is recommended to use the OLE DB driver for connecting to**

newer versions of SQL Server.

- If MS SQL Server and BioStar 2 are installed on different PCs, the PC running BioStar 2 must have either the [Microsoft OLE DB Driver for SQL Server](#) or [Native Client](#) installed.
- When using the **TA** menu, the [Microsoft ODBC Driver 17 for SQL Server](#) is also required. Please verify your environment and install it accordingly.
- If you are using MS SQL Server, set the Collation option of the server and each table to CI (Case-insensitive).
- When backing up a database from an older version of BioStar 2, disable all services and procedures. Furthermore, if you do not back up and restore the AC database and the TA database together, you will not be able to use the TA database.
- If you want to back up the database of BioStar 2, be sure to also back up the enckey in the \Program Files\BioStar 2 (x64)\util folder and the system.conf and setting.conf file in the \Program Files\BioStar 2(x64) folder. Otherwise, the database will be unavailable.
- The default values for the ports used by BioStar 2 are as follows. If another program occupies the same port, BioStar 2 may not work properly.

Port			
• HTTP Port	80		Available
• Web-socket Port	9002		Available
• Database Port	3312		Available
• T&A HTTPS Port	3002		Available
• AC Cloud Port	52000		Available
• Unified Gateway HTTP Port	5000		Available
• HTTPS Port	443		Available
• API Port	9010		Available
• T&A HTTP Port	3000		Available
• T&A Cloud Port	52001		Available
• FastCGI Port	9000		Available
• Unified Gateway HTTPS Port	5002		Available

Notice

[Notice on improved Administrator Guide](#)

Notice on improved Administrator Guide

Starting with BioStar v2.9.5, **Feature Guide** is provided separately by topic on how to use new or improved features.

[Notice on FaceStation F2 v1.x.x Firmware Support Discontinuation](#)

Notice on FaceStation F2 v1.x.x Firmware Support Discontinuation

Starting with BioStar 2 v2.9.7, we have enhanced synchronization performance by modifying the process to transmit templates exclusively when synchronizing a user's visual face to the device.

Given the differences in visual face algorithms, FaceStation F2 v1.x.x won't sync well with the new BioStar 2. Therefore, we've decided to end support for FaceStation F2 v1.x.x from BioStar 2 v2.9.7 onward.

If you are currently using FaceStation F2 v1.x.x firmware, kindly upgrade your FaceStation F2 to the latest firmware to utilize BioStar 2 v2.9.7. (<https://download.supremainc.com>)

Troubleshooting Dropdown List Selection Issues in Specific Options (v2.9.7 or earlier)

Troubleshooting Dropdown List Selection Issues in Specific Options (v2.9.7 or earlier)

When the Keyboard focusable scrollers feature in Chrome is enabled, users may encounter difficulties selecting options from drop-down lists that are long enough to require scrolling. The keyboard focus may behave unexpectedly, preventing users from properly selecting the desired option.

Solutions

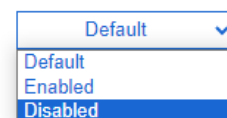
Disable Keyboard focusable scrollers in Chrome Settings

1. Enter `chrome://flags/` in the address bar and press Enter.
2. Search for **Keyboard focusable scrollers**.
3. From the dropdown menu, select **Disabled**.
4. **Relaunch** Chrome to apply the changes.

Enables keyboard focusable scrollers

Scrollers are click-focusable and programmatically-focusable by default. Scrollers without focusable children are keyboard-focusable by default. – Mac, Windows, Linux, ChromeOS, Android, Lacros

[#keyboard-focusable-scrollers](#)



Your changes will take effect the next time you relaunch Chrome.

Relaunch

Revision Notes

- [Version 2.9.8 \(V2.9.8.30\)](#)

- 2024-12-06
- [Version 2.9.7 \(V2.9.7.41\)](#)
- 2024-08-30
- [Version 2.9.6 \(V2.9.6.40\)](#)
- 2024-06-12
- [Version 2.9.5 \(V2.9.5.29\)](#)
- 2024-03-18
- [Version 2.9.4 \(V2.9.4.29\)](#)
- 2023-09-20
- [Version 2.9.3 \(V2.9.3.26\)](#)
- 2023-06-26
- [Version 2.9.2 \(V2.9.2.4\)](#)
- 2023-02-24
- [Version 2.9.1 \(V2.9.1.25\)](#)
- 2023-02-08
- [Version 2.9.0 \(V2.9.0.80\)](#)
- 2022-09-26
- [Version 2.8.17 \(V2.8.17.62\)](#)
- 2022-08-25
- [Version 2.8.16 \(V2.8.16.56\)](#)
- 2022-04-13
- [Version 2.8.15 \(V2.8.15.12\)](#)
- 2022-02-16
- [Version 2.8.14 \(V2.8.14.74\)](#)
- 2021-12-15
- [Version 2.8.13 \(V2.8.13.22\)](#)
- 2021-10-28
- [Version 2.8.12 \(V2.8.12.10\)](#)
- 2021-08-02
- [Version 2.8.11 \(V2.8.11.60\)](#)
- 2021-07-16
- [Version 2.8.10 \(V2.8.10.37\)](#)
- 2021-04-08
- [Version 2.8.9 \(V2.8.9.53\)](#)
- 2020-12-29
- [Version 2.8.8 \(V2.8.8.10\)](#)
- 2020-10-29
- [Version 2.8.6 \(V2.8.6.38\)](#)
- 2020-09-21
- [Version 2.8.5 \(V2.8.5.46\)](#)
- 2020-08-25
- [Version 2.8.4 \(V2.8.4.34\)](#)
- 2020-18-05
- [Version 2.8.3 \(V2.8.3.10\)](#)
- 2020-07-21
- [Version 2.8.2 \(V2.8.2.3\)](#)
- 2020-07-10
- [Version 2.8.1 \(V2.8.1.35\)](#)
- 2020-06-10
- [Version 2.8.0 \(V2.8.0.106\)](#)
- 2020-05-15

- [Version 2.7.14 \(V2.7.14.52\)](#)
2020-04-03
- [Version 2.7.12 \(V2.7.12.39\)](#)
2020-01-15
- [Version 2.7.11 \(V2.7.11.65\)](#)
2019-12-04
- [Version 2.7.10 \(V2.7.10.21\)](#)
2019-09-19
- [Version 2.7.8 \(V2.7.8.42\)](#)
2019-07-17
- [Version 2.7.7 \(V2.7.7.38\)](#)
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- [Version 2.7.6 \(V2.7.6.16\)](#)
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- [Version 2.7.5 \(V2.7.5.7\)](#)
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- [Version 2.7.3 \(V2.7.3.23\)](#)
2019-02-25
- [Version 2.7.2 \(V2.7.2.19\)](#)
2019-01-15
- [Version 2.7.1 \(V2.7.1.13\)](#)
2018-12-20
- [Version 2.7.0 \(V2.7.0.50\)](#)
2018-11-21

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