

EFe Event Management System



Installation Guide

Efe Event Management System V.0.5

Author	Version	Date
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Prerequisites

EFEM installation supports Windows operating systems. Installation on 32-bit or 64-bit operating systems is possible. Even though we recommend that you do not use EFEM systems which are based on 32 bit operating systems as Production system. Resource usage and memory limitations of 32 bit operating systems can cause performance problems.

It is recommended that you have a server with at least 8 Core processors for EFEM. It is possible to run the software on processors lower than 8 Core, but in live environments it would be beneficial for your server configuration to be equal or higher than the recommended configuration.

Recommended configuration

EFEM Application Server

Operating System : Windows 2012 or higher 64 bit OS
CPU: 1.7MHz or higher 8 Core
Memory: 32 GB
Disk: 100 GB

EFEM Correlation Engine

Operating System : Windows 2012 or higher 64 bit OS
CPU: 1.7MHz or higher 4 Core
Memory: 16 GB
Disk: 100 GB

EFEM Console

Operating System : Windows 2012 or higher 32/64 bit OS
CPU: 1.7MHz or higher 4 Core
Memory: 8 GB
Disk: 100 GB

Please make sure that you have up-to-date patches on your operating system.

.NET 4.5 or higher versions and .NET CLR should be installed aswell.

Installation and Operation

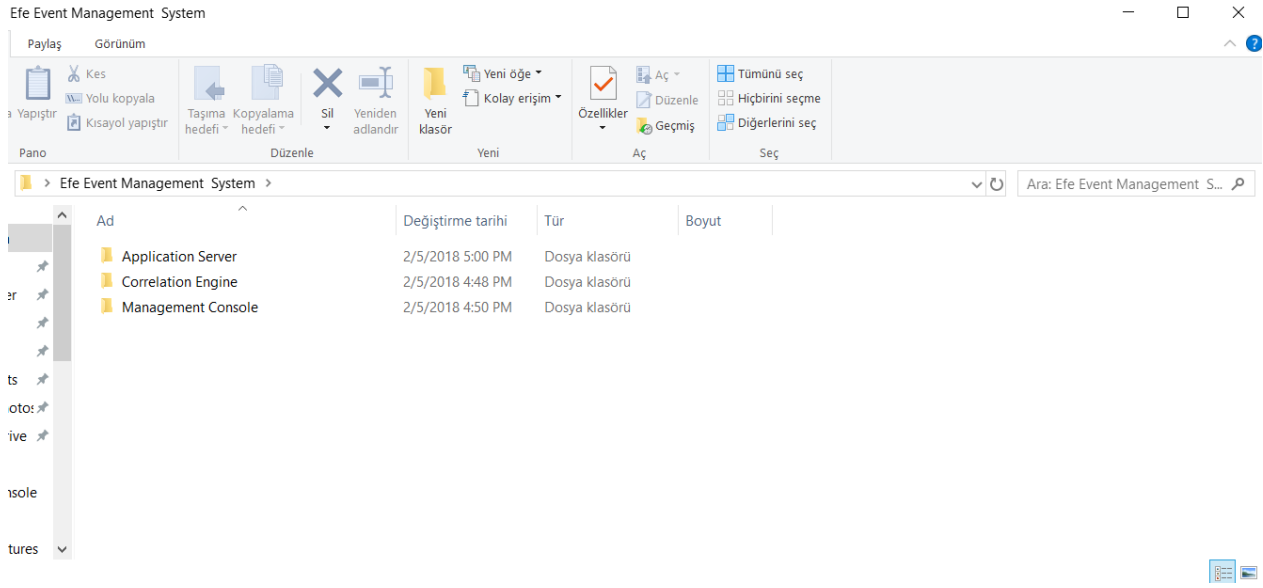
EFEM Application Server

You can download EFEM installation files using the link that has been sent to you by registering via EFEM Web Site.

Before the installation, the SQLite database must be installed on the EFEM Application Server.

You can download the SQLite software directly from <https://www.sqlite.org/>.

When you open the files you have downloaded, you will see the directories belonging to 3 components of EFEM. Copy these folders to an appropriate location on your server.

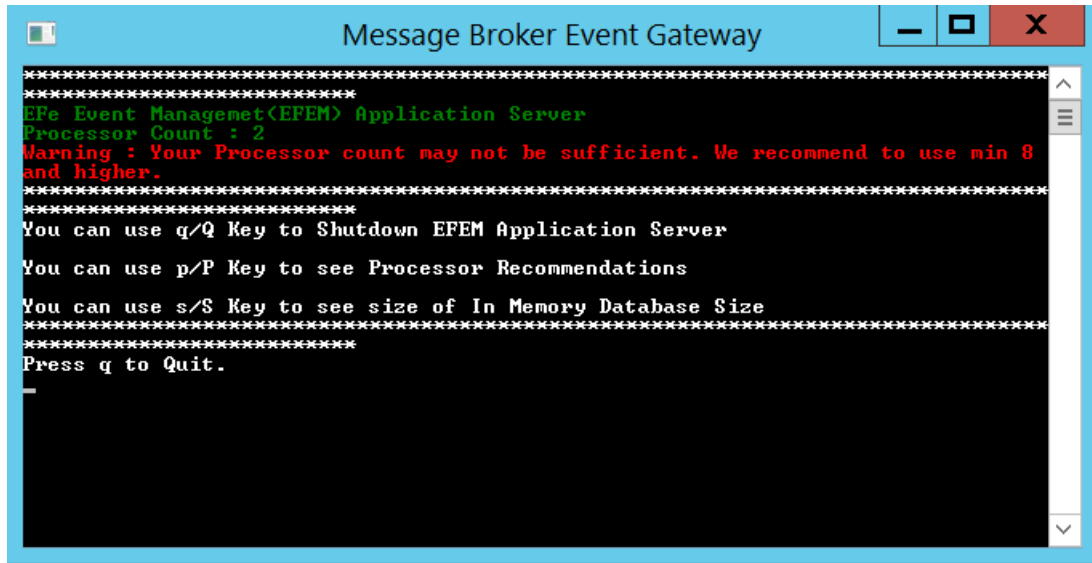


Run "Efem Application Server.exe" in the Application Server directory

!! Important: It is necessary to run "Efem Application Server.exe" with Administrator Rights. If you do not have sufficient rights at the operating system level the application will not run.

EFFE_Internal_Database.sqlite	2/5/2018 5:00 P
Efem Application Server.exe	2/5/2018 4:58 P
EventGateway.exe	2/5/2018 4:58 P
EventGateway.pdb	2/5/2018 4:58 P
Newtonsoft.Json.dll	1/11/2018 2:45

When EFEM Application Server starts successfully, you will see the below console.



```
*****
EFe Event Managenet(EFEM) Application Server
Processor Count : 2
Warning : Your Processor count may not be sufficient. We recommend to use min 8
and higher.
*****
You can use q/Q Key to Shutdown EFEM Application Server
You can use p/P Key to see Processor Recommendations
You can use s/S Key to see size of In Memory Database Size
*****
Press q to Quit.
_
```

Take care to keep this console open for the operation of the application. Turning off this application will cause EFEM Application Server to shut down.

EFEM Correlation Engine

Enter the Correlation Engine directory in the EFEM software that you have previously copied on your server.

Ad	Değişirme tarihi
Application Server	2/5/2018 5:00 PM
Correlation Engine	2/5/2018 4:48 PM
Management Console	2/5/2018 4:50 PM

Find the Efem Correlation Engine.exe file in the Correlation Engine directory and run it.

!! Important: It is necessary to run "Efem Correlation Engine.exe" with Administrator Rights. If you do not have sufficient rights at the operating system level the application will not run.

Ad	Değiştirme tarihi	Tür
Efem Correlation Engine.exe	2/5/2018 4:45 PM	Uygulama
EventCorrelation.exe.config	2/1/2018 10:33 PM	XML Configuration...
EventCorrelation.pdb	2/5/2018 4:45 PM	Program Debug D...
EventGateway.exe	2/5/2018 4:45 PM	Uygulama
EventGateway.pdb	2/5/2018 4:45 PM	Program Debug D...
Newtonsoft.Json.dll	1/11/2018 2:45 PM	Uygulama uzantısı
Newtonsoft.Json.xml	1/11/2018 2:45 PM	XML D...

When EFEM Correlation Engine starts successfully, you will see the below console.

```

EFE Correlation Engine-Never close the Console
-----
Suppress AppServer Events will run at 1517933598,70543
-----
Rescheduling Correlations
Time is now :1517933538,70543
Close Suppressed Events will run at 1517933598,70543
-----
Rescheduling Correlations
Time is now :1517933538,70543
Delete Closed Events will run at 1517933718,70543
-----
Rescheduling Correlations
Time is now :1517933538,70543
Groupby Check Server Problems will run at 1517933598,70543
-----
Rescheduling Correlations
Time is now :1517933538,70543
Groupby Check Server Problems will run at 1517933598,70543
-----
Rescheduling Correlations
Time is now :1517933538,70543
Check Server Incidents to Create a Problem Candidate will run at 1517933598,70543
-----
done ...

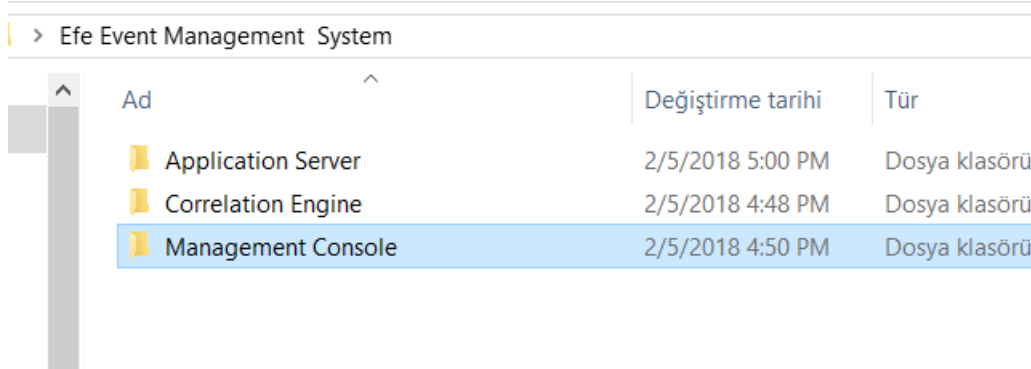
```

If there are Correlation rules defined on Efem Application Server, Correlation Engine will operate them and take necessary actions.

Take care to keep this console open for the operation of the application. Turning off this application will cause EFEM Correlation Engine to shut down.

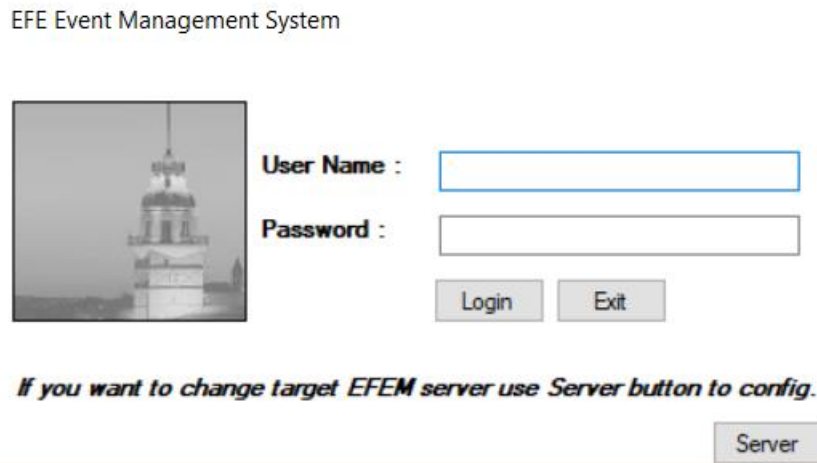
EFEM Management Console

EFEM Management Console is the interface required for admin and end users to interact with the system. (We recommend you to read the User Documentation for detailed use)



Ad	Değiştirme tarihi	Tür
Application Server	2/5/2018 5:00 PM	Dosya klasörü
Correlation Engine	2/5/2018 4:48 PM	Dosya klasörü
Management Console	2/5/2018 4:50 PM	Dosya klasörü

Run Efem Management Console.exe in the Management Console directory.



EFE Event Management System

User Name :

Password :

Login Exit

If you want to change target EFEM server use Server button to config.

Server

You will get a login screen to login to the EFEM Application Server. Enter the server and port information for EFEM Application Server by clicking on the Server button (below right).

If you are logging in to EFEM Application Server for the first time;

You can login to the system using administrator account.

Username: admin

Password: admin

Server Definition ✕

Server
Enter IP address or Hostname of Server

Port
Enter Server connection port

We recommend you to browse the User Document for actions that can be performed after you have logged into the system. You can also find information on using the software from the Help section of the console.