

EVIDEN

OneBSM v1.0.2

Release Notes

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Preface

This guide lists information particular to OneBSM v1.0.2 release.

It provides information about restrictions, known problems, and the associated workarounds.

Note The Bull support web site for the most up-to-date product information, documentation, firmware updates, software fixes and service offers:
<http://support.bull.com>

Intended Readers

This guide is intended for use by system administrators and operators

Chapter 1. Validated Environment

1.1. Supported Platforms

BullSequana SA

<u>BullSequana SA Model</u>	<u>Motherboard</u>	<u>BMC Version</u>	<u>BIOS Version</u>
<u>SA21a</u>	<u>MZ93-FS0-000</u>	<u>13.06.08/13.06.13</u>	<u>F21 / F29</u>
<u>SA21Ga</u>	<u>MZF3-GP0-000</u>	<u>13.06.08/13.06.09</u>	<u>F17a / F20</u>
<u>SA11a</u>	<u>MZ33-DC0-000</u>	<u>13.06.08/13.06.13</u>	<u>F23 / F34</u>
<u>SA20 – SA20G</u>	<u>MZ92-FS0-00</u>	<u>12.61.21 / 12.61.23</u>	<u>R30 / R36</u>
<u>SA10</u>	<u>MZ32-AR0-OB1</u>	<u>12.61.21 / 12.61.23</u>	<u>R36 / R39</u>
<u>SA10EL</u>	<u>MZ32-AR0-00</u>	<u>12.61.21 / 12.61.23</u>	<u>R30 / R36</u>

BullSequana SH:

<u>Configuration</u>	<u>TS version</u>
2 to 8-socket configurations SH20/SH40/SH80	Tested with TS 76.02

BullSequana EX:

<u>Configuration</u>	<u>BMC Version</u>	<u>BIOS Version</u>	<u>FPGA version</u>
BullSequana EXR	159.00.1433/ 182.00.1670	BIOS_SAR160.78.04.012/ BIOS_ESR160.37.02.003	1.E.0.0

1.2. Operating Systems for OneBSM installation:

Tested to be working on the following operating systems
Windows 10
Windows 11
Windows Server 2019
Windows Server 2022
Linux Ubuntu 22.04
Linux Red Hat 9

Note: It is highly recommended to install OneBSM on a dedicated environment.

Chapter 2. Installation Instructions

Installing OneBSM

Note: Package net-tools might be required prior to the installation of OneBSM on some versions of Linux.

- **Linux Debian OS**

To install:

```
sudo dpkg -i filename.extension
```

To uninstall:

```
sudo dpkg --purge onebsm
```

- **Linux RHEL based OS**

To install:

```
sudo rpm -i package_name.rpm
```

To uninstall:

```
sudo rpm -e onebsm
```

- **Windows OS**

Note 1: Microsoft C++ Redistributable, in the correct architecture (usually x64) is required (tested to be working with 2015 – 2022 v 14.42.34433).

Note 2: OneBSM cannot coexist with an active web server (IIS or similar).

To install:

1. Launch the OneBSM installer.
2. Choose the installation folder.
3. Click finish to end the installation process.

To Uninstall:

Use the standard uninstall procedure through control panel.

This will install OneBSM on and launch the related services.

Chapter 3. Fixed Issues

1. Alerts donut-chart on the dashboard only covers BullSequana SA servers.

Description: When on the dashboard, “Alerts”, which is the middle graphical donut-chart, only works for BullSequana SA at this stage, and therefore doesn’t display alerts from BullSequana SH and EXR.

Details: Alerts, including their visibility through the donut chart now fixed for supported servers except for BullSequana SAx0 and SHx1.

2. Forwarding alerts currently not functional (BRO-78).

Description: Forwarding alerts though SMTP (Email alerts) or SNMP (to a centralized SNMP server external to OneBSM) are currently disabled.

Details: Forwarding alerts by email now functional, excluding BullSequana SA and SHx1 (see point Ref. 1), validated for Exchange server only. SNMP forwarding support is no longer planned at this stage.

3. Issues while using “localhost”

Description: It is not be possible to login to OneBSM when using <https://localhost> in the address bar of the browser. A “Connection Lost” error will be displayed.

Details: Fixed. <https://localhost> can now be used instead of the local IP address of the OneBSM server.

4. A permission error is shown when a non admin tries to activate 2FA; and the activation fails.

Description: Though it should be possible for a user to activate 2FA on his/her user account, it fails for lack of permissions

Details: Fixed. Non-Admin users can now enable and disable their own 2FA

Chapter 4. Known Issues

1. LDAP integration is not functional (BRO-26).

Description: Integrating with an LDAP solution, including Active Directory, to allow logging in to OneBSM with LDAP based credentials, is not currently possible.

Workaround: Functionality will be available in future versions.

2. Multiple “admin” login attempts visible on the events log (BRO-27).

Description: In the events log of the device, there might be multiple login and logout for user “admin” periodically. This is due to OneBSM authenticating with the device’s BMC to be able to collect and refresh the displayed information.

Workaround: Pending a fix in future versions.

3. Unable to recover lost password (BRO-29).

Description: There is no “Forgot password” feature currently implemented.

Workaround: Until the feature is introduced in later versions, please keep the admin username and password safe, to avoid losing access to the tool and losing all existing information in the database.

4. Update failed message when the update succeeds (BRO-111).

Description: An update failed message might be displayed when in fact the firmware update succeeds. This is currently only identified when updating a group of BullSequana SA servers.

Workaround: Please disregard the failed message and check to verify, after giving the necessary time for the firmware update to be implemented, that the update succeeded.

5. Unable to access OneBSM after losing the authenticator app configuration, with 2FA enabled (BRO-31).

Description: There is currently no way to disable 2FA if the authenticator app configuration is lost.

Workaround: Until a fix is proposed in later versions, please enable 2FA only when necessary, and in this case, please make sure not to delete the authenticator app or its configuration related to OneBSM.

Note: Some authenticator apps provide backup functionality, which will help to recover the configuration or transfer it to a new device.

6. When a backup or restore of OneBSM is launched, user should stay on the page until the file is ready for download or until restore is completed (BRO-112).

Description: When a database backup or restore is launched through the database menu, the GUI will not block access, therefore allowing access to other menus. Please refrain from leaving the page until the file is ready for download / the restore is done. Depending on the data size, this could take several minutes.

Workaround: Pending a fix in future version

7. Carbon emission metrics graph often looks linear (BRO-113).

Description: Due to the fact of using kgEqCO2 instead of gEqCO2, the graph often looks linear.

Workaround: Pending a fix in future version

8. Power Status, Health status, and component status don't always reflect the current state (BRO-81, BRO-114)

Description: Due to those features being updated based on the selected interval in OneBSM settings, they do not reflect the immediate state and might be different between 2 different menus (ex: health status on the device list and on the product information page).

Workaround: Improvements expected in future version, noting that it is normal for the collection of information not to be in real time, to avoid sending excessive requests to the BMC.

9. When Samsung memory is used on a BullSequana SH server, the DIMMs do not appear in the inventory. (BRO-96)

Description: When a BullSequana SH is configured with Samsung DIMMs, the BMC reports the capacity as 0, and OneBSM therefore doesn't list the DIMMs in the inventory

Workaround: A fix will be provided in the future.

10. OneBSM mentions the need to restart the BMC in scenarios where it is not really the case (BRO-98)

Description: OneBSM will display a message that it will be restarting the BMC when it is not really the case. It is applicable on some FW updates (such as BIOS update, that requires no BMC restart) or upon BMC hostname change.

Workaround: A fix will be provided in future versions.

11. Servers of different models, but from the same family can be grouped together (BRO-110).

Description: OneBSM currently allows adding servers of different models, from within the same family, to the same group. While this can be practical to launch operations that work well across those servers, for other ones, like firmware update, this would not make sense as those servers would require different firmware files

Workaround: When doing a firmware update to a group, please make sure that all the servers in the group are of a similar model, and therefore would support the same firmware file.

12. While configuring NTP server, secondary NTP cannot be empty (BRO-95)

Description: While configuring an NTP server in the Product Information\Networking section, both NTP fields need to be populated, when in practice one NTP server should work.

Workaround: Please make sure the secondary NTP field is not empty “undefined” can be used to populate this field if no secondary NTP is available.

A fix will be provided in a future version.

13. There is little information on the progress or status when a firmware update is running (BRO-109)

Description: When a firmware update is running, there is very few indications of its status, and might lead to confusion on whether the update is successfully applied.

Workaround: Please make sure to wait and manually confirm the success of the update after a while. This will be enhanced in future versions.

14. Clearing the event log of a monitored BullSequana SH server breaks the alert functionality of that server (BRO-106)

Description: When attempting to clear the event log of a server from OneBSM, or from the BMC's interface, it breaks the notification and alerts functionality of that server.

Workaround: After a clear event, where notification no longer works, please reboot the related BMC to fix this. A permanent fix will come in future BMC FW versions.

15. In a multimodule BullSequana SH server configuration, alerts are not functional on secondary modules (BRO-105)

Description: In a multimodule server configuration of BullSequana SH, alerts and events are currently not functional. Only the primary module will show and forward its alerts.

Workaround: Fix implemented and will be provided in a future BMC FW release.

16. Alerts and notifications are not yet functional on BullSequana SHx1.

Description: Alerts and notifications functionality is not yet supported on the latest BullSequana SHx1 servers.

Workaround: Fix will be provided in a future BMC FW release.

17. Power Consumption is shown as 0 on BullSequana SHx1 servers (BRO-104)

Description: When trying to access the metrics for power consumption on BullSequana SHx1, the correct information is missing, and the value shown instead is 0.

Workaround: Fix will be provided in a future BMC FW release.

18. The per-module PCIe inventory in a multimodule SH system is not accurate (BRO-100)

Description: in an SH multimodule system, the PCIe inventory reflects correct components installed globally on the multimodule server, however not in the correct per-module distribution.

Workaround: A fix will be provided in a future OneBSM release.

19. It is not possible to clear secondary module's event log (BRO-99)

Description: in an SH multimodule system, clearing the event logs of a secondary module does not work. Though it provides a message that it was successful, the event log remains.

Workaround: A fix will be provided in the future.

20. Hostname change not visually reflected automatically (BRO-98)

Description: The hostname change is not refreshed on the device list page until a rescan of that server is done.

Workaround: A fix will be provided in a future release.

21. Manipulating the Indicator led on a group is not functional on BullSequana SH (BRO-97)

Description: Turning the indicator led on or off on a BullSequana SH group is not functional.

Workaround: A fix will be provided in a future release.

22. Some alerts might be missing from OneBSM when monitoring BullSequana EXR servers. (BRO-94, BRO-93)

Description: When monitoring EXR servers and receiving multiple alerts at once, in a very short time, few alerts are not correctly received.

Workaround: This issue is under analysis to provide a fix.

23. Notification not functional on BullSequana SAx0 (BRO-65)

Description: Alerts and notification are not functional on SAx0 servers. This is a known issue and is under analysis to come up with a potential fix on the BMC FW side.

Workaround: Under analysis to provide a fix in future BMC FW versions.

24. On windows, updating OneBSM might take some time to finish and conflict with the “Auto Logout System Every” setting

Description: Updating OneBSM installed on a Windows OS takes more time, and might conflict with the default “Auto Logout System Every” which is set to 5 minutes, and therefore log out before the process ends.

Workaround: Until a fix is provided in future versions, it is suggested to increase the “Auto-Logout System Every” value, before performing an update to a OneBSM installation under Windows.

Other Notes:

- 25.** In a multimodule system, and when only the primary module is connected to the network, the network information of secondary modules is missing. This is a normal behaviour. (BRO-107)
- 26.** Powering off any module in a multimodule system will shut down the whole server. Powering down an individual module from OneBSM is not possible. Power button on the product information page will be disabled for secondary modules in future OneBSM versions. (BRO-102)

