



Actiphy Authentication Service(AAS) Podman (Docker) Container Guide

September 21, 2023



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1. Feel free to use this document for your reference

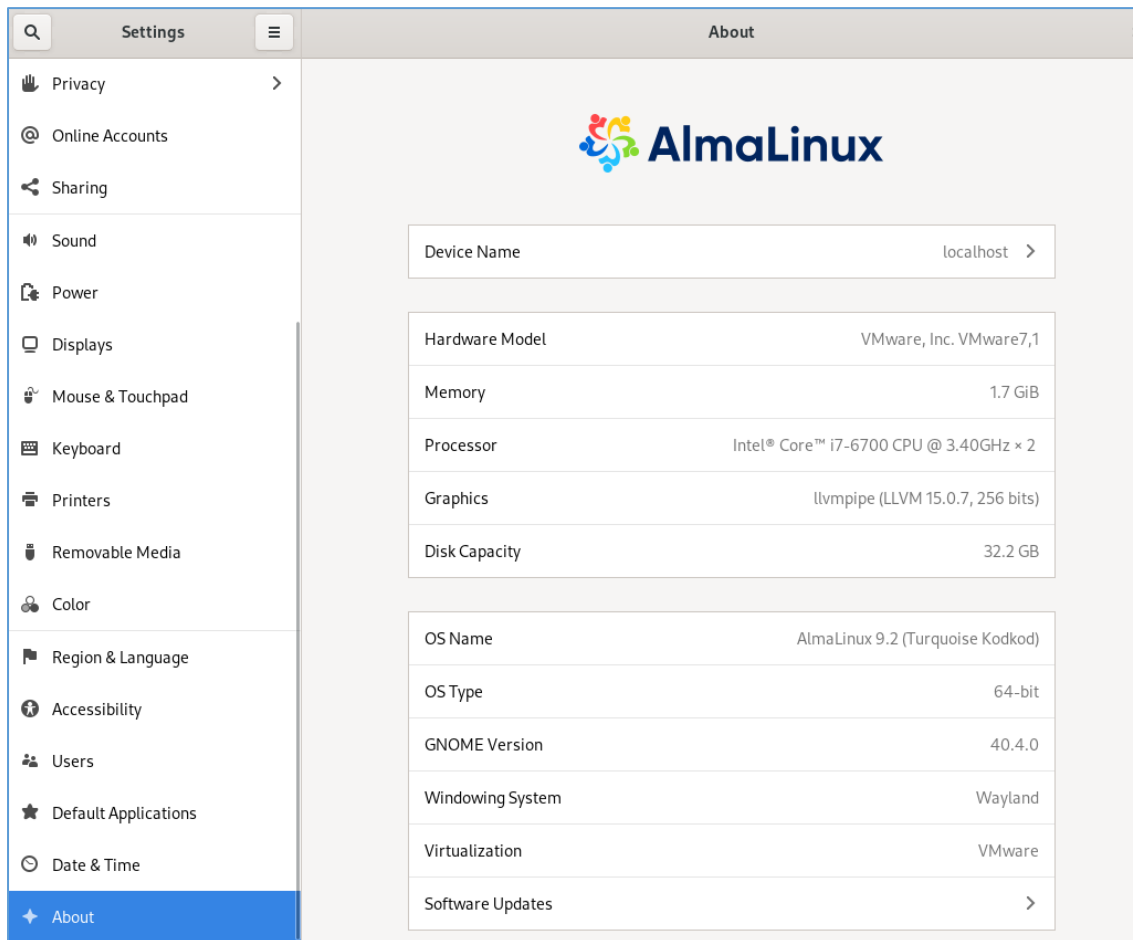
The purpose of this guide is to provide ActiveImage Protector (the “product”) users with a quick reference to assist in activating the product (2022 series) with Podman container in an off-line network environment. You can read the whole contents, however, you can reference only a part to gain a further understanding.

In advance, you have to install Podman on the machine on which AAS will be implemented.

This guide provides the example of Podman installation on Linux OS (AlmaLinux 9 with root privilege). The description about the command line minimum required to use Podman is also provided for your information which we hope you will find helpful.

2. Installation of Actiphy Authentication Service (AAS)

1. Please connect to the internet in the environment where AlmaLinux 9 is installed.



2. Log in as root user.
3. Load ISO file or install media for installation of AIP.
4. Run cd command and move the work directory to ISO file or install media.

```
[root@localhost ~]# cd /run/media/root/AIPBE
```

5. Run “./AIP-packages-tool.sh” command and the script.

```
[root@localhost AIPBE]# ./AIP-packages-tool.sh
```

6. The following menu is displayed. Select the menu item [8] and install AAS. System restart is not required.

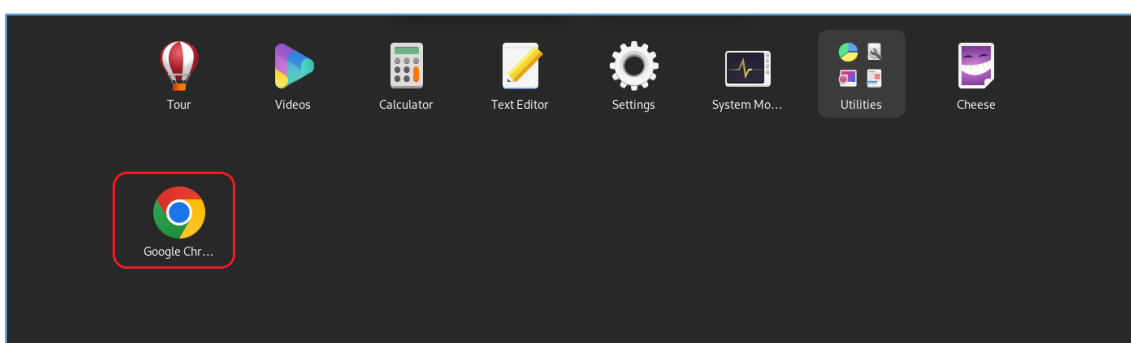
```
*****
**      ActiveImage Protector 2022 Linux installation tool      **
*****

** 2023-07-12 00:42:48 -Ver 0.2.92 START
AlmaLinux 9
System checking....
Free space in /opt/ is 11196MB.
OK, enough space in /opt/ for rescueboot LinuxBE.
Memory:4GB
OK, enough space in memory for set rescueboot LinuxBE.
This system is disabled SecureBoot.

[1] Agent
[2] GUI
[3] [1]-[2]All
[4] Install Kernel-devel
[5] Install datto driver
[6] Install AIPLinux
[7] Uninstall datto driver
[8] Install AAS
[9] Uninstall AAS
[10] Install StorageServer
[11] Uninstall StorageServer
[12] help
[13] exit

Please select install menu from [1-13]:8
```

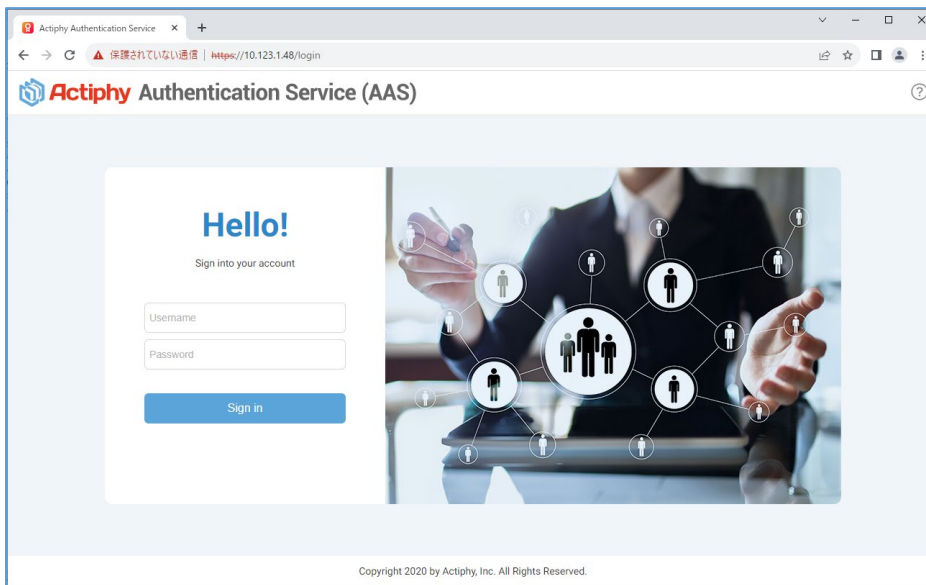
7. Upon completion of the installation, Google Chrome is added to the application list.



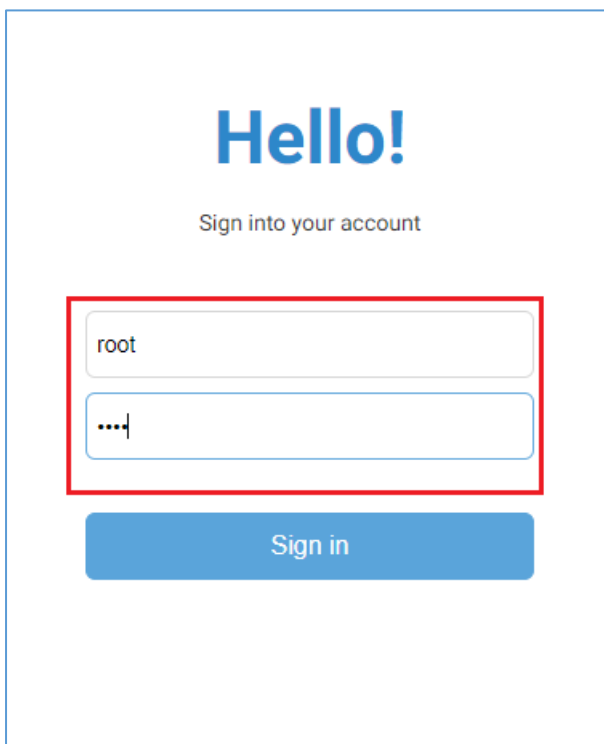
3. Access Actiphy Authentication Service (AAS)

1. Enter IP address of the machine which AAS is installed in the address bar of Google Chrome and access the launched AAS container.

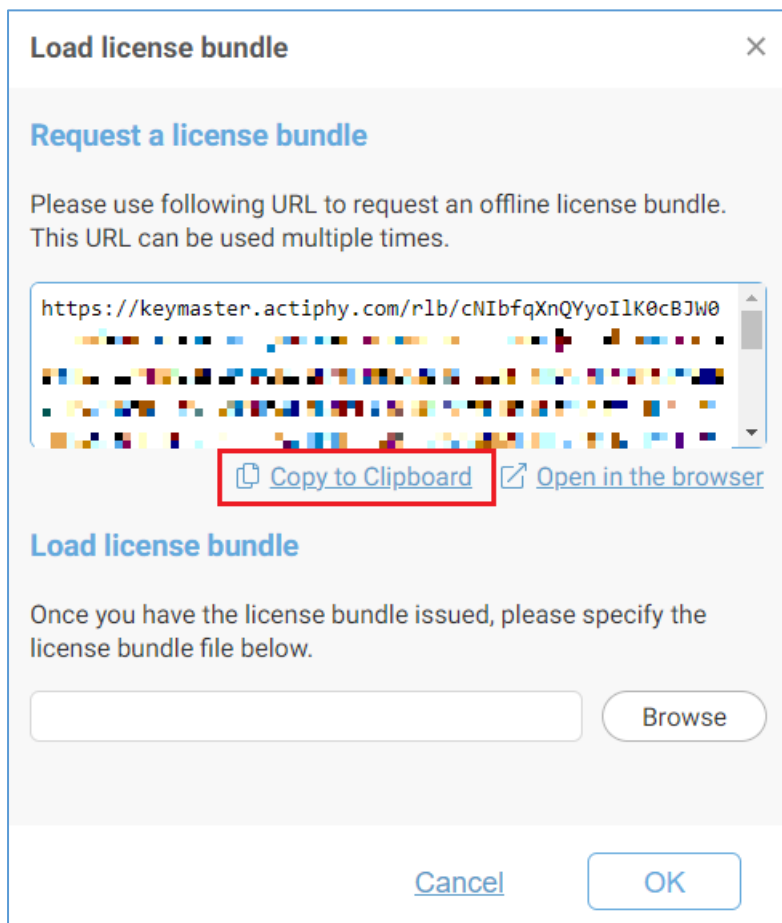
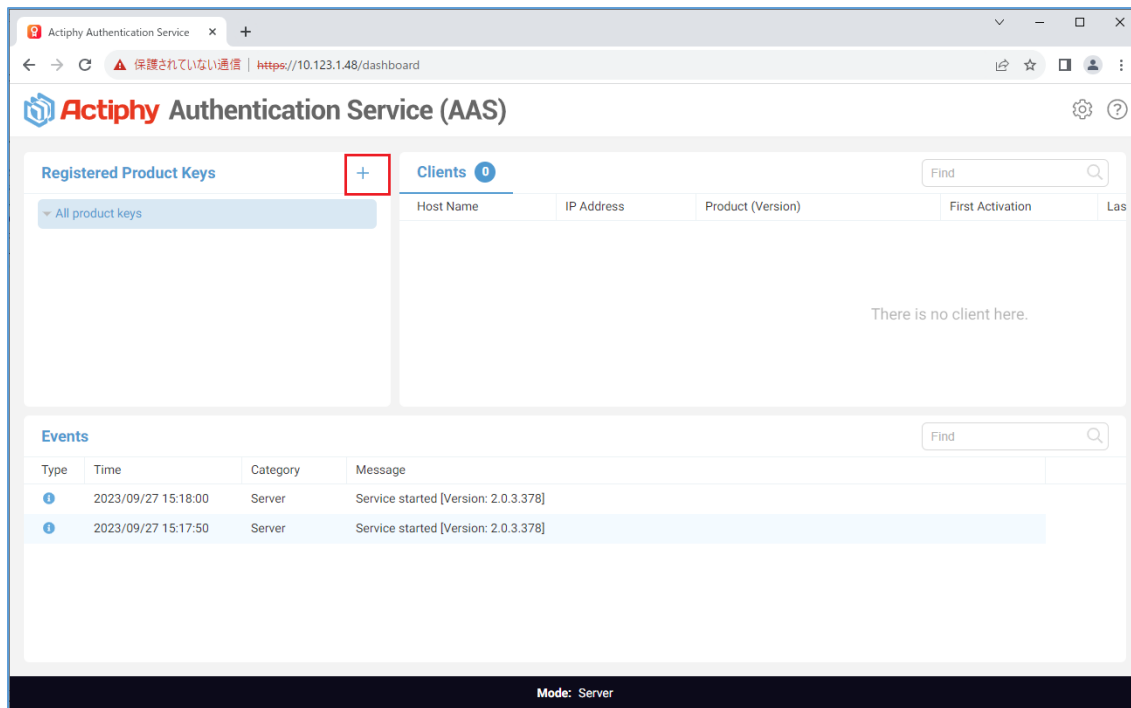
Ex : <https://192.168.xxx.xxx>



By default, enter "Username : root", "Password : root" to log in.



2. In order to load a bundle file, click [+] and copy the URL of AAS.



4. Load Bundle File

1. Access the copied URL from a machine with internet access or the machine on which AAS is implemented over internet.

Enter the mail address to receive the loaded bundle file and click [Verify!]

The screenshot shows the 'License Bundle Request Form' for the Actiphy Authentication Service (AAS). The page has a light pink background. At the top, there's a 'Logout' link on the left and 'SUPPORTED LANGUAGES' with flags on the right. The main heading is 'Actiphy Authentication Service (AAS)'. Below it, the text reads: 'License Bundle Request Form', 'Your offline license bundle will be emailed to you.', and 'Please enter your contact e-mail address:'. A text input field contains 'example@domain.com'. Below the input field is a reCAPTCHA widget with the text 'I'm not a robot' and a 'Verify' button. At the bottom, it says 'Copyright 2023 by Actiphy, Inc. All Rights Reserved.'

2. Enter the product key(s) to use for activation with AAS that issued the URL. Click [Add product keys].

The screenshot shows the 'Configuring for Actiphy Authentication Service' page. On the left, there's a sidebar with 'Step 1' (Use Actiphy Authentication Service (AAS) to issue Offline Bundle Request URL) and 'Step 2' (To Load Additional Product Keys, enter keys below:). A text input field for product keys is highlighted with a red box, and below it is an 'Add Product Keys' button. The main content area has a light pink background. At the top, there's a 'Logout' link on the left and 'SUPPORTED LANGUAGES' with flags on the right. The main heading is 'Actiphy Authentication Service (AAS)'. Below it, the text reads: 'License Bundle Request Form', 'Configuring for Actiphy Authentication Service', and 'The license information will be emailed to:'. A text input field contains 'example@actiphy.com'. Below the input field, there's a message: 'Please add ActiveImage Protector / Actiphy Backup and Standby Product Key !'. At the bottom, it says 'Copyright 2023 by Actiphy, Inc. All Rights Reserved.'

3. The number of licenses allocated to the added product key.

Input a number of licenses to allocate for activation via AAS that issued the URL. Then click [Allocate License].

Bundle ?	Product Key	Product	Options	Licenses	Key Type	Region
<input type="checkbox"/>	Available	JL10KT-6X6X42-KLOYPN-P3265K-CA5CFS	ActiveImage Protector 2022 Linux	Current: 0 / 10 Allocate: 1 / 10 (Other 0)	Purchased Key	Region Japan

Use this to allocate license ↑

+ Allocate License

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4. Check in the red-framed checkbox and click [Bundle!].

Step 3

Select one or more Product Keys, and press bundle !

Bundle !

Bundle ?	Product Key	Product	Options	Licenses	Key Type	Region
<input checked="" type="checkbox"/>	Available	JL10KT-6X6X42-KLOYPN-P3265K-CA5CFS	ActiveImage Protector 2022 Linux	Current: 1 / 10 Allocate: 1 / 9 (Other 0)	Purchased Key	Region Japan

+ Allocate License

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5. The following pop-up message is then displayed. After confirming the message, click [OK].

keymaster.actiphy.com says

This will make license allocation permanent and non-undoable without license recovery codes. Do you wish to continue ?

OK

Cancel

6. Click [Send E-Mail!] and the bundle file will be sent via E-mail.

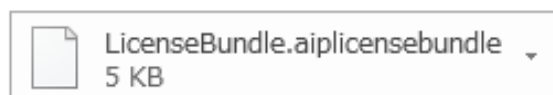
Step 4

Download License Bundle

Download!

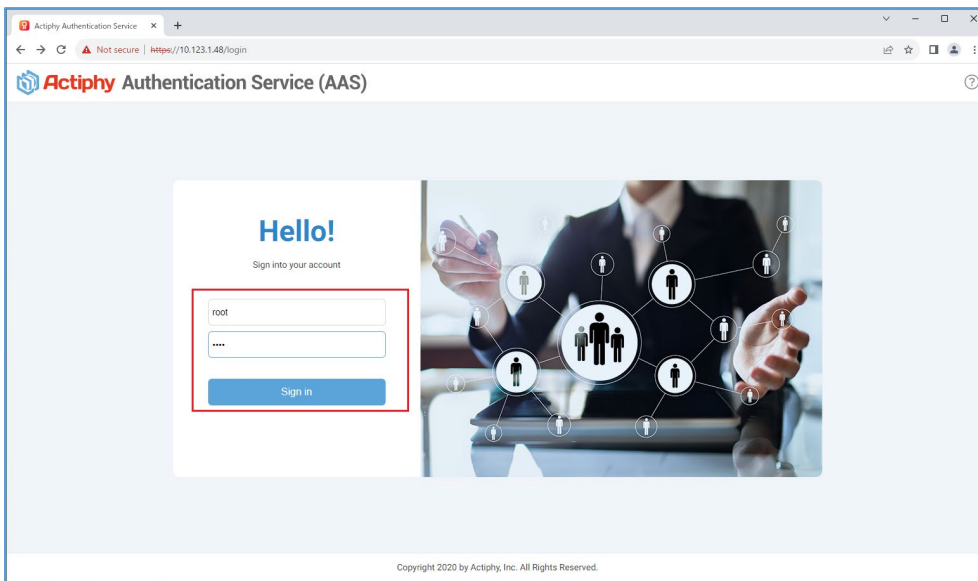
7. Copy the E-mailed bundle file to a folder on the machine which AAS is implemented.

If the machine which AAS is implemented is internet-connected to obtain a bundle file, the internet can be disconnected now.

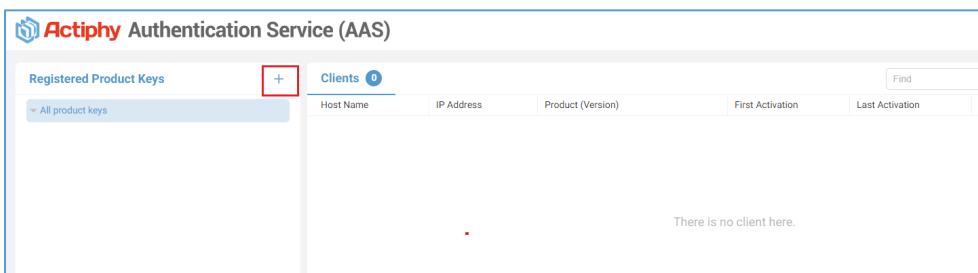


5. Register bundle file

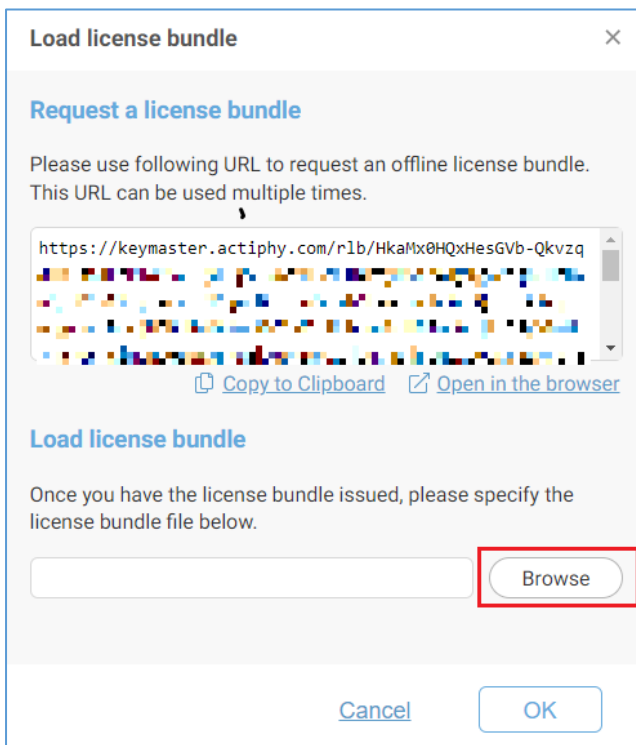
1. Access AAS via Google Chrome on AAS-implemented Linux machine and log in.



2. Click [+] and display the window for registering license bundle.



3. Click [Browse] and select the obtained [LicenseBundle.aiplicensebundle].



4. Please make sure that [LicenseBundle.aiplicensebundle] is selected and click [OK].

Load license bundle

Once you have the license bundle issued, please specify the license bundle file below.


LicenseBundle.aiplicensebundle (4.98 KB)

Browse

Cancel

OK

5. When the bundle file is normally registered with AAS, the detailed information of the license is displayed.

 **Actiphy Authentication Service (AAS)**

Registered Product Keys

All product keys

ActiveImage Protector 2022 Linux

Clients 1

Host Name	IP Address	Product (Version)	First Activation
10.123.1.104	10.123.1.104	ActiveImage Protector (6.5.1.7719)	2023/09/27 17:55:11

*As for the detailed operating procedures for product activation, please refer to Activation Guide for the respective products.

6. Uninstalling AAS

1. Run cd command and move the work directory to ISO file or install media.

```
[root@localhost ~]# cd /run/media/root/AIPBE
```

2. Run the command “./AIP-packages-tool.sh” and the script.

```
[root@localhost AIPBE]# ./AIP-packages-tool.sh
```

3. Select the menu item [9] and uninstall ASS.

```
*****
**      ActiveImage Protector 2022 Linux installation tool      **
*****

** 2023-08-02 22:57:20 -Ver 0.2.92 START
AlmaLinux 9
System checking....
Free space in /opt/ is 30483MB.
OK, enough space in /opt/ for rescueboot LinuxBE.
Memory:4GB
OK, enough space in memory for set rescueboot LinuxBE.
This system is disabled SecureBoot.

[1] Agent
[2] GUI
[3] [1]-[2]All
[4] Install Kernel-devel
[5] Install datto driver
[6] Install AIPLinux
[7] Uninstall datto driver
[8] Install AAS
[9] Uninstall AAS
[10] Install StorageServer
[11] Uninstall StorageServer
[12] help
[13] exit

Please select install menu from [1-13]:9
```

You will be prompted to answer “Do you want to remove AAS data?”. Enter [y].

```
Do you want to remove AAS data? [Y/n] y
```

4. When you get “AAS remove successful” message, uninstallation completed.

```
AAS remove successful.
```