

Обновление микрокода сервера и его компонентов

Микрокод компонентов сервера обновляется только при перезагрузке операционной системы. Обновление необходимо запланировать заранее!

Для обновления микрокода необходимо воспользоваться автоматизированной утилитой создания загрузочного образа – «Lenovo XClarity Essentials Bootable Media Creator» (BOMC). Утилиту необходимо загрузить на сайте и подготовить с её помощью загрузочный образ под определенную модель сервера: <https://datacentersupport.lenovo.com/us/en/solutions/lvno-bomc>.

В случае возникновения ошибки или в случае, если обновление с использованием данной утилиты не принесло должного эффекта необходимо обратиться в службу поддержки.

Создание загрузочного образа с использованием утилиты "BOMC"

1. На первом шаге после приветствия необходимо выбрать модель сервера. В данном случае это Think System SR650 7x06.

Если вы не уверены в модели сервера – выберите несколько наиболее подходящих – во время обновления система сама точно определит подходящий набор обновлений конкретно для каждого сервера.

BoMC

Lenovo XClarity Essentials Bootable Media Creator v12.2.0 - 011

Lenovo

1. Welcome

2. Targeted Systems

3. Media Purpose

4. Acquire Location

5. Network Access

6. Target Directory

7. Media Format

8. Unattended Mode

9. Confirm Choices

10. Update Selection

11. Progress

12. Finish

Targeted Systems

Specify what systems this bootable media should support. Please notice that you can only select systems in the same category.

Storage Platforms

Product Family	Machine Type
<input type="checkbox"/> D1212/D1224	4587
<input type="checkbox"/> D3284	6413

Lenovo Platforms

+

-

<input type="checkbox"/> ThinkSystem SR650	7X05
<input checked="" type="checkbox"/> ThinkSystem SR650	7X06
<input type="checkbox"/> ThinkSystem SR530	7X07
<input type="checkbox"/> ThinkSystem SR530	7X08
<input type="checkbox"/> ThinkSystem ST550	7X09
<input type="checkbox"/> ThinkSystem ST550	7X10

IBM Platforms

+

-

Product Family	Machine Type
<input type="checkbox"/> BladeCenter HX5	1909
<input type="checkbox"/> BladeCenter HX5	1910
<input type="checkbox"/> BladeCenter HS22	1911
<input type="checkbox"/> IBM BladeCenter HS23	1929
<input type="checkbox"/> BladeCenter HS22	1936

Update List

Roll Back

1. Для обновления микрокода необходимо выбрать режим Update

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Media Purpose

Specify what you would like your bootable media to do. Based on what you select here, you will later be prompted for the appropriate information.

☒ **Update**

Will help you update the firmware on the machine types you choose. Note that this does not support IBM IntelliStation Pro, and it includes firmware updating only, and the drivers will need to be updated separately. The updating will be performed by LXCE UpdateXpress.

☐ **Enable Task AutoRun**

Allows a task to automatically begin when your bootable media is run on the target machine.

☐ **Full**

Will integrate all the functions in one image, including firmware update, VPD update, inventory and FFDC collection, advanced system configuration, diagnostics, RAID configuration, secure erase

☐ **Look in a local directory for the RAID configuration file (*.ini)** [viewSampleFile](#)

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Если нет никаких отдельных указаний сервисного центра и выполняется рутинное обновление – необходимо выбрать пункт **“UpdateXpress System Pack”**.

The screenshot shows the BoMC interface with a sidebar on the left containing 12 numbered steps. Step 4, 'Acquire Location', is highlighted in blue. The main content area is titled 'Acquire Location' and includes a sub-header: 'You can choose to acquire updates, tools and bootable image from Lenovo support web site or from local directory.' Below this, there are three radio button options:

- ☒ **Check the Lenovo support web site** - Downloads the appropriate updates automatically from the Lenovo support site.
- ☒ **UpdateXpress System Packs (UXSP's)** - UpdateXpress System Packs contain an integration-tested bundle of online, updateable firmware updates for each ThinkSystem / System X platform. This is the preferred method to obtain firmware for the server.
- ☐ **Latest available individual updates** - Check the Lenovo support web site for the latest individual version of each firmware package. This is the preferred method when you wish to install the latest updates or when Lenovo support instructs you to install the latest updates. This option may download newer updates and hotfixes, if available, than the UXSP option above.
- ☐ **Look in a local directory** - Specify a directory on the local file system containing specific individual files to include in the bootable media. The directory should have been populated with the required files either in a previous session of this tool, or manually. See [here](#) for specific requirements on manually obtaining required files.

Below the options is a text input field and a 'Browse' button. At the bottom right of the main area are 'Previous' and 'Next' buttons.

Необходимо указать папку, в которую будут загружены обновления и в которой будет создан загрузочный образ

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Target Directory

Indicate which directory on your computer you want to download the updates and other resource files to. The downloaded files are only needed during the media creation process. If you will not need these downloaded files later, then you can delete them after your media has been created, after this wizard is completed.

Directory:

C:\BOMC

Browse

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Для удалённого обновления через встроенный модуль управления сервером необходимо подготовить загрузочный ISO образ. В случае недоступности или невозможности использования данной утилитой необходимо выбрать режим USB.

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Media Format

Select the options for the type of media that you wish to create. For CD and DVD devices, the image file format will be ISO.

Device type:
CD/DVD ▾

☐ Write directly to device

☒ Write to image file

C:\BOMC\bootable.iso Browse

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После загрузки всех компонентов приложение автоматически создаст загрузочный образ или подготовит USB накопитель по вашему выбору.

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Creation Progress

Your bootable media is being created.

Acquiring updates: Invgy_fw_xcc_cdi376s-6.60_anyos_noarch
2,872 of 124,593KB (574KB/Sec)
Acquiring 1 of 4 package bundle(s)

Cancel

(type 7x06) - Updates - 30 update(s)

(type Lenovo Requisite Package) - Updates -

(type Tool) - Maintenance Mode OS(for Lenovo ThinkSystem and Lenovo System X) -

(type Tool) - UPDATE -

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From:
<https://micronode.ru/> - **micronode.ru**

Permanent link:
https://micronode.ru/enterprise/lenovo/guide/think_system_sr650/firmware_upgrade

Last update: **2022/11/21 08:31**

