



eMudhra emBridge Linux(RedHat) Installation Guide



Copyright

Copyright © eMudhra Limited. All rights reserved. The information in this document is intended for the use of eMudhra customers only for the purposes of the agreement under which the document is submitted, and no part of it may be reproduced or transmitted in any form or means without the prior written permission of eMudhra. The document has been prepared to be used by professional and properly trained personnel, and the customer assumes full responsibility when using it.

This document and the product it describes are considered protected by copyright according to the applicable laws.

Disclaimer

The information or statements given in this document concerning the suitability, capacity, or performance of the mentioned hardware or software products cannot be considered binding but shall be defined in the agreement made between eMudhra and the customer. However, eMudhra has made all reasonable efforts to ensure that the instructions contained in the document are adequate and free of material errors and omissions. eMudhra will, if necessary, explain issues, which may not be covered by the document.

Feedback

eMudhra welcomes customer comments as a part of the process of continuous development and improvement of the documentation.

Trademarks and Registered Trademarks

Products and product names mentioned in this document may be trademarks or registered trademarks of their individual proprietors.

Published by

eMudhra

www.emudhra.com | info@emudhra.com



Table of Contents

1. Overview	1
2. Installation Prerequisites.....	2
3. Installation Procedure	3
4. Testing the Installation	4

1. Overview

emBridge is a client tool for certificate management being used in most of the popular desktop operating systems. It exposes several REST API's to use certificates from a client system to various browsers/client application integrations.

This document provides a high-level overview of the steps involved in installing emBridge for Linux operating system.





2. Installation Prerequisites

This document intends that the following prerequisites are available:

- emBridge installed in local client system and running.
- Below Table 1 gives list of supporting Linux OS, versions and architecture.

OS	Version	Architectures
Red Hat Enterprise Linux	6	x64
Red Hat Enterprise Linux CentOS Oracle Linux	7	x64
Fedora	27	x64

Table 1



3. Installation Procedure

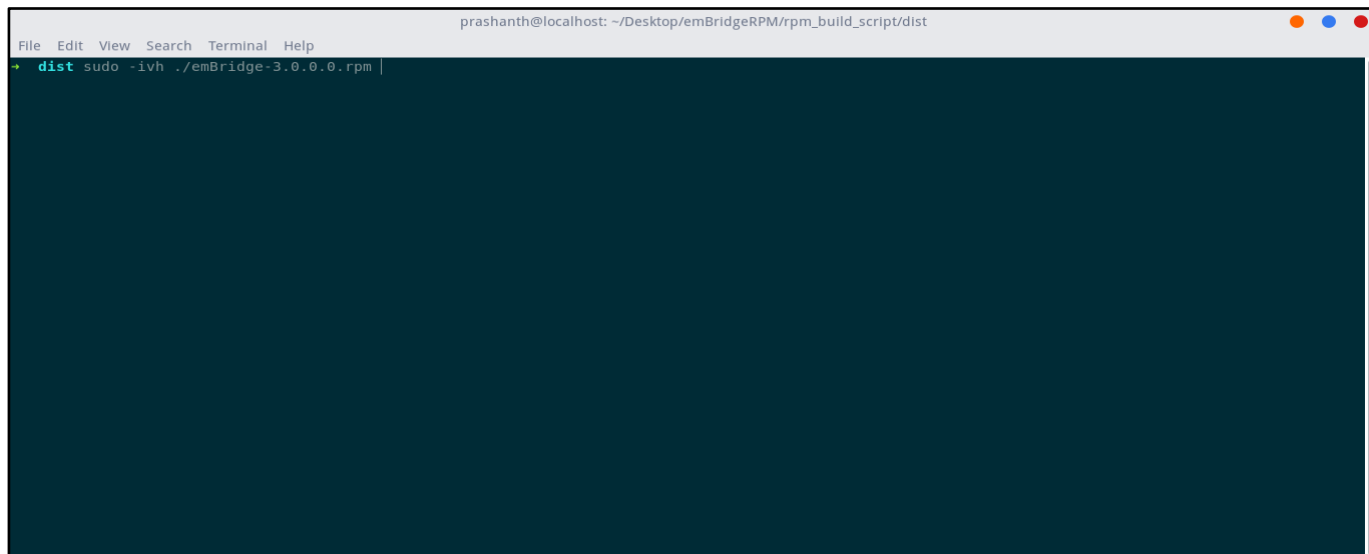
Here is a step by step guide on how to install emBridge in Linux OS (RedHat).

Installation through terminal commands.

Step 1: Download the emBridge.rpm from <https://embridge.emudhra.com/>

Note: Install emBridge with admin rights in a system.

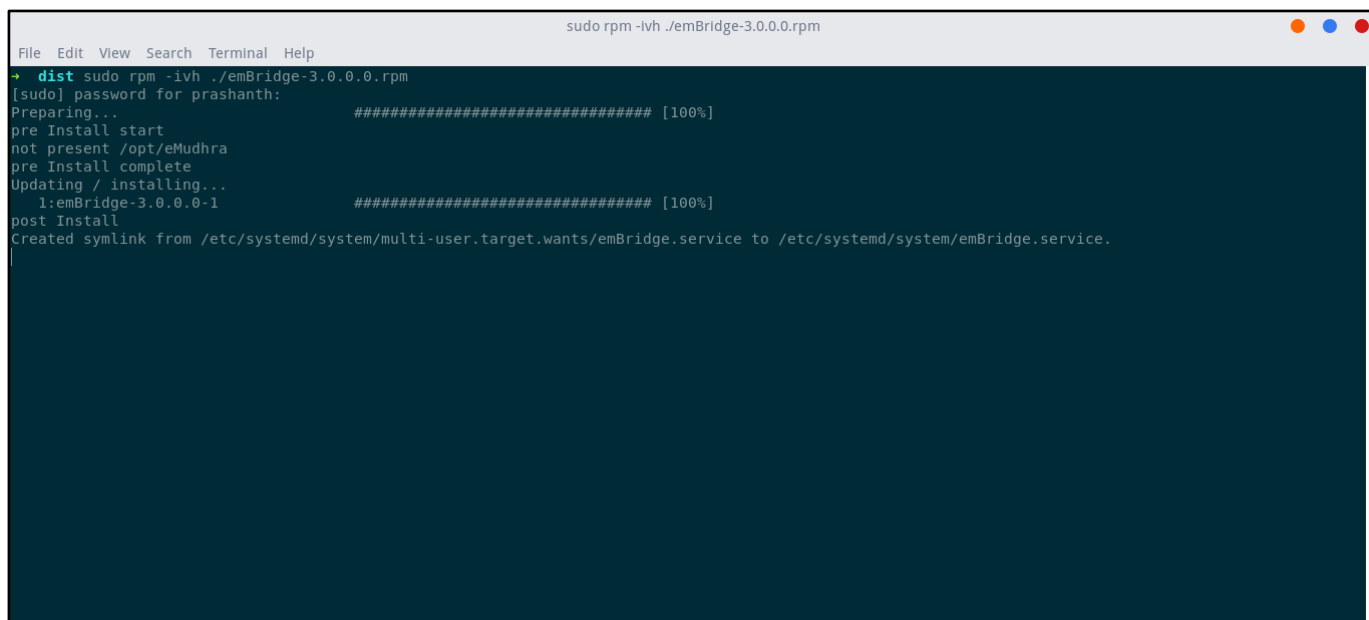
Step 2: Type “\$ **sudo -ivh {path}/emBridge.rpm**” command in terminal as shown in figure 1 and press “**Enter**” button on keyboard.



```
prashanth@localhost: ~/Desktop/emBridgeRPM/rpm_build_script/dist
File Edit View Search Terminal Help
+ dist sudo -ivh ./emBridge-3.0.0.0.rpm
```

Figure 1

Step 3: Type the system “**Password**” as shown in figure 2 and press “**enter**” button.



```
sudo rpm -ivh ./emBridge-3.0.0.0.rpm
File Edit View Search Terminal Help
+ dist sudo rpm -ivh ./emBridge-3.0.0.0.rpm
[sudo] password for prashanth:
Preparing... ##### [100%]
pre Install start
not present /opt/emudhra
pre Install complete
Updating / installing...
 1:emBridge-3.0.0.0-1 ##### [100%]
post Install
Created symlink from /etc/systemd/system/multi-user.target.wants/emBridge.service to /etc/systemd/system/emBridge.service.
```

Figure 2

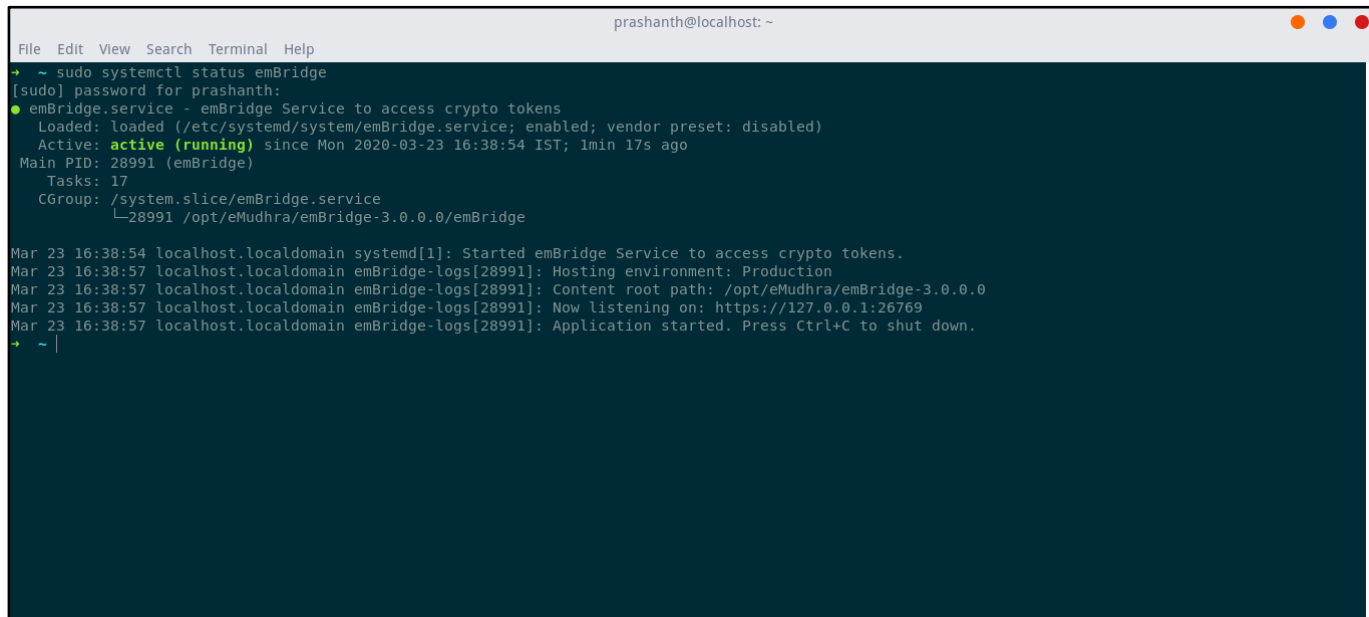
Step 4: After installing finished close the terminal and check emBridge status.



4. Testing the Installation

After successful installation of the software, can test the installation as mentioned below:

1. Open terminal as shown in Figure 3, write the commands as mentioned in Table 2 and give system “**Password**” to start/stop/restart and to check the status of the emBridge services.



```
prashanth@localhost: ~
File Edit View Search Terminal Help
~ sudo systemctl status emBridge
[sudo] password for prashanth:
● emBridge.service - emBridge Service to access crypto tokens
   Loaded: loaded (/etc/systemd/system/emBridge.service; enabled; vendor preset: disabled)
   Active: active (running) since Mon 2020-03-23 16:38:54 IST; 1min 17s ago
     Main PID: 28991 (emBridge)
        Tasks: 17
      CGroup: /system.slice/emBridge.service
              └─28991 /opt/emudhra/emBridge-3.0.0.0/emBridge

Mar 23 16:38:54 localhost.localdomain systemd[1]: Started emBridge Service to access crypto tokens.
Mar 23 16:38:57 localhost.localdomain emBridge-logs[28991]: Hosting environment: Production
Mar 23 16:38:57 localhost.localdomain emBridge-logs[28991]: Content root path: /opt/emudhra/emBridge-3.0.0.0
Mar 23 16:38:57 localhost.localdomain emBridge-logs[28991]: Now listening on: https://127.0.0.1:26769
Mar 23 16:38:57 localhost.localdomain emBridge-logs[28991]: Application started. Press Ctrl+C to shut down.
~
```

Figure 3

emBridge Services	Commands
Start	sudo systemctl start emBridge
Stop	sudo systemctl stop emBridge
Restart	sudo systemctl restart emBridge
Status	sudo systemctl status emBridge

Table 2