

Seqrite  
Endpoint Protection

**SEQRITE**



## Universal Update Manager

EPP 8.3

[www.seqrite.com](http://www.seqrite.com)

## Copyright Information

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## Overview

Seqrite Universal Update Manager is a standalone tool that is used to download and manage the updates for different Seqrite products with different types of updates. It provides you the flexibility to download the updates on a single machine for Seqrite products. This tool can be deployed on any platform and provides the update functionality for the different endpoints.

## Audience

This guide is useful for the Seqrite Admin, SOC Managers, and Analysts who would be using the system.

# System Requirements for EPP and EDR Update Manager

## EPP Update Manager

### Server that supports up to 1 to 2000 endpoints

- Ubuntu 22.04
- Available Disk Space: 8 GBs or above
- Available RAM: 8 GBs or above
- Processor: 4 Core (x86-64), 2.60GHz or above

### Server that supports up to 15000 endpoints

- Ubuntu 22.04
- Available Disk Space: 8 GBs or above
- Available RAM: 16 GBs or above
- Processor: 8 Core (x86-64), 2.60GHz or above

### Server that supports up to 25000 endpoints

- Ubuntu 22.04
- Available Disk Space: 8 GBs or above
- Available RAM: 32 GBs or above
- Processor: 16 Core(x86-64), 2.60GHz or above

**Note:** Set server upper limit (ulimit) higher than the derived number of connections; recommended to be 100000.

## EDR Update Manager

| Supported Platforms                                                                                                                                                                                                                                                                             | CPU    | Memory | Disk  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------|
| <ul style="list-style-type: none"><li>• Linux Mint 19.2</li><li>• Linux Mint 20 64bit</li><li>• Ubuntu 22</li><li>• Ubuntu 20.04 64bit</li><li>• openSUSE 42.3, 15.2 64bit</li><li>• Red Hat Enterprise Linux 9.1</li><li>• BOSS 6 32bit</li><li>• BOSS 8 64bit</li><li>• Rocky Linux</li></ul> | 2 Core | 4 GB   | 50 GB |

## Installation Steps

1. Download Update Manager installer from the following location:

**EDR 2.0:**

<https://dlupdate.quickheal.com/builds/seqrite/cai/suum/installer/eng/openext/SUUMunix64.zip>

**EDR:**

<https://dlupdate.quickheal.com/builds/seqrite/cai/suum/installer/eng/SUUMunix64.zip>

**EPS 8.2:**

[https://dlupdate.quickheal.com/builds/seqrite/cai/suum/eps/1\\_1\\_0/eng/SUUMunix64.zip](https://dlupdate.quickheal.com/builds/seqrite/cai/suum/eps/1_1_0/eng/SUUMunix64.zip)

**EPS 8.3:**

[https://dlupdate.quickheal.com/builds/seqrite/cai/suum/eps/1\\_2\\_0/eng/SUUMunix64.zip](https://dlupdate.quickheal.com/builds/seqrite/cai/suum/eps/1_2_0/eng/SUUMunix64.zip)

2. Follow these steps to install the Update Manager.
  1. Put UM installer SUUM\_unix\_amd64.sh and **suumconfig.dat** together.
  2. Check **SUUM\_unix\_amd64.sh** permissions for execution.
  3. Use the command **sudo ./SUUM\_unix\_amd64.sh** to install Update Manager.

The installation paths is: /usr/lib/Seqrite/UpdateManager/.

**Note:** On some of RHEL, CentOS, Scientific Linux, Rocky Linux and Alma Linux systems SELinux is in enforcing mode. For Update Manager installation we need to change it to permissive mode using the command.

## Post Installation Steps

1. Check if the Update Manager server(umservice) is responding on the default configured port (18081) with the below mentioned command:

```
sudo lsof -i:18081 | grep LISTEN
```

2. If not, Please re-configure a new free port using below mentioned Update Manager command:

```
./umcli service-config --action=set --serverPort=<new_port>
```

## Uninstallation Steps

Follow these steps to uninstall the Update Manager.

1. Navigate to installation directory.
2. Run **sudo ./uninstall**.

## Configuration (suumconfig.json)

*(Note that these configurations are converted into a dat file and then is consumed by the Update Manager.)*

```
{
  "tenantID": "1sWTAn",
  "packageID": "",
  "locale": "en",
  "brandName": "Seqrite",
  "installationPath": "/usr/lib/",
  "updateProxyURL": "http://<USERNAME>:<PASSWORD>@<IP>:<PORT>",
  "fileServerPort": "18081",
  "socketPort": "45835",
  "downloadRLkpbs": 4096,
  "products": {
    "EDR": {
      "updates": {
        "prdUpdate": {
          "downloadMode": 1,
          "downloadresume": true,
          "inetimeout_sec": 1000,
          "urllist": ["http://172.18.38.39:8080/"],
          "ScheduleTime": ""
        }
      }
    }
  },
  "EPS": {
    "updates": {
      "quickup": {
        "downloadMode": 0,

```

```

        "downloadresume": true,
        "inetimeout_sec": 1000,
        "urllist": [],
        "ScheduleTime": ""
    }
}
}
}
}
}

```

**Note:** Here are the download mode options:

- 0 - Download from internet,
- 1 - alternative url,
- 2 - local path

## UM Service Commands

`sudo ./umservice -service [OPTION]`

OPTION: [install, uninstall, start, stop, restart]

### Command Line Interface (umcli)

This is command line interface which is used to send OnDemand action to UM service to perform multiple operations as given follow:

Usage: `/umcli [OPTIONS]`

**Note:** You need sudo privileges to execute this command.

Options are:

|   | Command              | Action                          | Description                                           | Example                                               |
|---|----------------------|---------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| 1 | <b>update-now</b>    | <b>--prdid</b> = <Product Name> | Perform an immediate update on the specified product. | <b><code>./umcli update-now --prdid=EDR</code></b>    |
| 2 | <b>cancel-update</b> | <b>--prdid</b> = <Product Name> | Cancel an ongoing update for the specified product.   | <b><code>./umcli cancel-update --prdid=EDR</code></b> |

|    |                        |                                                                                                                |                                                                                                                                                                                                                                                                             |                                                                                                                                                          |
|----|------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3  | <b>service-config</b>  | <b>--action=get</b>                                                                                            | Get current configuration for Update Manager.                                                                                                                                                                                                                               | <b>./umcli service-config --action=get</b>                                                                                                               |
| 4  | <b>service-config</b>  | <b>--action=set --proxy=&lt;proxyurl&gt; --serverPort=&lt;port&gt; --download-rate=&lt;inkbps&gt;</b>          | Set Update Manager service parameters (proxy, serverPort, download rate). Given parameters are not compulsory.                                                                                                                                                              | <b>./umcli service-config --action=set --proxy="http://&lt;USERNAME&gt;:&lt;PASSWORD&gt;@&lt;IP&gt;:&lt;PORT&gt;" serverPort=8085 download-rate=1000</b> |
| 5  | <b>product-config</b>  | <b>--action=getall</b>                                                                                         | Retrieve configuration for all products                                                                                                                                                                                                                                     | <b>./umcli product-config --action=getall</b>                                                                                                            |
| 6  | <b>product-config</b>  | <b>--action=add --prdid=&lt;product-name&gt; --file=&lt;input.json&gt;</b>                                     | Add a new product configuration.<br><br>Keep <b>input.json</b> into install dir with given format:<br><pre>{   "updates":{     "quickup" :{  "downloadMode": 0,  "downloadresume": true,  "inetimeout_sec": 10000,     "urllist": [],  "ScheduleTime": ""     }   } }</pre> | <b>./umcli product-config --action=add --prdid=EDR --file=input.json</b>                                                                                 |
| 7  | <b>product-config</b>  | <b>--action=remove --prdid=&lt;product-name&gt; --updatetype=&lt;update-type&gt;</b>                           | Remove configuration of update type for the given product.                                                                                                                                                                                                                  | <b>./umcli product-config --action=remove --prdid=EDR --updatetype=quickup</b>                                                                           |
| 8  | <b>rollback-update</b> | <b>--prdid=&lt;Product Name&gt;</b>                                                                            | Rollback a previously applied update for the specified product.                                                                                                                                                                                                             | <b>./umcli rollback-update --prdid=EDR</b>                                                                                                               |
| 9  | <b>get-status</b>      | <b>--prdid=&lt;Product Name&gt;</b>                                                                            | Retrieve the status of the specified product.                                                                                                                                                                                                                               | <b>./umcli get-status --prdid=EDR</b>                                                                                                                    |
| 10 | <b>update-schedule</b> | <b>--prdid=&lt;product-name&gt; --updatetype=&lt;update-type&gt; --schtime=&lt;schedule in cron format&gt;</b> | Schedule an update for the specified product.                                                                                                                                                                                                                               | <b>./umcli update-schedule --prdid=EDR --updatetype=prdUpdate --schtime="*/4 * * *"</b>                                                                  |
| 11 | <b>update-schedule</b> | <b>--prdid=&lt;product-name&gt; --updatetype=&lt;update-type&gt; --schtime=""</b>                              | Delete schedule for given update type of product.                                                                                                                                                                                                                           | <b>./umcli update-schedule --prdid=EDR --updatetype=prdUpdate --schtime=""</b>                                                                           |

|    |                       |                                                                              |                                                                        |                                                                                                                    |
|----|-----------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 12 | <b>get-reports</b>    | <b>--prdid=</b> <product-name> <b>--updatetype=</b> <update-type>            | Retrieve and update reports for the specified product and update type. | <b>./umcli get-reports --prdid=EDR --updatetype=prdUpdate</b>                                                      |
| 13 | <b>save-report</b>    | <b>--srcfile=</b> <report filename> <b>--destfile=</b> <full-path-with-name> | Save an updated report.                                                | <b>./umcli save-report --srcfile=SHHprdUpdate2024-02-17T11-00-55.354.rpt --destfile= &lt;tmp file location&gt;</b> |
| 14 | <b>display-report</b> | <b>--file=</b> <report filename>                                             | Display a saved update report.                                         | <b>./umcli. display-report: --file= &lt;= &lt;tmp file location&gt;</b>                                            |

## SUUM File Server

This is a local file server to host downloaded updates by Update Manager.

File server will deploy on same machine on UM service start and map to the file-server directory inside installation folder.

Port for this server is provided at the following location:

- suumconfig.dat : `http://<IP/host>:18081/file-server`

To create directory structure for multiproduct updates on File Server follow below template:

### *Installation Directory*

```
└─ file-server
    └─ EDR
        │ └─ prdUpdate
        │ │ └─ checksum.json
        │ │ └─ master.bin
        │ └─ updateType2
    └─ EPS
        └─ quickup
└─ 1800
└─ Build
```

*Note: For EPS above hierarchy is by default available.*