|  |
| --- |
| [Company name] |
| FindOn Deployment Description |
| [Document subtitle] |

|  |
| --- |
|  |

Contents

[1. Document overview 2](#_Toc414786838)

[1.1. Introduction 2](#_Toc414786839)

[1.2. Document purpose 2](#_Toc414786840)

[1.3. Audience 2](#_Toc414786841)

[1. Server pre-requisites 3](#_Toc414786842)

[2.1. Introduction 3](#_Toc414786845)

[2.2. Details 3](#_Toc414786846)

[3. Deployment steps 4](#_Toc414786847)

[3.1 Introduction 4](#_Toc414786851)

[3.2 Steps 4](#_Toc414786856)

[3.2.1 Deploy database script 4](#_Toc414786857)

[3.2.2 Upload working folder 4](#_Toc414786858)

[3.2.3 Configure database credentials 4](#_Toc414786859)

[3.2.4 Configure application settings 4](#_Toc414786860)

[3.2.5 Configure log4j path 4](#_Toc414786861)

[3.2.6 Export war file 4](#_Toc414786862)

[3.2.7 Deploy application 4](#_Toc414786863)

[3.2.8 Register admin user 4](#_Toc414786864)

[3.3 Deployment check list 4](#_Toc414786865)

[4 Business Requirements Sign off 5](#_Toc414786866)

# Document overview

## Introduction

As Edex owns FindOn application and the complementary product Edexer. Edex operation team has the responsibility to deploy the application on customer servers and guarantee successful deployment with all features up and running.

## Document purpose

* Define deployment pre-requisites
* Define deployment steps

## Audience

* Edexer operation team

# Server pre-requisites



## Introduction

This section mentions the software and applications required to be installed on the system before deploying FindOn

## Details

The following table mentions the required software

|  |  |
| --- | --- |
| MySQL server 5.6 | The database server for FindOn |
| JDK 1.7 or above | Java development kit |
| Apache Tomcat server v8 | The application server for hosting FindOn |
| Log4j 1.2.17 | The logging framework for FindOn. Please refer to <http://www.tutorialspoint.com/log4j/log4j_installation.htm> |

# Deployment steps



## Introduction

This section includes the deployment steps given that all system requirements are fulfilled.



## Steps

### Deploy database script

Deploy the database creation script “deployment srcipt.sql”.

*Note: If there is an update on database just run the incremental script only*

### Upload working folder

The working directory is where the application uploads file or keep some important resources. Upload the folder “BcFiles” to a path where application user on system can read and write

### Configure database credentials

Configure the database username and password in the application in files:

* applicationContext.xml
* hibernate.cfg.xml

### Configure application settings

All the application settings are in file “settings.properties”. The settings include defining the working directory, setting application name, and configuring email server. Be sure all settings are valid.

### Configure log4j path

Log4j path is to be configured to the output directory. All log4j settings are in “log4j.properties”

### Export war file

Export the war file from development environment

### Deploy application

Deploy the war file and start the tom cat

### Register admin user

Register the first user on system, then update “roleid” field in database to be admin

## Deployment check list

|  |  |  |
| --- | --- | --- |
| System | MySQL5.6 running |  |
| JDK installed |  |
| Apache Tomcat deployed |  |
| Log4j installed |  |
| Deployment Steps | Deploy/update DB script |  |
| Upload “BcFiles” |  |
| Configure DB credentials in code |  |
| Configure settings.propetries |  |
| Configure log4j.settings |  |
| Export war file |  |
| Start tomcat with war |  |
| Create admin user |  |

# Business Requirements Sign off

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Title | Entity | Date | Signature |
| Saad Saleh | CEO | Meshreq |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |