

vsm Server

2012R2 Installation Guide

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www.lawo.com/downloads

1. Introduction

This document describes how to install a **vsmStudio** Server using the installation image provided.

Note that you *MUST* use the installation image *OR* purchase a pre-configured server directly from Lawo.

2. Prerequisites

To begin, you will need the following:

- 3rd-party Unzip Program such as 7Zip (www.7-zip.org)
- USB Stick 16GB (All data will be wiped)
- Windows Server 2016 EN/DE license and product key

If you are re-installing on an existing server, then please backup all the files you wish to keep.

Warning

During installation, all existing files and configuration on the server will be deleted.

3. System Requirements

The requirements for a **vsmStudio** Server are as follows.

Note that the Standard Server is recommended. However, for installations with limited rack space a short-version Server can be specified.

Setup	Standard Server (recommended)	Short-version Server (compact)
Server	HP DL360p Gen8, Gen9	HP DL20 Gen 9 (2017 onwards) HP DL320e G8 V2
CPU	min. Xeon E5 2620	min. Xeon E3 1220 (No Core i3 or Pentium)
RAID	Dedicated Raid Controller (e.g. HP Smart Array P440ar)	Dedicated Raid Controller (e.g. HP Smart Array P222)
RAM	min. 4 GB	
HARD DRIVE	min. 100 GB SATA/SAS	
OS	Windows Server 2016 English/German	

You can order any of the Servers listed above directly from Lawo, or buy a HP Server from your supplier:

- **Lawo-supplied Servers** - when you buy your server directly from Lawo it will be fully built, pre-configured and tested, and VSM will be licensed.
Note: a Windows Server 2016 EN/DE license and product key must be provided.
- **Customer-supplied Servers** - if you buy a HP Server from your supplier, then Lawo will provide a download link to an installation image. The image contains all officially supported drivers for the relevant platforms.

Note that you *MUST* use the installation image *OR* purchase a pre-configured Server directly from Lawo.

4. BIOS Settings

Configure the BIOS for the following settings:

- Time/Date
- No powersaving. Maximum performance
- Raid 1
- Boot order needs to be USB after Hard Drive

5. Creating the Bootable USB Stick

Extract the **LAWO_VSM2012R2.zip** file onto your local hard drive.

Run the "**CreateBootStick.cmd**" and enter your USB stick's drive letter.

Warning

The BootStick Creator will wipe the USB stick, so be sure to backup any files you wish to keep.

6. Installation

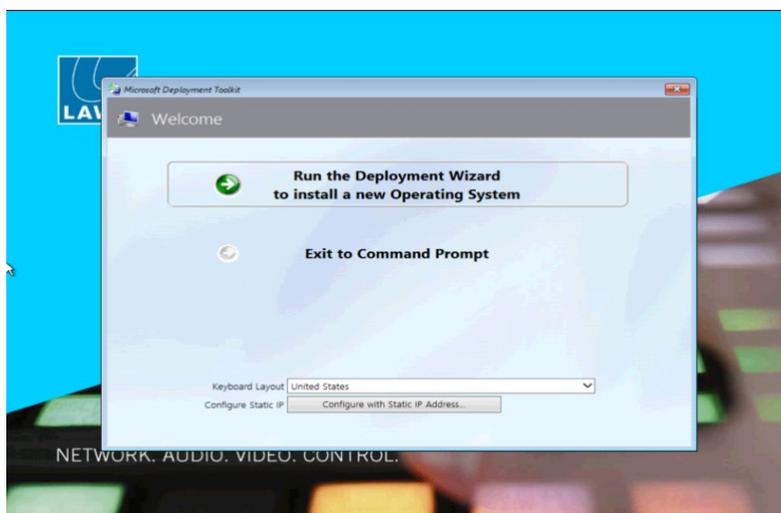
Warning

The installation will wipe all data on the disk. Make sure that only the USB stick is connected to the Server.

After configuring your BIOS you can begin with the installation of your Server:

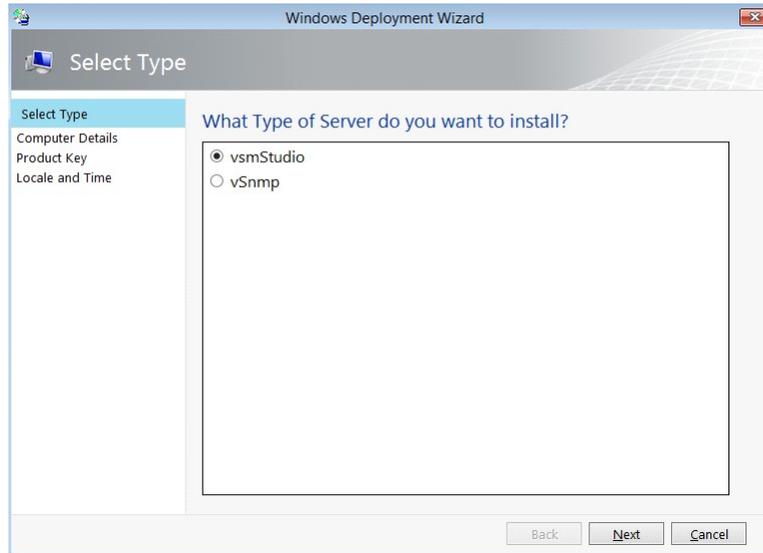
Connect the USB stick to the Server and boot - do **NOT** unplug the USB stick during the installation process.

The Server will boot from the USB stick and the Windows Deployment Assistance appears:

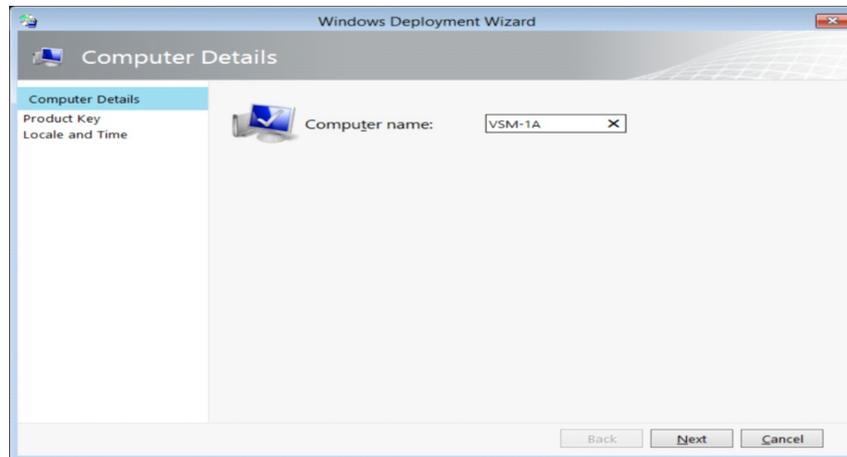


Choose your Keyboard Layout and click "**Run the Deployment Wizard**".

Choose between **vsmStudio** or **vSnp** Server:



Enter the name of your Server:



Enter your Windows Product Key. You can choose “No product key is required” and provide a product key later:



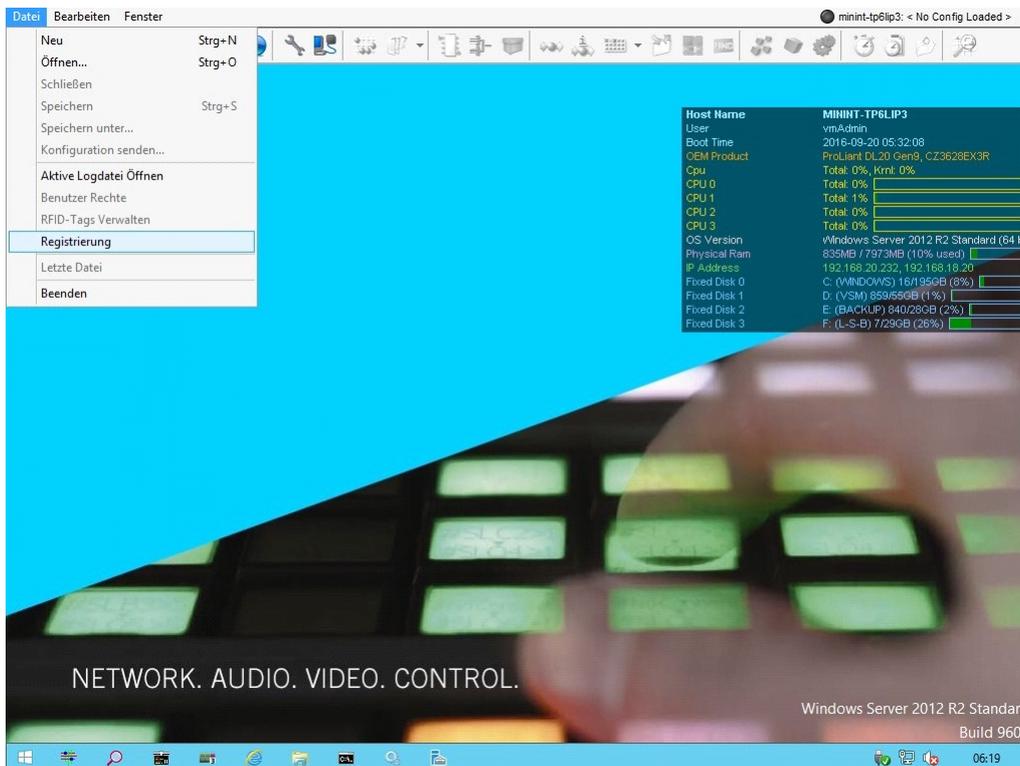
Choose the Language to install (only English and German available), and choose your Time zone:



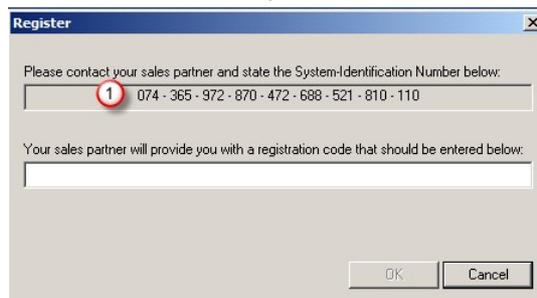
The Server will reboot several times during the installation.

7. Registration

After the installation is complete you need to register your **vsmStudio** license:



Click on **File -> Register** - note down the **vsmStudio System-Identification Number**:



Please send an email containing your VSM Server Registration Form and the System-Identification Number to service@lawo.com

The VSM Server Registration Form is included in the Zipfile.