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Getting started



[EPPM] EPPM Installation Guide

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1. Overview

- This article describes the overall procedure for installing EPPM (Endpoint Protection Platform Management) on the prepared Linux server.
- The content of this article is based on the following versions.
OS: Rocky 8.6
EPPM: 1.0.16.16 (Build 7515)
- Please refer to the following link for OS installation guide.
[\[OS\] EPPM/EDRM Deployment Operating System \(Linux\) Installation Guide](#)

2. Table of Contents

- Install Required Packages for EPPM
- Install EPPM RPM
- Set Up EPP CLI

3. Install Required Packages for EPPM

※ This is the required step which sets up the required packages before installing EPPM.

※ The code blocks below are the same as the messages displayed on the terminal.

3-1) Prepare OS Installation File

- Requires the same version files (Use the FULL version containing all packages) as the prepared OS (CD or ISO).
- For version 7.x, the name of the file containing all packages contains 'Everything'.
- For version 8.x, the name of the file containing all packages contains 'dvd'.

3-2) Mount Image

- Create /cdrom path.

```
[root@localhost ~]# mkdir /cdrom
```

- Mount ISO file. (Provided that the ISO file to be used is located in the /tmp/ISO path)

```
[root@localhost ~]# mount -o loop /tmp/ISO/Rocky-8.6-x86_64-dvd1.iso /cdrom
mount: /cdrom: WARNING: device write-protected, mounted read-only.
```

- If the mount is completed successfully, confirm the files in the /cdrom path as shown below.

```
[root@localhost ~]# ll /cdrom
total 14
dr-xr-xr-x. 4 root root 2048 May 16 2022 AppStream
dr-xr-xr-x. 4 root root 2048 May 16 2022 BaseOS
dr-xr-xr-x. 3 root root 2048 May 16 2022 EFI
-r--r--r--. 1 root root 2204 May 30 2022 LICENSE
-r--r--r--. 1 root root 883 May 16 2022 TRANS.TBL
dr-xr-xr-x. 3 root root 2048 May 16 2022 images
dr-xr-xr-x. 2 root root 2048 May 16 2022 isolinux
-r--r--r--. 1 root root 86 May 16 2022 media.repo
```

3-3) Upload the EPPM Installation File, 'epp_installer.tar', to the Server and Unzip

- Upload the installation file (epp_installer.tar) to the /root path.
- Use the tar command to unzip the installation file.

```
[root@localhost ~]# tar xvf /root/epp_installer.tar
epp_installer-1.0.16-7515.el8.x86_64.rpm
eppinstall_r5.sh
install_os_package.sh
local.repo
```

3-4) Install OS Packages

- Run 'install_os_package.sh' from the extracted files.

```
[root@localhost ~]# ./install_os_package.sh
Local_BaseOS 84 MB/s | 2.6 MB 00:00
Local_AppStream 111 MB/s | 7.8 MB 00:00
Package rsyslog-8.2102.0-7.el8.x86_64 is already installed.
Package libevent-2.1.8-5.el8.x86_64 is already installed.
Package psmisc-23.1-5.el8.x86_64 is already installed.
...
Install 115 Packages
Total size: 78 M
Installed size: 241 M
Is this ok [y/N]:
```

- Enter 'y'.

```
Is this ok [y/N]: y
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
...
telnet-1:0.17-76.el8.x86_64 timedatex-0.5-3.el8.x86_64
tree-1.7.0-15.el8.x86_64 unixODBC-2.3.7-1.el8.x86_64
unzip-6.0-46.el8.x86_64 vim-common-2:8.0.1763-16.el8_5.13.x86_64
vim-enhanced-2:8.0.1763-16.el8_5.13.x86_64 vim-filesystem-2:8.0.1763-
16.el8_5.13.noarch
vsftpd-3.0.3-35.el8.x86_64 wget-1.19.5-10.el8.x86_64
zip-3.0-23.el8.x86_64
Complete!
```

4. Install EPPM RPM

- Run EPPM installation script.

```
[root@localhost ~]# /root/eppinstall_r5.sh
-----
Tool provides the following three action for EPP Server
[ INSTALL | UPDATE | PERFECT_REMOVE | RETRY_UPDATE ]
-----
Enter the action :
```

- After entering 'INSTALL', enter the settings values. (Enter 'no' for cli setting and then edit in 4-2.)

```
Enter the action : INSTALL
```

```
< Input the value >
```

```
-----
[ip] [buildnum] [cli autoset yes:no] [reinstall yes:no]
192.168.56.256 7515 no no
```

- Confirm the entered settings values and then enter 'y'. (Make sure to check the Time zone.)

```
-----
> IP : [ 192.168.56.256 ]
> Buildnum : [ 7515 ]
> Cli autoset : [ yes ]
> Reinstall : [ no ]
> Time zone : [ Asia/Seoul (KST, +0900) ]
-----
----- Continue to install?(y/n)y
Verifying... ##### [100%]
Preparing... ##### [100%]
Updating / installing...
1:epp_installer-1.0.16.16-7515.el8 ##### [100%]
13 files removed
AhnLab EPP 22 MB/s | 253 kB 00:00
Dependencies resolved.
...
```

- The installation is successfully completed if the messages as shown below appears.

```
Installed:
compat-lua-libs-5.1.5-15.el8.x86_64 epp_amazon_corretto-17.0.8.8.1-1.x86_64
epp_batch_processor-1.0.16.16-7515.x86_64
epp_cluster_manager-1.0.16.16-7515.x86_64 epp_common-1.0.16.16-7515.x86_64
epp_correlation-1.0.16.16-7515.x86_64
epp_eppcmd-1.0.16.16-7515.x86_64 epp_kafka-3.5.1-2.x86_64 epp_kafka_consumer-
1.0.16.16-7515.x86_64
epp_pg-1.0.16.16-7515.x86_64 epp_report_processor-1.0.16.16-7515.x86_64
epp_scheduler-1.0.16.16-7515.x86_64
epp_syslog-1.0.16.16-7515.x86_64 epp_tomcat_agent-1.0.16.16-7515.x86_64
epp_tomcat_auth-1.0.16.16-7515.x86_64
...

Complete!
```

5. Set Up EPP CLI

※ The code blocks below are the same as the messages displayed on the terminal.

- Executable File: /opt/ahnlabs/epp/bin/eppcli

```
[root@localhost ~]# /opt/ahnlabs/epp/bin/eppcli
```

- Create eppcli account. (e.g.: Create an account with User ID 'eppcli256')

```
create cli account
enter user id :eppcli256
Do you want to add new account (eppcli206) ? [Yes|No] : Yes
Changing password for user eppcli256.
New password:<Input Required>
Retype new password:<Input Required>
passwd: all authentication tokens updated successfully.
You must reconnect with the new admin
It will disconnect after 3 seconds
```

- Re-run eppcli and then set the site auth key.

```
[root@localhost ~]# /opt/ahnlabs/epp/bin/eppcli
[SITE_AUTH_KEY] change site auth key : [(A)uto/(M)anual] M
[SITE_AUTH_KEY] enter site auth key : <Input Required>
[SITE_AUTH_KEY] retype site auth key : <Input Required>
```

- Set up a web console port and a server key.

```
input master ip :192.158.56.256
[CONSOLE] current console port [8806]
[CONSOLE] use current console port [Yes|No]:Yes
[LBCONSOLE] current load balance console port [8803]
[LBCONSOLE] use current load balance console port [Yes|No]:Yes
[SERVER_KEY] enter server key : <Input Required>
[SERVER_KEY] retype server key : <Input Required>
```

- Set up the epprdb (PostgreSQL) account.

```
[EPPRDB] Do you want to auto create epprdb user? [Yes|No] :No
[EPPRDB] enter epprdb user :epprdb256
[EPPRDB] Do you want to change epprdb user : (epprdb256) ? [Yes|No] : Yes
[EPPRDB] enter epprdb password : <Input Required>
[EPPRDB] retype epprdb password : <Input Required>
Success change
```

- Set up the NoSQL shard admin (MongoDB) account.

```
[NOSQL] Do you want to auto create nosql shard admin user? [Yes|No] :no
[NOSQL] enter nosql shard admin user :shardadmin126
[NOSQL] Do you want to change nosql shard admin user : (shardadmin124) ? [Yes|No]
```

```
: yes
[NOSQL] enter nosql shard admin password : <Input Required>
[NOSQL] retype nosql shard admin password : <Input Required>
Success change
```

- Set up the nosql admin (MongoDB) account.

```
[NOSQL] Do you want to auto create nosql admin user? [Yes|No] :no
[NOSQL] enter nosql admin user :nosqladmin126
[NOSQL] Do you want to change nosql admin user : (nosqladmin124) ? [Yes|No] : yes
[NOSQL] enter nosql admin password : <Input Required>
[NOSQL] retype nosql admin password : <Input Required>
Success change
```

- Set up the nosql user (MongoDB) account.

```
[NOSQL] Do you want to auto create nosql user? [Yes|No] :no
[NOSQL] enter nosql user :nosqluser126
[NOSQL] Do you want to change nosql user : (nosqluser124) ? [Yes|No] : yes
[NOSQL] enter nosql password : <Input Required>
[NOSQL] retype nosql password : <Input Required>
Success change
```

- Set up the cached (Redis) password

```
[CACHED] Do you want to auto create cached password? [Yes|No] :no
[CACHED] enter cached password : <Input Required>
[CACHED] retype cached password : <Input Required>
Success change
```

- Complete the settings and then connect to the web.

```
[Connect Web URL]
https://192.168.56.256:8803
Confirm [Enter] <Enter Key Input Required>
```

- You need to deliver the set username and password to the client for safekeeping.

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