How to Configure Paragon uEFI iSCSI Target

Quick User Guide
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Intro
This guide will help you create and properly configure a bootable flash stick with an iSCSI target.

Prerequisites
1. A uEFI-based computer that accommodates Windows XP or higher;
2. An Intel Pro Series network card or an uEFI driver for any other network card;
3. A USB flash stick formatted to FAT.

Installation and Setup
1. Our product is distributed in form of a .zip archive, which you should extract first.
2. When done, open Command Prompt as an Administrator.
3. Run **escsicfg.bat**. It’s a script that will configure iSCSI Target to work with a certain disk and network interface. To see its output, type in “**escsicfg.bat --show**”.

4. To create a bootable flash stick, type in “**escsicfg.bat --install <driver letter> <disk number> <network interface number>**”, where:
   - **drive letter**: – a drive letter that is assigned to your flash stick by OS;
   - **disk number** – a number of the required disk obtained by the “**escsicfg.bat --show**” command;
**network interface number** – a number of a network interface to use obtained by the “**escsicfg.bat --show**” command. Note: Network settings will be imported to the configuration file.

5. The script will start copying files to the flash stick.
6. When over, you'll get a bootable flash stick.

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**Launching Paragon uEFI iSCSI Target**

1. Start up your uEFI-based computer from the prepared flash stick (to know how to select a flash stick as the first boot device, please consult documentation of your motherboard). You should see the following message:

   ![Command Prompt Window](image)

   **Press (ESC) to start the next firmware boot option**
   **Press any other key to load Paragon iSCSI MiniTarget**
2. Press any button but ESC to launch Paragon uEFI iSCSI Target. Save an IP address, as it's needed to set up iSCSI Initiator.

Connecting Paragon uEFI iSCSI Target through MS iSCSI Initiator

Microsoft iSCSI Initiator is available for all editions of Windows OS since XP. You can download it for Windows XP directly from Microsoft’s website free of charge.

1. Open Command Prompt as an Administrator.

2. Run iscsicli.

3. Add a new iSCSI target by using "QAddTarget <target name> <target IP>", where:
- **target name** – name of Paragon’s target (can be used any name at this stage);
- **target IP** – an IP address of Paragon’s target.

4. Connect to Paragon’s iSCSI Target by using “QLoginTarget <target name>”

5. As a result you should have a new iSCSI disk in the system. Congratulations you have successfully connected to Paragon uEFI iSCSI Target!