Observer 5.0 Quick Installation

Meeting hardware requirements

- Ensure that the hardware is compatible with Red Hat Enterprise Linux / CentOS, meets the requirements as described in the *Netavis Observer Server and Client Compatibility and Requirements* documentation, and is suitable for the particular project.

Downloading the software

- Download the ISO image of the desired version of Netavis Observer, verify its SHA-1 checksum, and burn it to a DVD or create a bootable USB flash drive.

BIOS Settings

- Configure the boot order options so that the server boots from the CD / DVD drive or USB flash drive.
- Disable unused components such as parallel and serial ports, audio interfaces, and other controllers.
- Disable onboard RAID functionalities.
- Set all hard drive controllers to AHCI (Advanced Host Controller Interface) / enhanced mode.
- Set the BIOS clock to the current UTC time.

Hardware RAID controllers (if applicable)

- Verify that the RAID controllers are configured appropriately for the desired system configuration.

Installation *(Hint: Keep an installation protocol to document the specific server configuration for future reference.)*

- Restart the server, insert the Netavis Observer DVD or USB flash drive, and you will be presented with a screen with different options.
- Use the arrow keys on the keyboard to select the desired installation option (always **press Enter to confirm**):
    - **Install video system:** Installs a new Netavis Observer system and deletes all data from the hard drive.
    - **Upgrade video system:** Updates Netavis Observer to a new version. Only select this option after having been instructed to do so during the update process!
- **For installing a new Netavis Observer** system (Note: All data on the system will be deleted!):
    - Select the desired installation option whereby **Install video system** is the default choice and uses a Software-RAID.
    - On the **Installation summary** screen, you need to configure the **Date & Time**, **Keyboard** (ensure that only a single keyboard layout is configured), **Network & Host Name** (ensure that you enter a fully qualified domain name (FQDN) such as *observer.netavis.net* as the system's host name rather than just using a simple hostname such as *videosystem*), and **Netavis Settings** options. Then press **Begin Installation**.
    - Wait for the system installation to complete, **remove the DVD or USB flash drive**, and **reboot**.
    - Login as **admin**. Then type **0** to read through and agree to the Netavis End User License Agreement by typing **yes**. Afterwards the system will fully start.
    - Now the server is ready for use with the Netavis Observer client.

Additional resources

- Netavis Observer 5.0 Server and Client Compatibility and Requirements
- Netavis Observer 5.0 Server Installation and Administration

www.netavis.net