

IBM ECM System Monitor Field Guides

Upgrade to Version 5.5.11

August 29th, 2023 CENIT AG Frank Larisch

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Introduction

Overview

This guide describes in detail, how IBM ECM System Monitor (ESM) can be upgraded.

All steps are just an example.

The setup is described exemplarily for Windows Server/Agent and UNIX Server/Agent

The entire upgrade process needs a user with local admin rights on Windows, please be aware of that a rotating password change can lead to a non functional conditions.

We recommend to use the option: password never expires.

A UNIX user should have read, write and execute rights on the ESM Server and Agent install folder.

A UNIX user with root rights is not necessary. In case you want the ESM Server and Agent to start at every system start the upgrade process needs a user with root rights !

ESM 5.5.11.0-000 is a full installer variation. If you want to skip an upgrade installation you can install the product from scratch up. Be aware that no data of previous installations can be used.

Prerequisites

Upgrading to IBM Enterprise Content Management System Monitor ESM 5.5.11-0-000

Requires at least a working installation of 5.5.9.1-001.

Since ESM 5.5.11.0-000 is released, all previous ESM Versions lower than 5.5.9.0-000 are out of support.

This guide is based on an ESM 5.5.9.0-000 installation which uses DB2 and MSSQL as monitoring and configuration Database. It is not recommended to use the inbuild H2 database in production environment.

Since ESM 5.5.5-0-003 it is possible to use MSSQL oder IBM DB2

For further Information take a look at our Field Guide IBM ECM System Monitor V5.5.5.x Switch from H2 to MSSQL or DB2.

https://www.cenit.com/fileadmin/Media/cenit/ProductsSolutions/EIM/PDFs/FieldGuides

It is strongly recommended to upgrade your ESM Server to ESM 5.5.9.1-001 first It is required to upgrade ESM Agents with ESM 5.5.9.1-001 before upgrading to ESM 5.5.11.0-000.

You can find installer images for ESM 5.5.9.1-000 on IBM Fix Central :

https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=Enterprise%20Content%20 Management&product=ibm/Information+Management/FileNet+System+Monitor&release=5.5. 9.1&platform=Windows&function=all

Backup and Fall-back scenario

As a fall-back plan we recommend to take snapshots of your virtual systems. It is strongly recommended to stop the ESM Server and Agent processes (UNIX) or services (Windows) before you start to take a snapshot. Make a backup of your MSSQL/DB2 monitoring and configuration databases. In case of on premise installation make an archive file of the ESM Agent/Server directory.

Installation steps

Distribute IA installer binaries to your environment, or put it on a share where you have access from all affected systems. Distributed installer binaries on UNIX Systems may lose execution rights during distribution process – adjust umask of installer binary, e.g. 755.

Start with the server upgrade and then with the agents.

For the MSSQL installation we use two databases :

ESMCONF => Configuration Database ESMDB => Monitoring Database

Port : 1433 Instance : MSSQLSERVER User : sa CollationType : Latin1_General_CI_AS

For the DB2 installation we use two databases :

ESMCONF => Configuration Database ESMINCI => Monitoring Database

Port : 50000 User : db2inst1 AutomaticStorage = Yes USING CODESET UTF-8 PAGESIZE 32k TERRITORY en_US

The following steps are an example how to walk through your upgrade process. The upgrade procedure is identical for Linux, only the procedure for calling the installer is different. Due to this fact, only the way how to upgrade from on a Windows System ESM 5.5.9.0-000 to ESM 5.5.9.1-001 is documented.

Advanced options

We recommend to use our help for these activities. If you need further information about implementation services and ESM trainings please contact CENIT at <u>mailto:ECM.SystemMonitor@cenit.com</u>

You can find helpful videos on

https://www.cenit.com/en_EN/solutions-services/software-solutions/ibm-ecm-system-monitor.html

If you are not already on 5.5.9.1-001

Upgrade of 5.5.9.0-000 Server to 5.5.9.1-000

Execute ESM Server 5.5.9.1-000 installer binary.

Right mouse click on ESM_Server_Installer and select Run as administrator.

ile Home	Share	View	Application Tools	2301333311 000						
· -> • • 🚺	> w2	:22srv2 > [Downloads > ESM 5.5	5.9.1-000					5 v	
🖈 Quick access		Name	Agent Installer	Dat	e modified 8/2023 6:22 PM	Type	Size	5 KB		
Desktop	1	C ESM	Server Installer	1/1	8/2023 6:22 PM	Application	220.693	KB		
👆 Downloads	*	0.000	serrer_maturer			appression		Open		
🔮 Documents	1							🐶 Run as admin	strator	
Pictures	\mathcal{A}							Edit with Note	pad++	-
w2k22srv2								Troubleshoot Pin to Start	compatibility	
ESM (E:)								🖻 Share		
Network								Give access to Pin to taskbar Restore previo	us versions	
								Send to		
								Cut		
								Сору		
								Create shortco	ıt	
								Delete		
								Rename		
								Properties		

Install Anywhere starts :

ESM_Server_Installer Instal	Anywhere		
	InstallAnywhere is	preparing to install	
		15%	
			Cancel

ESM Server Installer			- □ × Please Wait
	Update?	×]
	Do you want to u version of ESM S Press Update to pro	update previous (or re-install current) Server found at E:UBM/SSM/Server?	
			system. This may take a
InstallAnywhere			
InstallAnywhere Cancel Help			Previous Next

A previous version of ESM Server was found – click on **Update** to continue.

Mark I accept the terms in the license agreement and continue with Next.



Welcome to ESM Server – click on **Next** to continue.

🙆 ESM Server Installer

	Welcome to ESM Server
	This installer will guide you through the installation of ESM Server.
	It is strongly recommended that you quit all programs before continuing with this //installation.
	Click the 'Next' button to proceed to the next screen. If you want to change something on a previous screen, click the 'Previous' button.
TRM"	You may cancel this installation at any time by clicking the 'Cancel' button.
Enterprise Content Management	
System Monitor	
×	
InstallAnywhere	
Cancel Help	Previous Next

227 JID

×

Take over installation folder – click on **Next** to continue.

ESM Server Installer		12	o x
		Installation	n Folder
	Select installation folder for ESM	Server.	/
TRM	Where Would You Like to Insta	II ESM Server?	
	E:\IBM\ESM\Server		
Enterprise Content Management		Restore Default Folder Ch	loose
System Monitor			
	10		
InstallAnywhere			
Cancel Help		Previous	Next

M Server Installer			×
	ESM Serv	er Sett	ing
	Please enter ESM Server hostname and port numbers. Adjust parameters according to the ESM Server environment. The port numbers must be within the range from 1 to 65535.		
TRM	Hostname		^
	esm55winsql		
interprise Content Management	IP Address		
System Monitor	192.168.240.11		
	MQTT Port		
	1883		
	HTTP Port		
	8181		
	нттря		
	Enabled Disabled		
	HTTPS Port		1
	8443		
	RMI Registry Port		
/ /	1099	1	~
lamadara			
or ally where			

ESM Server settings – take over and click on **Next** to continue.

Configuration database settings – take over settings – continue with Next.

ESM Server Installer	– 🗆 🗙
	Configuration Database Settings
	Optionally change the JDBC URL, driver class and credentials for the configuration DB. - jdbc:db2://[serverName[/instanceName][:portNumber]][:property=value] jdbc:sqlserver//[[serverName[\instanceName][:portNumber]][:property=value] - com.ibm.db2.jcc.DB2Driver com.microsoft.sqlserver.jdbc.SQLServerDriver
IBM. Enterprise Content Management System Monitor	The driver for the default embedded H2 database is already included. Supported external databases: DB2, MSSQL WARNING: Existing data will not be migrated to a different database! JDBC URL
	r://esm55 winsql: 1433; instanceName=MSSQLSERVER; databaseName=ESMCONF;
	JDBC Driver Class Name
	com.microsoft.sqlserver.jdbc.SQLServerDriver
	Database User Name
	58
	Database User Password

	Make sure to copy the external driver to the karaf/deploy folder after installation!
installAnywhere	
Cancel Help	Previous Next

ESM Server Installer × Monitoring Database Settings Optionally change the JDBC URL, driver class and credentials for the monitoring DB. jdbc:db2://[serverName[/instanceName][:portNumber]][:property=value] jdbc:sqlserver://[serverName[\instanceName][.portNumber]][,property=value] com.ibm.db2.jcc.DB2Driver | com.microsoft.sqlserver.jdbc.SQLServerDriver The driver for the default embedded H2 database is already included. Supported external databases: DB2, MSSQL Enterprise Content Management WARNING: Existing data will not be migrated to a different database! System Monitor JDBC URL jdbc:sqlserver.//esm55winsql:1433;instanceName=MSSQLSERVER;databaseName= JDBC Driver Class Name com.microsoft.sqlserver.jdbc.SQLServerDriver Database User Name sa Database User Password ****** Make sure to copy the external driver to the karaf/deploy folder after installation! InstallAnywhere Cancel Help Previous Next

Monitoring database settings - take over settings - continue with Next.

Start Up settings – take over settings and continue with Next.



Start Up settings – it is recommended to Re-install ESM Server Service.





Installation **Summary – click on Install** to start installation.

ESM Server Installer		- 🗆 X
		Summary
	Please Review the Following Before Continuing:	121
	Install Folder: E:\IBM\ESM\Server	Ŷ
	Hostname esm55winsql	
IBN	IP Address 192.168.240.11	
Enterprise Content Managen System Mor	MQTT Port 1883	
	HTTP Port 8181	
	HTTPS Enabled	
	HTTPS Port 8443	
	RMI Registry Port 1099	
	RMI Server Port	, ,
InstallAnywhere		
Cancel Help		Previous Install

Install procedure starts.



JDBC Driver should be deployed during the installation of 5.5.9.0-000. So please confirm.

ESM Server Installer		Please Wa
Enterprise Content Manage System Ma	Start-Up Of ESM Server × Deploy external database JDBC driver. Before ESM Server can start up, copy your external database JDBC driver file to E:\IBM\ESM\Server\karaf\deploy. Then confirm this dialog. Driver is deployed	system. This may take a
stallAnywhere Cancel		10

Installation completed – Click on **Done.**

ESM Server Installer		− □ × Completion
	Congratulations! ESM Server has been successfully installed to: E:\UBM\ESM\Server	
IBM.	For the GOL of Comparent go to http://esinoowinsqi.o.ioi.via.ord/wa.ord/	
Enterprise Content Management System Monitor		
Istanziywilele		

Delete or rename the installer.properties file in the folder where you executed the ESM Server installer binary.

Examp	le	for	renami	ng	:
-------	----	-----	--------	----	---

Name	Date modified	Туре	Size
ESM_Agent_Installer	9/7/2022 2:21 PM	Application	179,292 KB
ESM_Server_Installer	9/7/2022 2:21 PM	Application	222,847 KB
server.installer.properties	8/22/2023 10:45 AM	PROPERTIES File	3 KB

Upgrade of 5.5.9.0-000 Agent to 5.5.9.1-000

Execute installer binary ESM_Agent_Installer

Right mouse click on ESM_Agent_Installer and select Run as Administrator.

Name	Date modified	Туре	Size			
ESM_Agent_Installer	1/18/2023 6:22 PM	Application	1.90.306.8	0		
SSM_Server_Installer	1/18/2023 6:22 PM	Application	Open	1		
server.installer.properties	8/22/2023 12;36 PM	PROPERTIES File	General Kun a	with Notenad++		
			Troub Pin to Pin to	oleshoot compatibili o Start	ty	
			Give a Pin to Resto	access to o taskbar ire previous versions		>
			Send	to		>
			Cut Copy			
			Creat Delete Renar	e shortcut e me		
			Prone	erties		

InstallAnywhere starts :

ESM_Agent_Installer	1/18/2023 6:22 PM	Application	180,496 KB
ESM_Server_Installer	1/18/2023 6:22 PM	Application	220,693 KB
server.installer.properties	8/22/2023 12:36 PM	PROPERTIES File	3 KB

nstallAnywł	nere
	InstallAnywhere is preparing to install
	41%
	Cancel

ESM Agent Installer		- c ×
		Please Wait
Upda	e? X Do you want to update previous (or re-install current) version of ESM Agent found at E:\BM/ESM/Agent? Press Update to proceed or Cancel to abort this installer. Cancel Update	system. This may take a
InstallAnuebare		
Cancel Help		Previous Next

A previous version of ESM Agent was found – click on **Update** to continue.





Welcome to ESM Agent – click on **next** to continue.

ESM Agent Installer	- 🗆 X
	Welcome to ESM Agent
	This installer will guide you through the installation of ESM Agent.
	It is strongly recommended that you quit all programs before continuing with this installation.
77512	Click the 'Next' button to proceed to the next screen. If you want to change something on a previous screen, click the 'Previous' button.
IBM.	You may cancel this installation at any time by clicking the 'Cancel' button.
Enterprise Content Management	
System Monitor	
InstallAnywhere	
Cancel Help	Previous Next

Installation Folder – take over settings and continue with Next.

ESM Agent Installer	- 🗆 X
	Installation Folder
Select insta	Illation folder for ESM Agent.
IBM. Where Wo	ald You Like to Install ESM Agent?
Enterprise Content Management	Pastora Default Folder Chosea
System Monitor	Notions Denault Loides
1.0	
InstallAnywhere	
Cancel Help	Previous Next

ESM Agent settings – take over settings and continue with Next.

ESM Agent Installer	- 0	
	ESM Agent Set	tin
TDW	Please enter the ESM Agent's unique name and port numbers and the connection data to the server. Adjust parameters according to the ESM Agent environment. The port numbers must be within the range from 1 to 65535.	
101	SrvAgent	
nterprise Content Managem	ESM Server Name	
System Mor	itor esm55winsql	
	ESM Server Port	
	1883	
	HTTP Port	
	8282	
	HTTPS Enabled Disabled	Į
	HTTPS Port	
	RMI Registry Port	
lAnwhere	2099	
Hala	Presidue	ext

Start Up Settings- take over settings and continue with Next.

ESM Agent Installer	- 🗆 X
	Start Up Settings
	Choose if you want ESM Agent to start up after installation has finished and at each system start-up. Note: you need Administrator privileges to make ESM Agent do this!
IBM	Start up ESM Agent after installation
Enterprise Content Managem	Start up ESM Agent at system start-up
System Mon	● Yes ○ No
InstallAnywhere	
Cancel Help	Previous Next



Start Up Settings- take over settings and continue with Next.





Installing ESM Agent.



Installation completed – click on **Done** to finish.

est Agent Installer		1		×
		Co	omple	tion
	Congratulations! ESM Agent has been successfully installed to: E:\\BM\\ESM\Agent			/
IBM.				/
Enterprise Content Management				
System Monitor				
				-
InstallAnywhere		-		
Cancel Help	Pro	nous	Don	e

Upgrade of 5.5.9.1-000 Server to 5.5.9.1-001

The only possible upgrade path to 5.5.9.1-001 is a pre running installation of 5.5.9.1-000 Execute ESM Server 5.5.9.1-001 Installer binary Right mouse click on ESM_Server_Installer and select **Run as administrator.**

Name	^	Date modified	Туре	Size	
🙆 ESM_Age	nt_Installer.exe	3/29/2023 5:13 AM	Application	184,032 KB	
 ESM_Serv	er_Installer.exe	3/29/2023 5:13 AM	Application	222.185 KB	-
				Open	
			L	💱 Run as administrator	
				Troubleshoot compatibility	
				Pin to Start	
				Edit with Notepad++	
				Scan for threats	
				Pin to taskbar	
				Restore previous versions	
				Send to >	
				Cut	
				Сору	
				Create shortcut	
				Delete	
				Rename	BEE

InstallAnywhere starts :

ESM_Server_Installer Inst	allAnywhere		
		; is preparing to install	
		15%	
			Lancel

ESM Server Installer	_		- 0 X
		7	Please Wait
			/
	Update?	×	1
	0	Do you want to update previous (or re-install current) version of ESM Server found at E:\BM\ESM\Server? Press Update to proceed or Cancel to abort this installer.	
		Cancel	system. This may take a
InstallAnywhere			
Cancel Help			Previous Next

A previous version of ESM Server was found -> klick on **Update** to continue.

Mark, I accept the terms in the license agreement and continue with Next.



Installation of ESM Server – click on Next to continue.

ESM Server Installer	— 🗆 🗙
	Installation of ESM Server
IBM. Enterprise Content Management System Monitor	InstallAnywhere will guide you through the installation of ESM Server. It is strongly recommended that you quit all programs before continuing with this installation. Click the 'Next' button to proceed to the next screen. If you want to change something on a previous screen, click the 'Previous' button. You may cancel this installation at any time by clicking the 'Cancel' button.
InstallAnywhere Cancel Help	Previous Next

Installation Folder – take over installation path and continue with Next.

ESM Server Installer		- 1	×
		Installation	Folder
	Select installation folder	for ESM Server.	/
IBM	Where Would You Like	to Install ESM Server?	
	E:\IBM\ESM\Server		
Enterprise Content Managem	ent	Restore Default Folder Cho	ose
System won	nor		
	-		
			Í
InstallAnywhere	-		
Cancel Help		Previous	Next

Take over Server Settings and continue with Next.

ESM Server Installer				×
	ESM Serv	er :	Setti	ing
	Please enter ESM Server hostname and port numbers. Adjust parameters according to the ESM Server environment. The port numbers must be within the range from 1 to 65535.			
IBM.	Hostname			•
nterprise Content Management	esm55winsql			
Dustern Hanitas	IP Address		1	
System Monitor	192 168 240.11		_	
	MQTT Port		-	
	1863			
	HTTP Port			
	8181			
	HTTPS Port			
	8443			
	RMI Registry Port			
	1099			•
IlAnywhere				
Help	Previous	1	Nex	đ

Take over Configuration Database Setting and continue with Next.

ESM Server Installer	– 🗆 🗙
	Configuration Database Settings
	Optionally change the JDBC URL, driver class and credentials for the configuration DB. - jdbc:db2://[serverName[/instanceName][:portNumber]][:property=value] jdbc:sqlserver.//[serverName[vinstanceName][:portNumber]][:property=value] - com.ibm.db2.jcc.DB2Driver com.microsoft.sqlserver.jdbc.SQLServerDriver
IBM. Enterprise Content Management	The driver for the default embedded H2 database is already included. Supported external databases: DB2, MSSQL WARNING: Existing data will not be migrated to a different database!
System Monitor	JDBC URL
	r://esm55winsql:1433;instanceName=MSSQLSERVER;databaseName=ESMCONF;
	JDBC Driver Class Name
	com.microsoft.sqlserver.jdbc.SQLServerDriver
	Database User Name
	58
	Database User Password

	Make sure to copy the external driver to the karaf/deploy folder after installation!
InstallAnywhere	
Cancel Help	Previous Next

Take over Monitoring Database Settings and continue with Next.

ESM Server Installer	–
	Monitoring Database Settings
	Optionally change the JDBC URL, driver class and credentials for the monitoring DB. - jdbc:db2://[serverName[/instanceName][:portNumber]][:property=value] jdbc:sqlserver.//[serverName[\u00fcistanceName][:portNumber]][:property=value] - com.ibm.db2 jcc.DB2Driver com.microsoft.sqlserver.jdbc.SQLServerDriver
IBM.	The driver for the default embedded H2 database is already included. Supported external databases: DB2, MSSQL
System Monito	WARNING: Existing data will not be migrated to a different database! JDBC URL
	INFL//esm55winsql:1433;instanceName=MSSQLSERVER;databaseName=ESMDB;
	com.microsoft.sqlserver.jdbc.SQLServerDriver
	Database User Name
	Database User Password
	Make sure to copy the external driver to the karaf/deploy folder after installation!
InstallAnywhere	
Cancel Help	Previous Next

Take over Autostart and Systemstart options and continue with Next.

Enterprise Content Management System Monitor Choose if you want ESM Server to start up after installation has finished and at each system startup. Enterprise Content Management System Monitor Ores Ore Ores Ore No	ESM Server Installer	- 🗆 X
Choose if you want ESM Server to start up after installation has finished and at each system start-up. Choose if you want ESM Server to start up after installation has finished and at each system start-up. Start up ESM Server after installation © Yes © No Start up ESM Server at system start-up © Yes © No		Start Up Settings
Exterior Statu pe ESM Server after installation © Yes No System Monitor Statu pe ESM Server at system start-up © Yes No		Choose if you want ESM Server to start up after installation has finished and at each system start-up.
Enterprise Content Management System Monitor System Monitor Previous Next	IBM.	Start up ESM Server after installation ◉ Yes ◯ No
System Monitor System Monitor	Enterprise Content Management	Start up ESM Server at system start-up
InstallAnywhere Cancel Help Previous Next	System Monitor	
Cancel Help Previous Next	InstallAnandhere	
	Cancel Help	Previous Next



Start Up Settings - we recommend to Re-install the ESM Server Service

Pre-Installation Summary – click on Install.

ESM Server Installer		- 🗆 >
		Summar
	Please Review the Following Before Continuing:	
	Install Folder: E:\IBM\ESM\Server	^
	Hostname esm55winsql	
IBM	IP Address 192.168.240.11	
nterprise Content Manageme System Monit	MQTT Port 1883	
	HTTP Port 8181	- 1
	HTTPS Enabled	
	HTTPS Port 8443	
/	RMI Registry Port 1099	
	RMI Server Port	, v
allAnywhere		
Cancel Help		Previous Install

Uninstallation of previous version and backup of configuration and monitoring database.

ESM Server Installer			- 🗆 X
			Please Wait
IBNL® Enterprise Content Management	FSM Server X	1	
System Monitor	ESM Server X	our system	This may take a moment
	Oninstall previous version	our oyotom.	nie nay take u memorita.
		1	
InstallAnywhere			
Cancel Help			Prévious Next

Install procedure starts.



JDBC Driver should have been deployed during the installation of 5.5.9.0-000. So please confirm.



Delete or rename the installer.properties file in the folder where you executed the ESM installer binary.

Upgrade of 5.5.9.1-000 Agent to 5.5.9.1-001

Execute installer binary ESM_Agent_Installer.

Right mouse click on ESM_Agent_Installer and select Run as Administrator.

Name	Date modified	Туре	Size
ESM_Agent_Installer	3/29/2023 2:13 PM	Application	184.032 KB
ESM_Server_Installer	3/29/2023 2:13 PM	Application	Open Image: Run as administrator Image: Edit with Notepad++ Troubleshoot compatibility Pin to Start Image: Share Give access to Pin to taskbar Restore previous versions Send to Cut Copy Create shortcut Delete Rename Properties

InstallAnywhere starts :

ESM_Agent_Installer	1/18/2023 6:22 PM	Application	180,496 KB
ESM_Server_Installer	1/18/2023 6:22 PM	Application	220,693 KB
server.installer.properties	8/22/2023 12:36 PM	PROPERTIES File	3 KB

InstallAnywh	iere	
0	InstallAnywhere is preparing to install	
	41%	
		Cancel

😟 ESM Agent Installer		- 0 X
		Please Wait
Up	date? X Do you want to update previous (or re-install current) version of ESM Agent found at E://///BMESM/Agent? Press Update to proceed or Cancel to abort this installer. Cancel Update	system. This may take a
InstallAnywhere Cancel Help		Previous Next

A previous version of ESM Agent was found – click on **Update** to continue.

Mark I accept the terms in the license agreement and continue with Next.



Welcome to ESM Agent – click on **next** to continue.



Installation Folder – take over settings and continue with Next.

ESM Agent Installer		Install	ation Folder
	Select installation folder for	ESM Agent.	,
IBM.	Where Would You Like to	Install ESM Agent?	
Entermise Content Management	E:\IBM\ESM\Agent		2441-0104455
System Monitor		Restore Detault Folder	Choose
	1.11		
InstallAnywhere			
Cancel Help		Previous	Next

ESM Agent Installer	÷ 0	
	ESM Agent Set	tin
TDW	Please enter the ESM Agent's unique name and port numbers and the connection data to the server. Adjust parameters according to the ESM Agent environment. The port numbers must be within the range from 1 to 65535.	
77014	SrvAgent	
Interprise Content Managem	ESM Server Name	
System Mon	itor esm55winsql	
	ESM Server Port	
	1883	
	HTTP Port	
	8282	
	HTTPS • Enabled Disabled HTTPS Port	ļ
	8444	
	RMI Registry Port	
1	2099	,
llAnywhere		
ancel Helo	Previous	ext

ESM Agent settings – take over settings and continue with Next.

Start Up Settings- take over settings and continue with Next.

ESM Agent Installer		×
	Start Up Setti	ngs
IBME Enterprise Content Management System Monitor	Choose if you want ESM Agent to start up after installation has finished and at each system start-up. Note: you need Administrator privileges to make ESM Agent do this! Start up ESM Agent after installation	
InstallAnywhere Cancel Help	Previous Next	



Start Up Settings- take over settings and continue with Next.

Summary - click on Install to start installation.

ESM Agent Installer		55	×
			Summary
	Please Review the Following Before Continuing:		^
	E:\IBM\ESM\Agent		
TDI	ESM Agent Name SrvAgent		
Entermise Content Management	Server Name esm55winsql		- 1
System Monitor	Server Port 1883		- 1
	HTTP Port 8282		- 1
	HTTPS Enabled		
	HTTPS Port 8444		
	RMI Registry Port 2099		
	RMI Server Port 55555		v
InstallAnywhere			
Cancel Help		Previous	Install

Installing ESM Agent.



Installation completed.



Upgrade from 5.5.9.1-001 or higher

Windows Server with MSSQL DB

Execute ESM Server 5.5.11.0-000 installer binary.

Right mouse click on ESM_Server_Installer and select **Run as administrator.**

ESM (E:) > ES	M 5.5.11.0-000			ٽ ~	Search ESM 5.5.11.0-000
^	Name	Date modified	Туре	Size	
	🙆 ESM Agent Installer	11.08.2023 11:19	Application	197.007 KB	
	ESM_Server_Installer	11.08.2023 11:19	Application	253.505 KB	
× 1					
*					
×					

InstallAnywhere starts :

stallAnywł	here
	InstallAnywhere is preparing to install
	5%
	Cance



Click on **Update** to continue.

ESM Server Installer		- 0, ×,
	~	Please Wait
		/
Updat	e? ×]
6	Do you want to update previous (or re-install current) version of ESM Server found at E:\UBM\ESM\Server? Press Update to proceed or Cancel to abort this installer.	system. This may take a
		1
InstallAnywhere		Doubles New
f cancer rimp		Previous III. INEXT

Accept Software License Agreement – continue with Next.



Install Anywhere – Welcome page – continue with Next.

ESM Server Installer	- 0	×
	Welcome to ESM So	erver
	This installer will guide you through the installation of ESM Server.	
	It is strongly recommended that you quit all programs before continuing with this installation.	1
	Click the 'Next' button to proceed to the next screen. If you want to change something on a previous screen, click the 'Previous' button.	
IBM.	You may cancel this installation at any time by clicking the 'Cancel' button.	/
Enterprise Content Management		
System Monitor		
		/
InstallAnywhere		
Cancel Help	Previous	ext

Take over Installation folder- continue with **Next.**

		- × × ×
	Install	ation Folder
Select installation folder for ESM S	Server.	/
TRM Where Would You Like to Install	IESM Server?	
E:\IBM\ESM\Server		
Enterprise Content Management	Restore Default Folder	Choose
System Monitor		
		1
IstallAnywhere		10
Cancel Help	Previous	Next

Take over ESM Server Settings – continue with Next.

Please enter ESM Server hostname and port n Adjust parameters according to the ESM Server	ESM Server Settin
Please enter ESM Server hostname and port n Adjust parameters according to the ESM Server	umbers.
The port numbers must be within the range from	er environment. m 1 to 65535.
IRM. Hostname	
esm55winsql	
Enterprise Content Management IP Address	
System Monitor 192.168.240.11	
MQTT Port	
1883	
HTTP Port	
8181	
нттря	
Enabled O Disabled	
RIA3	
0445	
RMI Registry Port	
1099	

Configuration Database Settings – take over setting and continue with Next.

ESM Server Installer	- D >
	Configuration Database Setting
	Optionally change the JDBC URL, driver class and credentials for the configuration DB. - jdbc:db2://[serverName[/instanceName][:portNumber]][;property=value] jdbc:sqlserver.//[serverName[\u00fcnstanceName][:portNumber]][;property=value] - com.ibm.db2.jcc.DB2Driver com.microsoft.sqlserver.jdbc.SQLServerDriver
IBMLe Enterprise Content Management	The driver for the default embedded H2 database is already included. Supported external databases: DB2, MSSQL WARNING: Existing data will not be migrated to a different database!
alarmi monto	JDBC URL r//esm55winsdl-1433-instanceName=MSSOI_SERVER-databaseName=ESMCONE-
	IDBC Driver Class Name
	com.microsoft.sqlserver.jdbc.SQLServerDriver
	Database User Name
	sa
	Database User Password
	Make sure to copy the external driver to the karaf/deploy folder after installation!
nstallAnwhere	
Cancel	Projoue

Monitoring Database Settings – take over setting and continue with Next.

ESM Server Installer	- 🗆 🗙
	Monitoring Database Settings
	Optionally change the JDBC URL, driver class and credentials for the monitoring DB. - jdbc:db2://[server:Name[/instanceName][:portNumber]][:property=value] jdbc:sqlserver://[server:Name[\instanceName][:portNumber]][:property=value] - com.ibm.db2.jcc.DB2Driver com.microsoft.sqlserver.jdbc.SQLServerDriver
Enterprise Content Manager System Mor	The driver for the default embedded H2 database is already included. Supported external databases: DB2, MSSQL WARNING: Existing data will not be migrated to a different database! JDBC URL
	dbc:sqlserver://esm55winsql:1433;instanceName=MSSQLSERVER;databaseName=
	JDBC Driver Class Name
	com.microsoft.sqlserver.jdbc.SQLServerDriver
	Database User Name
	53
	Database User Password

	Make sure to copy the external driver to the karaf/deploy folder after installation!
InstallAnywhere	
Cancel Help	Previous Next

Take over start up settings – continue with **Next.**



Start Up Settings - we recommend to Re-Install ESM Server Service,



ESM Server Installer		
		Summa
	Please Review the Following Before Continuing:	
	Install Folder: E:\IBM\ESM\Server	Í
	Hostname esm55winsql	
IBA	IP Address 192 168 240 11	
Enterprise Content Manager System Mo	MQTT Port 1883	
	HTTP Port 8181	
	HTTPS Enabled	
	HTTPS Port 8443	
/	RMI Registry Port	
	RMI Server Port	
	~	,
stallAnywhere		Tanana and the second s
Cancel Help		Previous Install

ESM Server Installer – Installation Summary – click on **Install** to continue.

Uninstall previous version and backups environment and configuration files.



Installing ESM Server.

ESM Server Installer	- 🗆 X
	Installing ESM Server
IBM.	
Enterprise Content Management	
System Monitor	<u> </u>
	Installing Archive: karaf.zip
InstallAnywhere	119/
Cancel	11.8

JDBC Driver should have been deployed during the installation of 5.5.9.0-000. So please confirm.

ESM Server Installer		- 🗆 🗙
		Please Wait
	Start-Up Of ESM Server	×
Enterprise Content Manage	Deploy external database JDBC driver. Before ESM Server can start up, copy your external database JDBC driver file to E-VBM/ESM/Server/karaft/deploy. Then confirm this dialog.	
System M	Driver is deployed	system. This may take a
InstallAnywhere		
Cancel		100%

Installation completed – click on **Done.**

ESM Server Installer		Con	nplet	×
	Congratulations! ESM Server has been successfully installed to: E:VBM\ESM\Server For the GUI of ESM Server go to http://esm55winsql:8181 via Browser.			_/
IBM.				
Enterprise Content Management				
System Monitor				
InstallAnywhere		-		
Cancel Help	Previou	s [Done	

Delete or rename the installer.properties file in the folder where you executed the ESM installer binary.

Name	Date modified	Туре	Size
BSM_Agent_Installer	8/11/2023 11:19 AM	Application	197,007 KB
ESM_Server_Installer	8/11/2023 11:19 AM	Application	253,505 KB
server.installer.properties	8/22/2023 2:18 PM	PROPERTIES File	3 KB

*

UNIX Server with DB2

Execute ESM Server 5.5.11.0-000 installer binary.

drwxr-xr-x 1 esmuser users 94 Aug 18 2023 . drwxr-xr-x 1 esmuser users 24 Aug 18 12:23 .. -rwxrwxrwx 1 esmuser users 200313960 Aug 11 13:19 ESM_Agent_Installer.bin -rwxrwxrwx 1 esmuser users 258767263 Aug 11 13:19 ESM_Server_Installer.bin esmuser@localhost:~/Downloads/5.5.11.0-000> ./ESM_Server_Installer.bin Preparing to install Extracting the JRE from the installer archive... Unpacking the JRE... Extracting the installation resources from the installer archive... Configuring the installer for this system's environment...

Launching installer...



Click on Update to continue

(a) ×	ESM Server Installer	~ 😣
		Please Wait
		/
2	🖈 Update? V 🔇	
	Do you want to update previous (or re-install current) version of ESM Server found at /opt/IBM/ESM/Server?	
	Press Update to proceed or Cancel to abort this installer.	
	Cancel Update	n. This may take a moment
InstallAnywhere		
Cancel Help		Previous <u>N</u> ext

Accept license agreement – continue with **Next**



Welcome to ESM Server – continue with **Next**.

🔮 🖈	ESM Server Installer 🛛 🗸 📎	3
	Welcome to ESM Server	r
	This installer will guide you through the installation of ESM Server.	
	It is strongly recommended that you quit all programs before continuing with this installation.	1
	Click the 'Next' button to proceed to the next screen. If you want to change something on a previous screen, click the 'Previous' button.	1
IBM.	You may cancel this installation at any time by clicking the 'Cancel' button.	1
Enterprise Content Management		
System Monitor		2
InstallAnywhere		
Cancel	Previous Next	

Take over installation folder - continue with Next.

₫ *	ESM Server Installer	~ (
		Installation Folder
	Select installation folder for ESM Server. Note: blanks are not allowed in installation p characters.	bath. Choose a path without any space
TPM	<u>W</u> here Would You Like to Install ESM Server	n
	/opt/IBM/ESM/Server	
Enterprise Content Management		Restore Default Folder Choose
System Monitor		
		-
InstallAnywhere		
Cancel <u>Help</u>		Previous Next

ESM Server settings – take over settings – continue with **Next**.

	ESM Server Installer	_ ×
	ESM	Server Settings
	Please enter ESM Server hostname and port numbers. Adjust parameters according to the ESM Server environm The port numbers must be within the range from 1 to 655	ient. 35.
IBM.	Hostname lztl-db2.de.cenit-group.com	
Enterprise Content Management	IP Address	
System Monitor	10.0.65.126	
	MQTT Port	
	1883	
	HTTP Port	
	HTTPS • Enabled O Disabled HTTPS Port	
	443	
	RMI Registry Port	
	1099 RMI Server Port	
InstallAnywhere		
Cancel <u>H</u> elp	Prev	vious

Configuration Database setting – take over – continue with Next.

	ESM Server Installer _	×
	Configuration Database Setti	ngs
	Optionally change the JDBC URL, driver class and credentials for the configuration DB. - jdbc:db2://[serverName[/instanceName][:portNumber]][:property=value] jdbc:sqlserver://[serverName[\instanceName][:portNumber]][:property=valu - com.ibm.db2.jcc.DB2Driver com.microsoft.sqlserver.jdbc.SQLServerDriver	ıe]
LEW.	The driver for the default embedded H2 database is already included.	
Enterprise Content Management	Supported external databases: DB2, MSSQL	
System Monitor	WARNING: Existing data will not be migrated to a different database!	
	jdbc:db2://lztl-db2.de.cenit-group.com:50000/ESMCONF:retrieveMessagesFrom	1
	JDBC Driver Class Name	
	com.lbm.db2.jcc.DB2Driver	1
	Database User Name	2
	db2inst1	1
	Database User Password	
	*oloioloioloioloioloioloioloioloioloiolo	
	Make sure to copy the external driver to the karaf/deploy folder after installation!	
InstallAnywhere		
Cancel Help	Previous Next	

Monitoring Database settings – take over – continue with Next.

	ESM Server Installer _ ×
	Monitoring Database Settings
IBM.	Optionally change the JDBC URL, driver class and credentials for the monitoring DB. - jdbc:db2://[serverName[/instanceName][:portNumber]][:property=value] jdbc:sqlserver://[serverName[\instanceName][:portNumber]][:property=value] - com.ibm.db2.jcc.DB2Driver com.microsoft.sqlserver.jdbc.SQLServerDriver The driver for the default embedded H2 database is already included.
Enterprise Content Management	Supported external databases: DB2, MSSQL
System Monitor	WARNING: Existing data will not be migrated to a different database!
	JDBC URL jdbc:db2://lztl-db2.de.cenit-group.com:50000/ESMINCI:retrieveMessagesFrom
×	JDBC Driver Class Name
	com.ibm.db2.jcc.DB2Driver
	Database User Name
	db2inst1
	Database User Password
	Make sure to copy the external driver to the karaf/deploy folder after installation!
InstallAnywhere	
Cancel Help	Previous Next

Start- Up settings – take over – continue with **Next**.

6 🗶	ESM Server Installer	~ X
	Start Up S	ettings
	Choose if you want ESM Server to start up after installation has finished and at each system start-up. Note: you need Administrator privileges to make ESM Server do this!	/
IBM.	Start up ESM Server after installation Yes No 	
Enterprise Content Management	Start up ESM Server at system start-up	
System Monitor	● Yes O No	
InstallAnywhere		
Cancel <u>H</u> elp	Previous	Next

Installation Summary – click on Install to start Upgrade.

	ESM Server Installer		_ ×
			Summary
IBM. Interprise Content Management System Monitor	Please Review the Following Before Conti Install Folder: /opt/IBM/ESM/Server Hostname Iztl-db2.de.cenit-group.com IP Address 10.0.65.126 MQTT Port 1883 HTTP Port 80 HTTPS Enabled HTTPS Port 443 RMI Registry Port 1099 RMI Server Port 4444	inuing:	
//			
Cancel Help		<u>P</u> revious	Install

Installing ESM Server



Installation completed – click on **Done** to finish.

🔮 🗶	ESM Server Installer	~ ×
		Completion
	Congratulations! ESM Server has been successfully installed to:	
	/opt/IBM/ESM/Server	/
	For the GUI of ESM Server go to http://smcsussrv1:80 via Browser.	
IBM.		
Enterprise Content Management		
System Monitor		
InstallAnywhere		
Cancel <u>H</u> elp	Previous	Done

Rename or delete installer.properties – Example :

esmuser@localhost:~/Downloads/5.5.11.0-000> mv installer.properties server.installer.properties esmuser@localhost:~/Downloads/5.5.11.0-000> ls -la total 448328
drwxr-xr-x 1 esmuser users 148 Aug 22 15:59 .
drwxr-xr-x 1 esmuser users 60 Aug 18 12:58
-rwxrwxrwx 1 esmuser users 200313960 Aug 11 13:19 ESM Agent Installer.bin
-rwxrwxrwx 1 esmuser users 258767263 Aug 11 13:19 ESM Server Installer bin
-rw-rw-r 1 esmuser users 1567 Aug 22 15:58 server.installer.properties
esmuser@localhost:~/Downloads/5.5.11.0-000>

Windows Agent and UNIX Agent

The new 5.5.11.0-000 has an option to update Agents via web console.

Copy the ESM_Agent_Installer.exe to

E:\IBM\ESM\Server\karaf\agent\installers\5.5.11.0-000\Windows



For UNIX Agent copy the ESM_Agent_Installer.bin to

/opt/IBM/ESM/Server/karaf/agent/installers/5.5.11.0-000/Linux-x86_64

Login to IBM ESM Server web console with admin/admin

Click on Configuration item and in left sidebar on the Agent icon, Agent has status [outdated] :



Click on the small Update Agent symbol to update Agent.

Click on the update icon to proceed.



Agent status changes to [updating], this may lasts several minutes.



After a successful update the Agent switches back to [online] status.



Contact Information

If you have any questions please contact us at <u>ECM.SystemMonitor@cenit.com</u>.

CENIT AG Phone: +49 711 7825 30 Email: ECM.SystemMonitor@cenit.com