

STM32MP1 workshop

Workshop known issues



Vmware player issues:

Symptom: At VM image start you get an error.

“« VMware Workstation and Device/Credential Guard are not compatible. VMware Workstation can be run after disabling Device/Credential Guard. »

Solution

Deactivate 2 options

- Run **gpedit.msc** (windows+R) , open tab : Computer Configuration, Administrative Templates, System, Device Guard
Select "Turn on Virtualization Based Security" and disable this option.
- Run **optionalfeatures** (windows+R) , unselect the Hyper-V tickbox

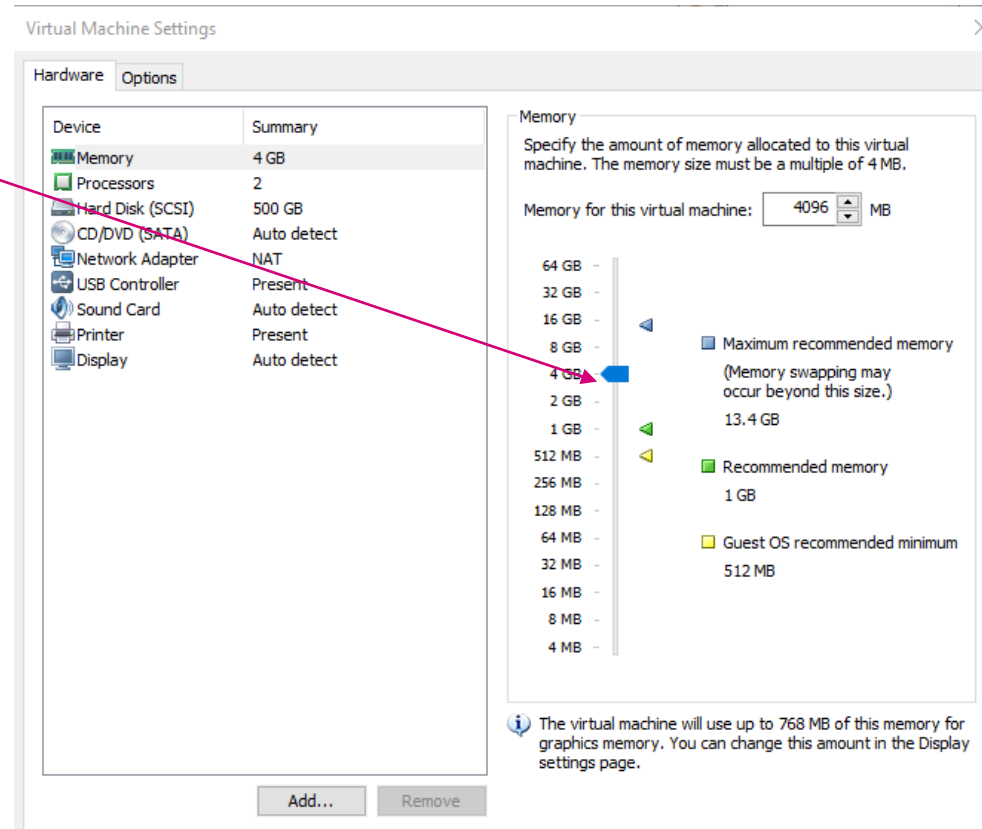
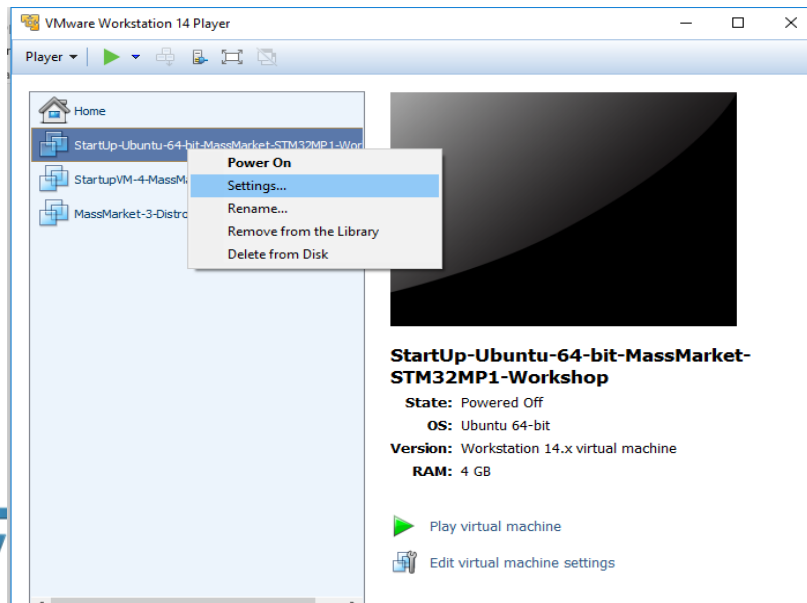
<https://www.windows8facile.fr/bug-vmware-workstation-w10-1709/>

Vmware player issues:

Symptom : VM is slow to start, execution of CubeMx very slow....

Solution

- 1 Exit from VM
 - 2 Re-Run VMWorkstationPlayer and select the VM image in the menu.
 - 3 Right Click on the VM and **select “Settings...”**
 - 4 Reduce the size to half of the PC RAM available.
- Ex PC has 4GO RAM, select 2GO for VM



Ac6 system Work-bench issues

- Build error : There may be build error with install of system workbench

“PATH doesn’t include the directory for arm-none-eabi-g++ and –gcc”

Solution : In this case remove current version

```
cd ~/Ac6
```

```
rm -rf SystemWorkbench
```

Then relaunch manual installation of systemworkbench from

```
cd ~/STM32MPU-Tools/CUbeMPUPackage-systemworkbench
```

- Build error in project DK2_TIMER1_OpenAmp_Solution in from Lab-M4

```
arm-none-eabi-as -mcpu=cortex-m4 -mthumb -mfloat-abi=hard -mfpu=fpv4-sp-d16 -g -o "startup/startup_stm32mp15xx.o"  
"../startup/startup_stm32mp15xx.s"
```

/bin/sh: 1: arm-none-eabi-as: not found

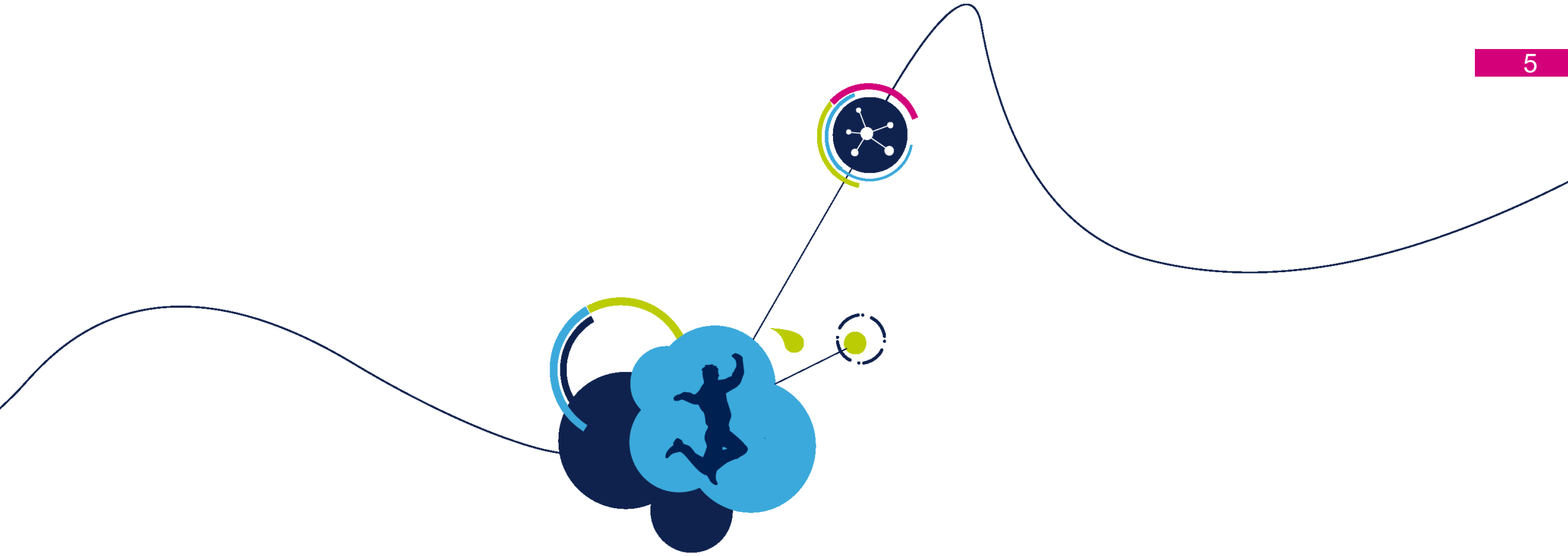
startup/subdir.mk:15: recipe for target 'startup/startup_stm32mp15xx.o' failed

.settings directory from DK2_TIMER1_OpenAmp_Solution directory has incorrect path for this systemworkbench version

Solution : Remove .settings directory in DK2_TIMER1_OpenAmp_Solution

```
cd ~/Desktop/DK2_TIMER1_OpenAmp_Solution
```

```
rm -rf .settings/
```



Thanks