

Installing LSI / Avago Megaraid Storage Manager

Please observe!

The intended usage of this document is all owners of LSI based RAID cards, rebranded or not, that may want an interface on their Windows machine.

For supported devices see the ReadMe.txt

ReadMe.txt has installation instructions, the text below is an alternative that may be simpler to follow and more pedagogical to read.

ReadMe.txt gives a list of supported devices, but that list is, in my experience, not complete, since I personally run this on a machine with a card (a rebranded Huawei SAS3108) that is not on that list.

This document is provided as-is and the usual text about no warranties and all that.

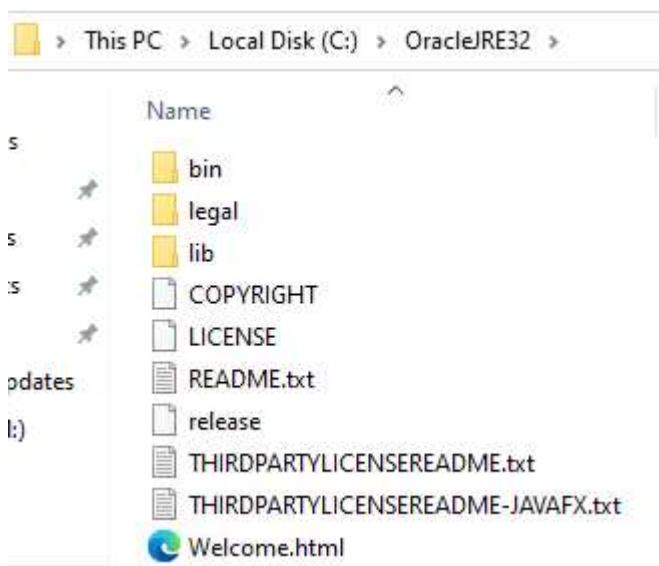
There are alternate solutions, there are alternate configurations of Java, you can have several Java versions on the same system, this text assumes you are not a Java developer or have programmatical knowledge that may lead you to implement other solutions. Feel free to do that, but do not claim the path described here is wrong or flawed in doing so.

Instructions

1. Megaraid Storage Manager and Java should not have been installed on the target system. Make sure you don't have anything that may conflict. I do not know how an upgrade of previous MSM version will work, it has not been tested.
2. Install Oracle Java i586 (32 bit version).
(My OS is x64, but I could not get the x64 version of Java to work.)



3. Choose a destination folder - during the Java installation - that will not have any spaces, in my case I chose C:\OracleJRE32



4. After the Java installation is done, set an environment variable to aforementioned folder, call it JAVA_HOME.
 - a. Environment variables are set in System Properties > Environment variables. See more info here: <https://answers.microsoft.com/en-us/windows/forum/all/change-system-variables-on-windows-11/f172c29e->

[fd9e-4f0b-949d-c4696bd656b8](#) Same is valid for most Windows versions.

DriverData	C:\Windows\System32\Drivers\DriverData
JRE_HOME	C:\OracleJRE32
NUMBER OF PROCESSORS	64

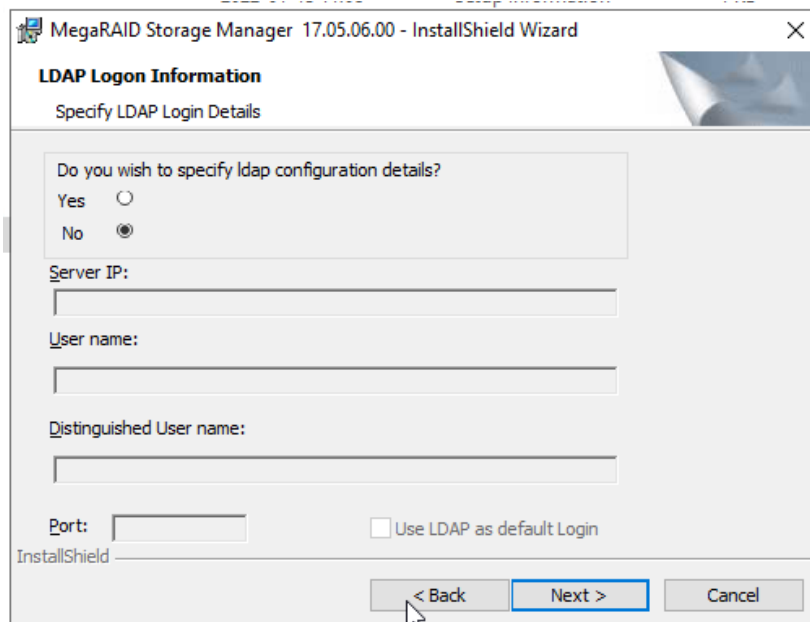
5. Reboot the computer.
6. Test with a CMD, type: `java -version`, it should give you the installed Java environment info. Remember the dash before version; "`- version`".

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.20348.1487]
(c) Microsoft Corporation. All rights reserved.

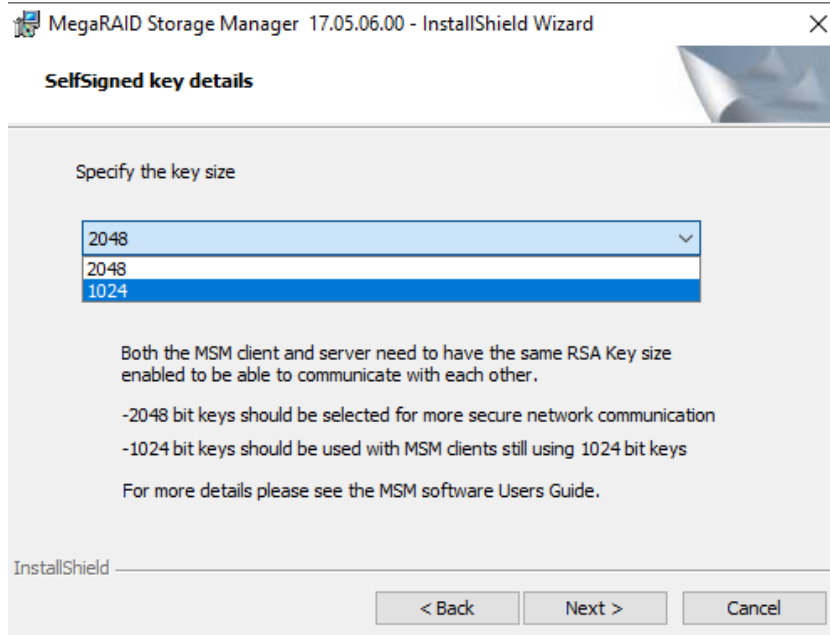
C:\Users\Administrator>java -version
java version "1.8.0_361"
Java(TM) SE Runtime Environment (build 1.8.0_361-b09)
Java HotSpot(TM) Client VM (build 25.361-b09, mixed mode)

C:\Users\Administrator>
```

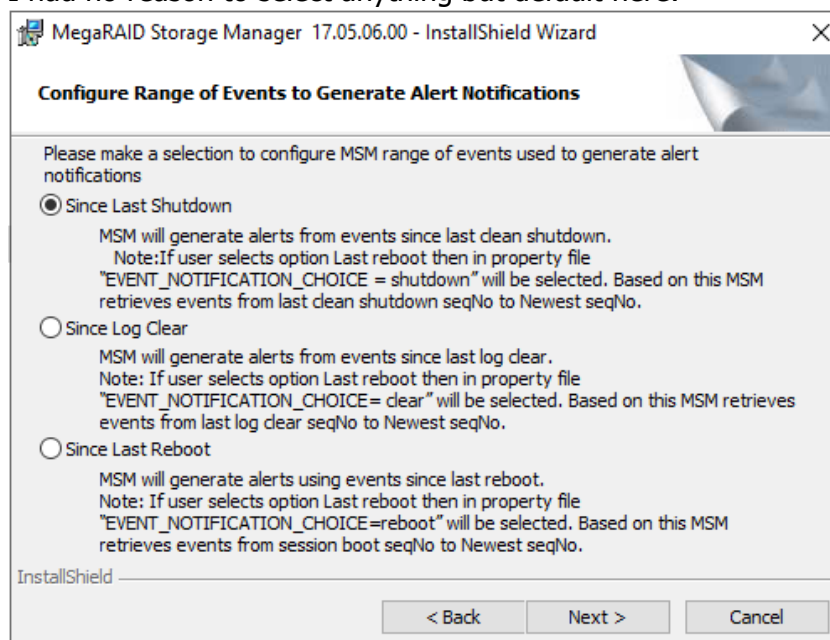
7. Now copy the file [javax.activation.services] in to your Java /bin/ folder, in my example C:\OracleJRE32\bin\.
8. Install MSM (yes, it's the 17.05.06.00 version)
 - a. I selected NO here. Don't have a running LDAP:



- b. This setting made me try twice, it worked both with 2048 and 1024:

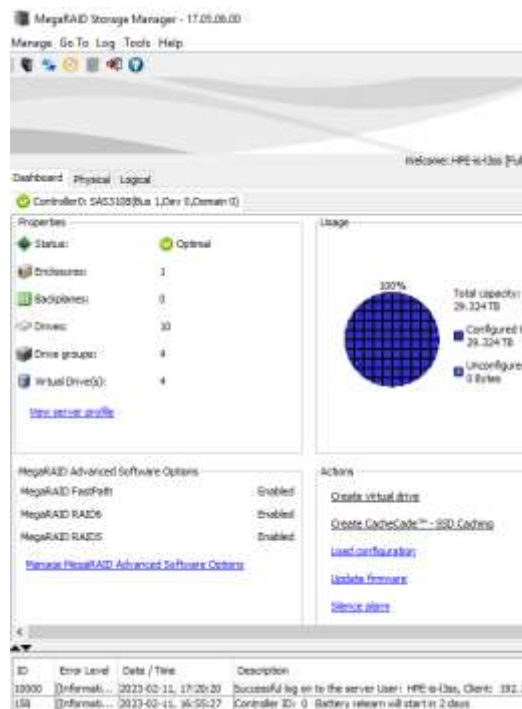


- c. I had no reason to select anything but default here:



- d. Installation successful, no additional reboot needed.





9. The file **[javax.activation.jar]** that is mentioned previously as a separate download is NEEDED as far as I have seen.

Lacking this file will cause MSM to not find the server.

This concludes my experiments with this. This tutorial with all files are available via <https://soholabs.conram.it>.

Disclaimer. There may be other ways to do this, but I have found this to be the most straightforward and simplest to achieve. Basically no coding, only knowledge of file management and environment variables required.