

Lost Stolen Move Blacklist Module

Equipment Identity Registration System

Installation Guide

Version-1.0.0

**Revision history**

| **Revision** | **Date** | **Description** |
| --- | --- | --- |
| A |  | Initial release |

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# Introduction

## Purpose & Scope

This document provides:

Instructions for installation, configuration and verification of Lost Stolen Move Blacklist Module of EIRS system

## Definitions, Acronyms & Abbreviations

**Table - Definitions, Acronyms & Abbreviations**

| Term | Explanation |
| --- | --- |
| EIRS | Equipment Identity Registration System |
| OS | Operating System |
| Nginx | An open source, lightweight, high-performance web server or proxy server. |
| Apache | An open source web server |
| API | Application Program Interface |
| Gateway | A Gateway route requests from clients to services |
|  |  |
|  |  |

## References

**Table - References**

| Ref no. | Document |
| --- | --- |
|  |  |

## Getting Started

The instructions provided in this document assumes that the required equipment (third party hardware and software) has been installed and configured.

Software modules often depend on other modules to be installed to run properly. From other applications to databases, frameworks, and run-time environments, it is the installer's job to make sure that the right versions are present before the main application is ready to run.

The person performing the steps should be proficient in Linux platform.

# Installation

This section covers the installation steps for the EIRS Lost Stolen Move Blacklist module

## System Requirements

This section covers the requirement to install the EIRS Lost Stolen Move Blacklist module

### Software Requirements

* bash
* mySQL
* curl
* java

### Hardware Requirement

Minimum hardware requirements are:

* At least 2 GB of RAM
* At least 10G of disk space

### Operating System

This system will be installed and configured with Redhat 9.2. Refer to the Redhat installation guide for additional installation help.

### Supported Desktop Browsers

* None

### Supported Mobile Browsers

* None

### Dependency on other modules

Follow the step given in Detailed document:

* DB tables.
* Do configuration as Per Design Document

### Other Requirement

**Bash:**

Bash is the default shell for most Linux distributions. You can check its version by running:

bash --version

Can also confirm that you're using Bash by running:

echo $SHELL

If it's set to /bin/bash, means system is using Bash.

**# Add these environment variables inside .bash\_profile**

export commonConfigurationFile=/u01/eirsapp/configuration/configuration.properties

export APP\_HOME=/u01/eirsapp

export DATA\_HOME=/u02/eirsdata

export LOG\_HOME=/u03/eirslog

export RELEASE\_HOME=/u02/eirs\_release

export RELEASE\_PATH=/u02/eirsdata/release

**MySQL**:

Open a terminal and run the following command to check if MySQL is installed and running:

mysql --version

If MySQL is installed, will see the version information.

Also try connecting to the MySQL server using:

mysql -u username -p

Replace username with a valid MySQL user. If command allows log in without errors, MySQL is functioning.

**CURL:**

Open a terminal and Run the following command to check if curl is installed:

curl --version

If CURL is installed, will see the version information.

**JAVA:**

Open a terminal and Run the following command to check if java is installed:

java --version

If JAVA is installed, will see the version information.

If any of the pre-requisites is not met, abort the installation and raise the issue to the concerned team.

## Extracting Software Release

The lost\_stolen\_move\_blacklist Module release is distributed as a tar.gz file.

All software release version tar file will be maintained in release folder \u02\eirsdata\release to be available on the DMC ftp server \\172.24.11.10\Mango-TS\5\_Technovage (TS)\Release Management\EIRS-Phase-2\lost\_stolen\_module\lost\_stolen\_move\_blacklist\1.0.0\” folder.

To extract the contents of the distribution, untar the lost\_stolen\_move\_blacklist module release:

 Below Steps to be executed on deployment server.

* Create directory /lost\_stolen\_module/lost\_stolen\_move\_blacklist/1.0.0 under release path

       mkdir -p $RELEASE\_PATH/lost\_stolen\_module/lost\_stolen\_move\_blacklist/1.0.0

* Download below mentioned files from ftp server location “\\172.24.11.10\Mango-TS\5\_Technovage (TS)\Release Management\EIRS-Phase-2\lost\_stolen\_module\lost\_stolen\_move\_blacklist\1.0.0\” to $RELEASE\_PATH/lost\_stolen\_module/lost\_stolen\_move\_blacklist/1.0.0

File-1: lost\_stolen\_move\_blacklist\_module\_1.0.0.tar.gz

File-2: lost\_stolen\_move\_blacklist\_module\_install.sh

## Manual Installation

Follow the steps below to install the release manually.

1. **Go to path where the EIRS lost\_stolen\_move\_blacklist release is copied.**

  cd  $RELEASE\_PATH/lost\_stolen\_module/lost\_stolen\_move\_blacklist/1.0.0

1. **Execute the command below to provide execution permission to script.**

2.1 Converting sh file from window format to linux format.

sed -i 's/\r//' lost\_stolen\_move\_blacklist\_module\_install.sh

2.2 Grant execute permission to SH files.

  chmod +x lost\_stolen\_move\_blacklist\_module\_install.sh

1. **Execute the command below to install the lost\_stolen\_module module.**

./lost\_stolen\_move\_blacklist\_module\_install.sh lost\_stolen\_move\_blacklist 1.0.0 lost\_stolen\_move\_blacklist\_module\_1.0.0lost\_stolen\_module

1. Create below directory for logs

mkdir -p ${LOG\_HOME}/lost\_stolen\_module/lost\_stolen\_move\_blacklist

1. **# Feature name in below application.properties file should be match with DB install queries feature\_name written inside DB Script for this module**

${APP\_HOME}/lost\_stolen\_module/lost\_stolen\_move\_blacklist/application.properties

feature-name=lost\_stolen\_move\_blacklist

1. **Please check Content of directory will be placed in**

ls -ltr ${APP\_HOME}/lost\_stolen\_module/lost\_stolen\_move\_blacklist

below listed content should be there.

lost\_stolen\_move\_blacklist.jar -> /u02/eirs\_release/binary/lost\_stolen\_move\_blacklist\_1.0.0.jar

start.sh

application.properties

log4j2.xml -> /u02/eirs\_release/global\_config/log4j2.xml

If any of the commands fails, abort the installation and raise the issue to the concerned team.

## Configuration

## To configure lost\_stolen\_move\_blacklist Module, add below listed parameter

**# Update below configuration parameters in ${APP\_HOME}/configuration/configuration.properties**

dbIp=<DB-HOSTNAME>

dbPort=<DB-PORT>

dbUsername=<DB-USERNAME>

db\_url=jdbc:mysql://<DB-HOSTNAME>/app

virtualIp=<VIRTUAL-HOSTNAME>

dbEncyptPassword=<DB-ENCRYPTED-PASSWORD>

spring.datasource.url=jdbc:mysql://<DB-HOSTNAME>:<DB-PORT>/app?serverTimezone=UTC&verifyServerCertificate=false&useSSL=false&requireSSL=false&allowPublicKeyRetrieval=true&allowLoadLocalInfile=true

spring.datasource.jdbc-url=jdbc:mysql://<DB-HOSTNAME>:<DB-PORT>/app?serverTimezone=UTC&verifyServerCertificate=false&useSSL=false&requireSSL=false&requireSSL=false&allowPublicKeyRetrieval=true&allowLoadLocalInfile=true

spring.datasource.username=<DB-USERNAME>

spring.datasource.password=ENC(<DB-ENCRYPTED-PASSWORD>)

audit.datasource.jdbc-url=jdbc:mysql://<DB-HOSTNAME>:<DB-PORT>/aud?serverTimezone=UTC&verifyServerCertificate=false&useSSL=false&requireSSL=false

audit.datasource.url=jdbc:mysql://<DB-HOSTNAME>:<DB-PORT>/aud?serverTimezone=UTC&verifyServerCertificate=false&useSSL=false&requireSSL=false&requireSSL=false&allowPublicKeyRetrieval=true

audit.datasource.username=<DB-USERNAME>

audit.datasource.password=ENC(<DB-ENCRYPTED-PASSWORD>)

oam.datasource.url=jdbc:mysql://<DB-HOSTNAME>:<DB-PORT>/oam?serverTimezone=UTC&verifyServerCertificate=false&useSSL=false&requireSSL=false&allowPublicKeyRetrieval=true

oam.datasource.jdbc-url=jdbc:mysql://<DB-HOSTNAME>:<DB-PORT>/oam?serverTimezone=UTC&verifyServerCertificate=false&useSSL=false&requireSSL=false&requireSSL=false&allowPublicKeyRetrieval=true

oam.datasource.username=<DB-USERNAME>

oam.datasource.password=ENC(<DB-ENCRYPTED-PASSWORD>)

report.datasource.url=jdbc:mysql://<DB-HOSTNAME>:<DB-PORT>/rep?serverTimezone=UTC&verifyServerCertificate=false&useSSL=false&requireSSL=false&allowPublicKeyRetrieval=true

report.datasource.jdbc-url=jdbc:mysql://<DB-HOSTNAME>:<DB-PORT>/rep?serverTimezone=UTC&verifyServerCertificate=false&useSSL=false&requireSSL=false&requireSSL=false&allowPublicKeyRetrieval=true

report.datasource.username=<DB-USERNAME>

report.datasource.password=ENC(<DB-ENCRYPTED-PASSWORD>)

eirs.notification.url=http://<APP-VIRTUAL-HOSTNAME>:9509/eirs/addNotifications

eirs.alert.url=http://<APP-VIRTUAL-HOSTNAME>:9509/eirs/alert

eirs.filecopy.url=http://<APP-VIRTUAL-HOSTNAME>:9509/eirs/fileCopyApi

# Run the Software

lost\_stolen\_move\_blacklist software release will be deployed in the folder below

cd ${APP\_HOME}/lost\_stolen\_module/lost\_stolen\_move\_blacklist

**to run the script execute below command:**

**./start.sh**

# Testing

To verify if the system is working as required, executes the sanity test cases.

**Testing steps:**

# Uninstalling the module / Rollback

1.This is first time configuration so no need to remove module software.

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