

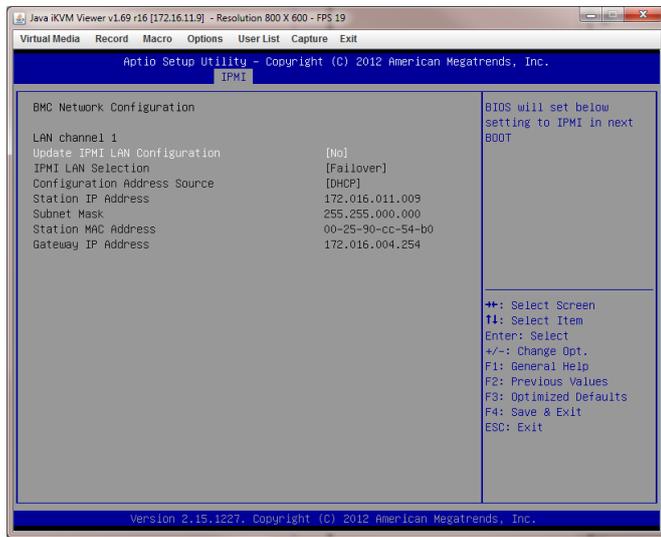
How to prepare a SuperMicro X9 SRH-7TF for a napp-it appliance

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1. Setup IPMI

- connect IPMI Connector on your mainboard to your LAN (DHCP enabled)

Enter Bios and check or set IP adress of IPMI



You can now connect to your console via browser:
<http://172.16.11.9> (this example config, use your ip)

default admin account:

user: ADMIN

pass: ADMIN

You have now a console/keyboard redirection to you browser. You can manage the server, reset, power on or use virtual medias for setup

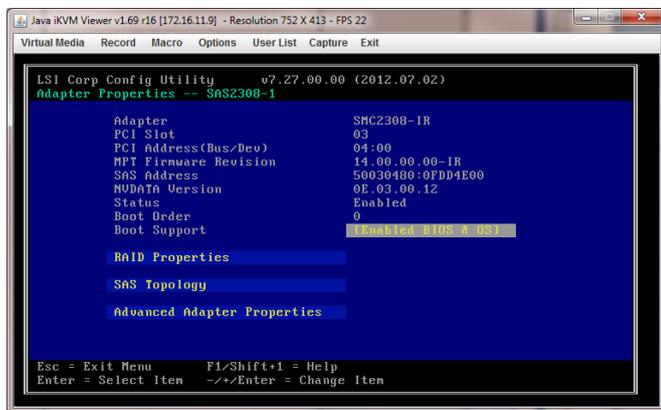
2. reflash SAS controller from IR raidmode to IT mode without raid.

- download IT firmware from <ftp://ftp.supermicro.com/driver/SAS/LSI/2308/Firmware/IT/>

- extract rar file and copy the files from the EFI folder to an USB stick

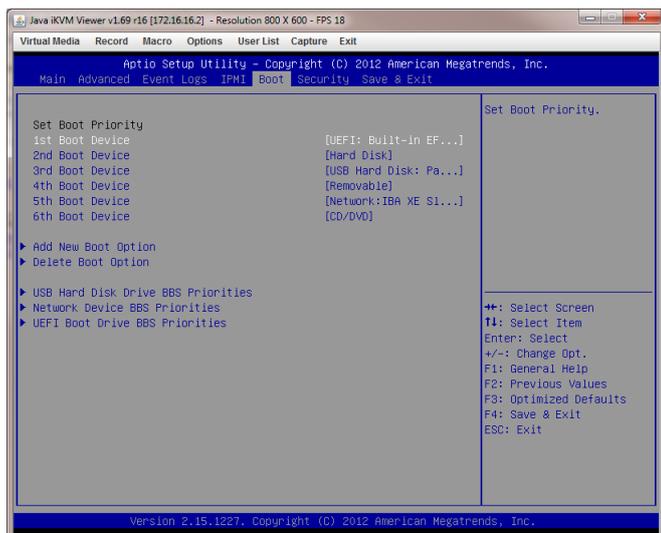
- reboot your system and enter CTRL-C to enter your SAS boot firmware

- select your controller SMC 2308-IR and press enter



write down SAS address of your SAS controller ex:
SAS adress: 50030460:0FDD4E00

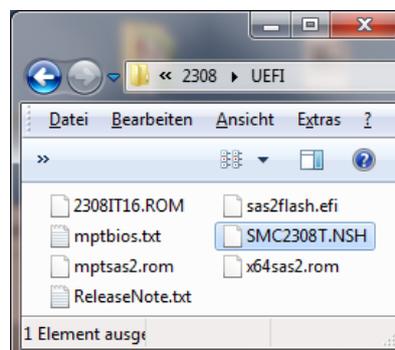
3. Boot into your EFI shell



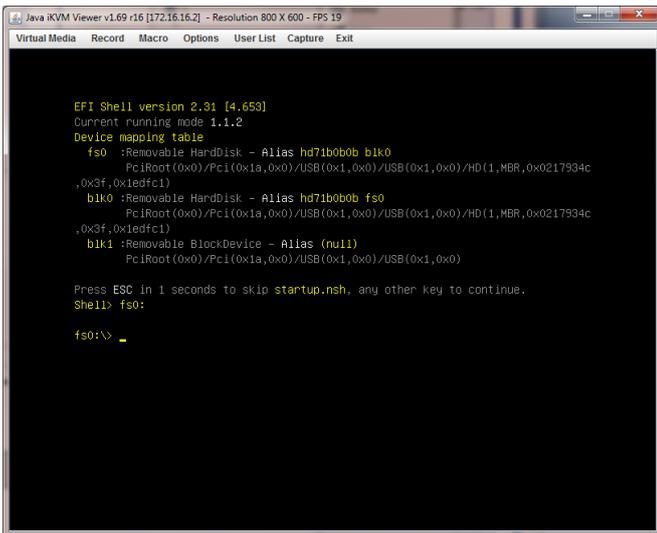
Enter Bios and setup boot order

- set UEFI at first place, save settings, reboot

- You need the these files in the USB root directory



5. execute Update script



```
Java iKVM Viewer v1.69 r16 [172.16.16.2] - Resolution 800 X 600 - FPS 19
Virtual Media Record Macro Options User List Capture Exit

EFI Shell version 2.31 [4,653]
Current running mode 1.1.2
Device mapping table
fs0 :Removable HardDisk - Alias hd71b0b0b b1k0
      PciRoot(0x0)/Pci(0x1a,0x0)/USB(0x1,0x0)/HD(1,MBR,0x0217934c
,0x3f,0x1edfc1)
b1k0 :Removable HardDisk - Alias hd71b0b0b fs0
      PciRoot(0x0)/Pci(0x1a,0x0)/USB(0x1,0x0)/HD(1,MBR,0x0217934c
,0x3f,0x1edfc1)
b1k1 :Removable BlockDevice - Alias (null)
      PciRoot(0x0)/Pci(0x1a,0x0)/USB(0x1,0x0)/USB(0x1,0x0)

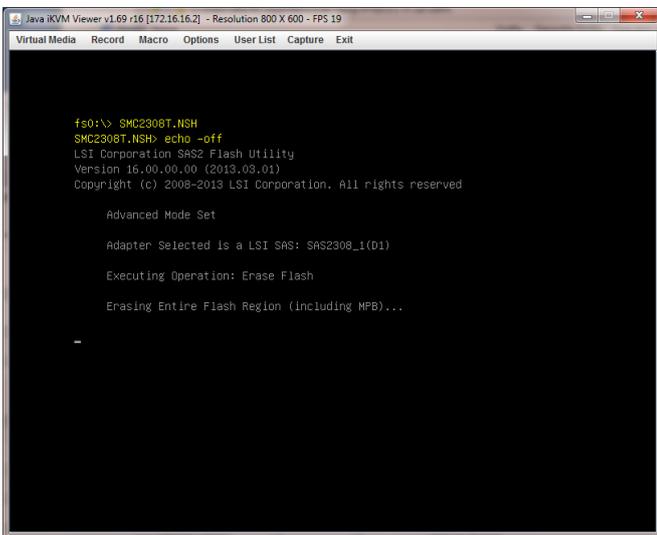
Press ESC in 1 seconds to skip startup.nsh, any other key to continue.
Shell> fs0:

fs0:\> _
```

After reboot, enter fs0: to change to USB stick

result:
fs0:\>

Start setupscript (must be in usb root):
fs0:\>SMC2308T.NSH



```
fs0:\> SMC2308T.NSH
SMC2308T.NSH> echo -off
LSI Corporation SAS2 Flash Utility
Version 16.00.00.00 (2013.03.01)
Copyright (c) 2008-2013 LSI Corporation. All rights reserved

Advanced Mode Set

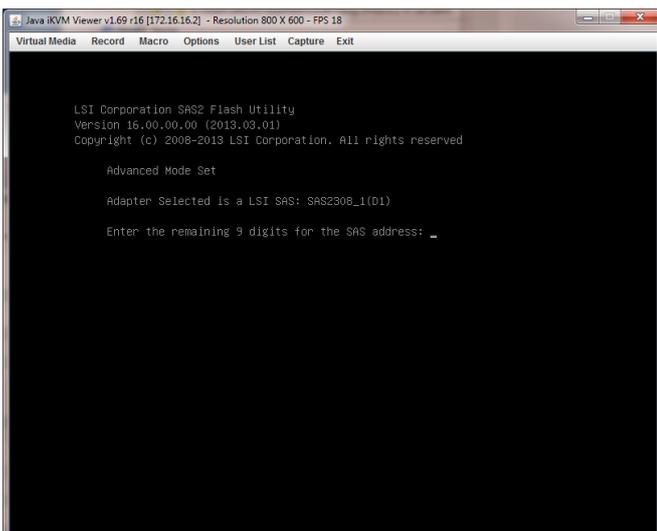
Adapter Selected is a LSI SAS: SAS2308_1(D1)

Executing Operation: Erase Flash

Erasing Entire Flash Region (Including MPB)...

-
```

Script informs about needed actions



```
LSI Corporation SAS2 Flash Utility
Version 16.00.00.00 (2013.03.01)
Copyright (c) 2008-2013 LSI Corporation. All rights reserved

Advanced Mode Set

Adapter Selected is a LSI SAS: SAS2308_1(D1)

Enter the remaining 9 digits for the SAS address: _
```

When update is almost completed, you need to enter the last 9 digits of your SAS address (from 2.)

If SAS address is 50030480:0FDD4E00, enter:
00FDD4E00 to finish setup.

enter exit to reboot

On next boot, enter LSI firmware (CTRL-C) and check if you have IT firmware with same SAS address

thats all, have fun

If you need more controllers, use the LSI 9207
This is the same controller already flashed to IT mode

info:

If you use more than one controller, it is suggested that all are on the same firmware.