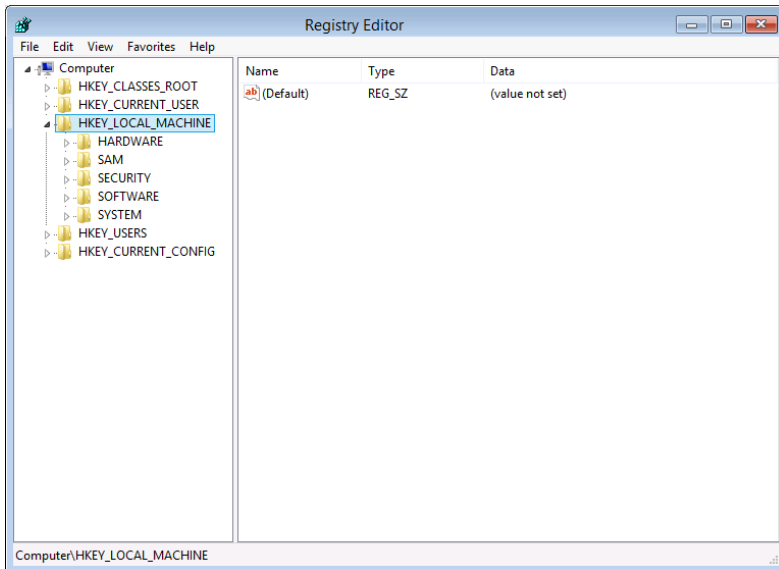




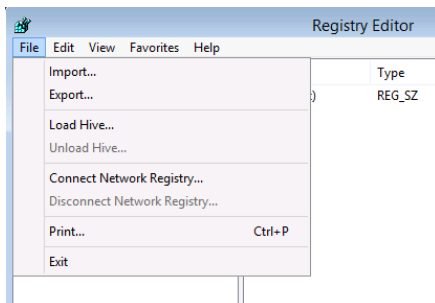
ActiveImage Protector Offline Driver Tweaks

160801

1. In the ActiveImage Protector Recovery Environment, select **Tools -> Command line**.
In the command line type **regedit** and hit enter.
2. Once the Registry Editor is loaded, select (highlight) **HKEY_LOCAL_MACHINE**



3. Then in the Menu Bar click **File - > Load Hive...**



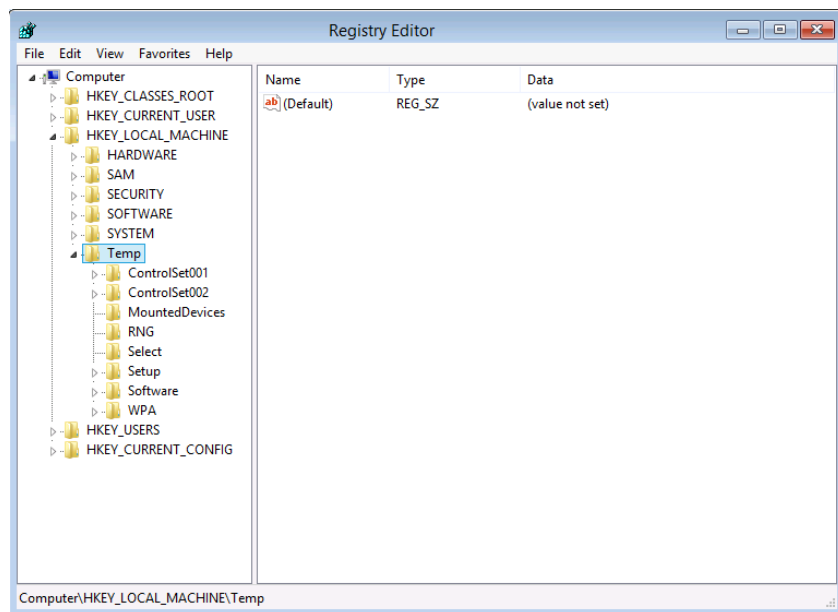
4. Now navigate to the Windows drive. Example:

C:\WINDOWS\System32\config

Select the file **SYSTEM**. No other like i.e. SYSTEM.SAV .

When the dialog box opens, create a name (in this example: **Temp**) and click OK.

You should now see something like this:



5. Now go to this path:

HKEY_LOCAL_MACHINE\Temp\Select

And check the value of Current and Default, if the value shows as 1, then go to this path:

HKEY_LOCAL_MACHINE\Temp\ControlSet001\Services

Any other value like 2 or 3 would mean ControlSet002 or ControlSet003 is the correct selection.

The most important basic storage drivers in Windows:

AHCI driver:

Msahci (on Windows Vista / 2008 up to 7 / 2008 R2)
 Storahci (on Windows 8 / 2012 and newer)

NVM Express driver:

Stornvme (on Windows 8 / 2012 and newer)

Windows IDE driver:

Intelide Pciide Atapi

Other controller drivers:

Viaide 3ware Arcsas Megasar Megasr
 LSI_SAS Nvraid Nvstor HpCISS ...

Intel SATA / RAID driver:

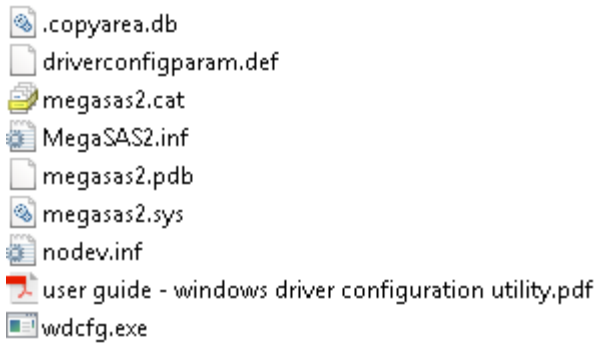
lastorV lastorA lastorAV
 lastorF lastor ...

AMD SATA / IDE driver:

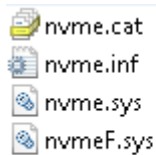
Amdide Amdsata

And many other models and cards, depending on the controller vendor and controller type. Example how to determine which name is used on the system for the driver :

- A) Download the driver package
- B) Unpack the driver package
- C) Example with Avago LSI driver:



- D) The main driver service name is shown **MegaSAS2.sys**
- E) This name **MegaSAS2** are used in the Windows driver registry catalogue later
- F) Other example Samsung NVM Express SSD driver:



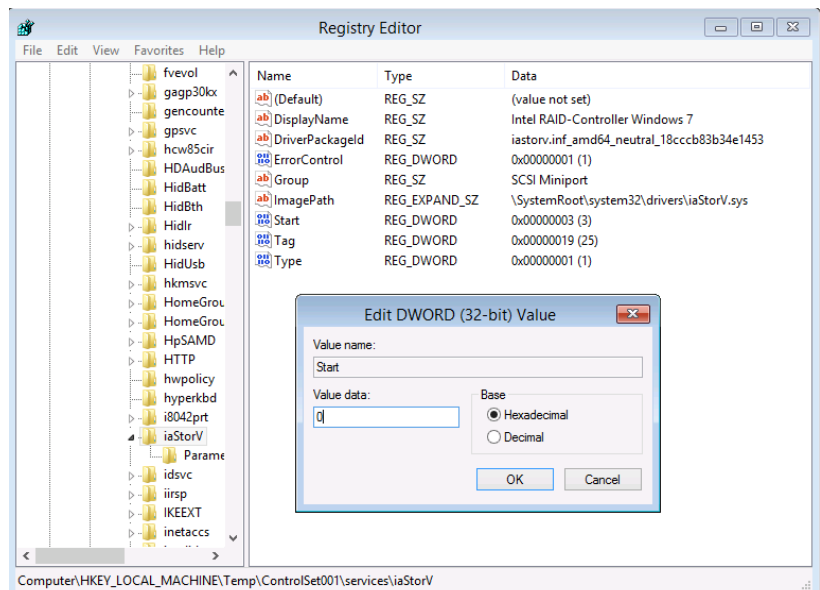
- G) The main driver service name is shown **nvme.sys** and **nvmeF.sys**
- H) This name **nvme** and **nvmeF** are used in the Windows driver registry catalogue later

6. To enable a driver

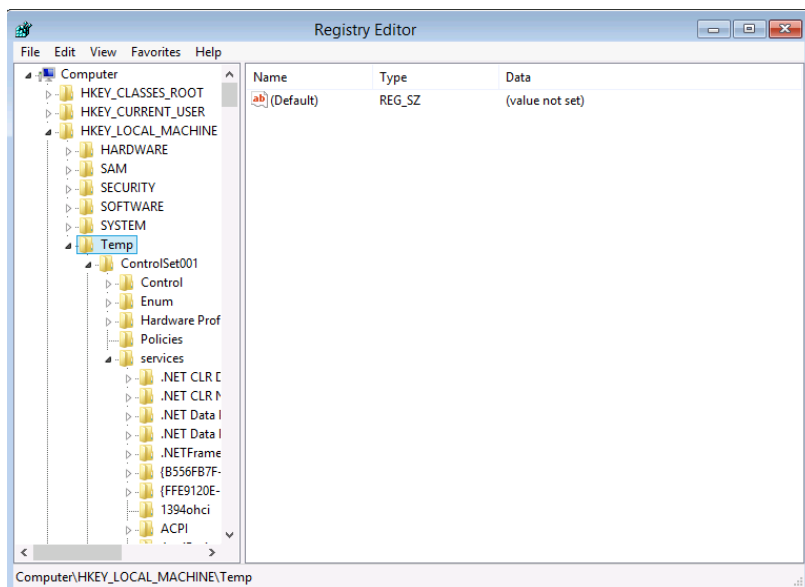
- Right click on the driver
- Select **modify -> change**
- Change the Start value to 0
- Click OK

To disable a driver

- Right click on the driver
- Select **modify -> change**
- Change the Start value from 0 to 4
- Click OK.



7. After the drivers are changed, select (highlight) the “Temp” folder we created before



8. From the Menu Bar, click on **File -> Unload hive...** to finish

