

Virtual SED Target

Manual

v 4.3.0

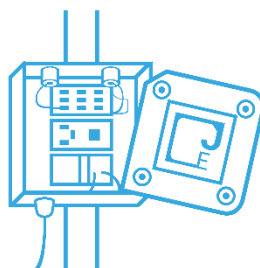


Table of Contents

Introduction	2
SED Server installer	3
Installation.....	3
Installation in web adinistration - continuatioun	4
SED target installation	4

Introduction

The SED Server serves as a central point for communication between devices and users. The server implements various communication standards so that it can communicate with as many security systems available on the market as possible. At the same time, it offers additional functionality in the form of so-called plug-ins.



SED Server installer

Attached file 4.3.0_pack.tar contains scripts for installation and server components of our on-premise SED server.

Installation

Internet connectivity is assumed during installation phase. If you need to operate offline please see bottom section of this document [Offline scenarios](#) what to have before starting SED server installation.

1. Copy file 4.3.0_pack.tar to target server using scp
2. `scp 4.3.0_pack.tar some.user@192.168.0.100:~/`
3. Connect to the server over SSH
4. `ssh some.user@192.168.0.100`
5. Within the ssh session unpack the 4.3.0_pack.tar
6. `tar -xvf 4.3.0_pack.tar`
7. Within the ssh session run the installer
8. `./install-over-ssh.sh`
9. Password for current user will be requested in order to obtain elevated privileges
10. A successful installation shall end with SED splash screen with URLs at which you can continue with server installation.

```
OK: folder sed-server-wizard assigned to user sed.
OK: folder deploy/sed-server assigned to user sed.
OK: folder deploy/sed-target assigned to user sed.
OK: folder docker-images assigned to user sed.
Installing: Firewall rule for port 8080.
Rules updated
Rules updated (v6)
Rules updated
Rules updated (v6)
Firewall is active and enabled on system startup
/tmp/jalud
Installing: Message of the day.
Welcome to the SED Server!
Access the management console at:
> http://192.168.0.138:8080/
> http://172.17.0.1:8080/
Installing: /etc/issue.
10 * * * root /home/sed/sed-server-wizard/update-issue.sh > /etc/issue
cima@sed-server-installer-poc:/tmp/jalud$
```

Installation in web administration - continuation

Default login credentials to the web administration

user	password
sed	soundeventdetector

It is recommended to change sed's user password to more secure one e.g. by command `sudo passwd sed`

SED target installation

SEDTARGET is a virtualized Sound Event detector that runs on server and listens to audio from RTSP stream. Such stream can be captured from majority of IP cameras. Installing SEDTARGET on a server and providing it with URL to RTSP stream you effectively extend your camera with sound recognition.

SEDTARGET can be installed in multiple instances where each consumes individual stream. Simply said one instance for each camera.

To install SEDTarget on the server You:

1. Log in to web console as stated above.
2. Click the   add SED Target
3. For *Instance Identifier* fill in some displayname of your choice
4. In *Serial Number* You have to use the number provided to You with the licence during purchase.
5. Keep *Audio input* selected to *RTSP stream*
6. Paste a URL to *RTSP Stream URL* field.
7. Leave *Use local SED Server* unchecked
8. Click *Submit*
9. After some time the instance of virtualized SED will be installed and run.
10. Return to list of application by clicking  List Apps in the toolbar on the top of the console to see if SED target is listed and running.
11. From now on You can manage the SED instance in SED Control / SED Integrator.