# cenit

IBM ECM System Monitor
Field Guides

Upgrade to Version 5.5.11

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# Content

# 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
mailto:ECM.SystemMonitor@cenit.com

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.**
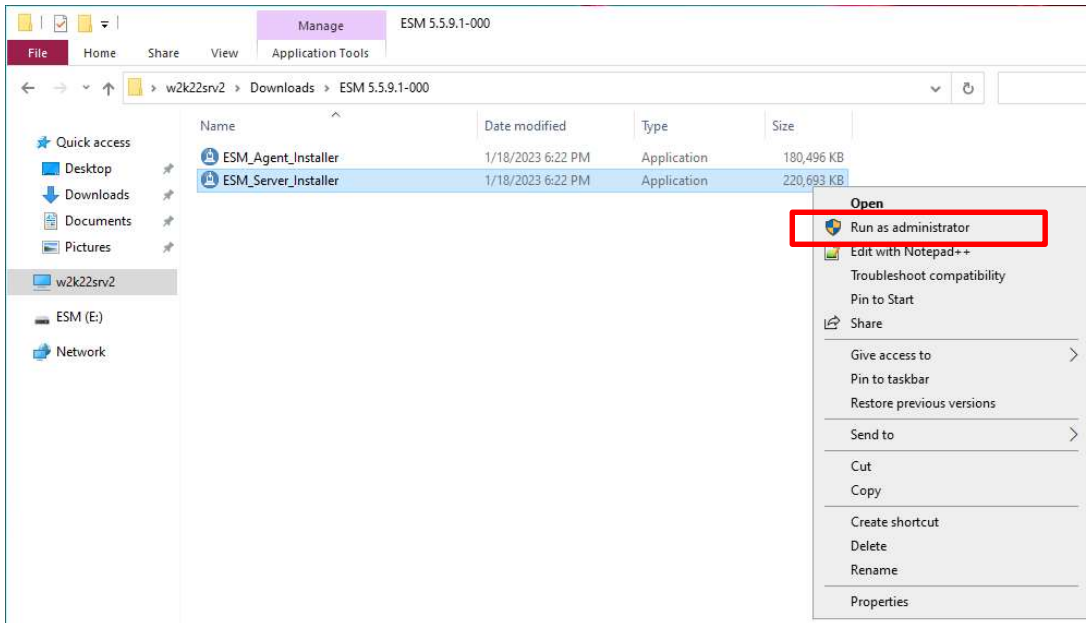


Install Anywhere starts :
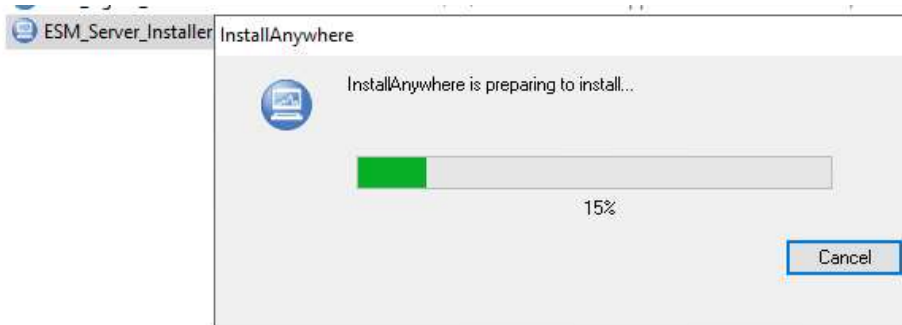
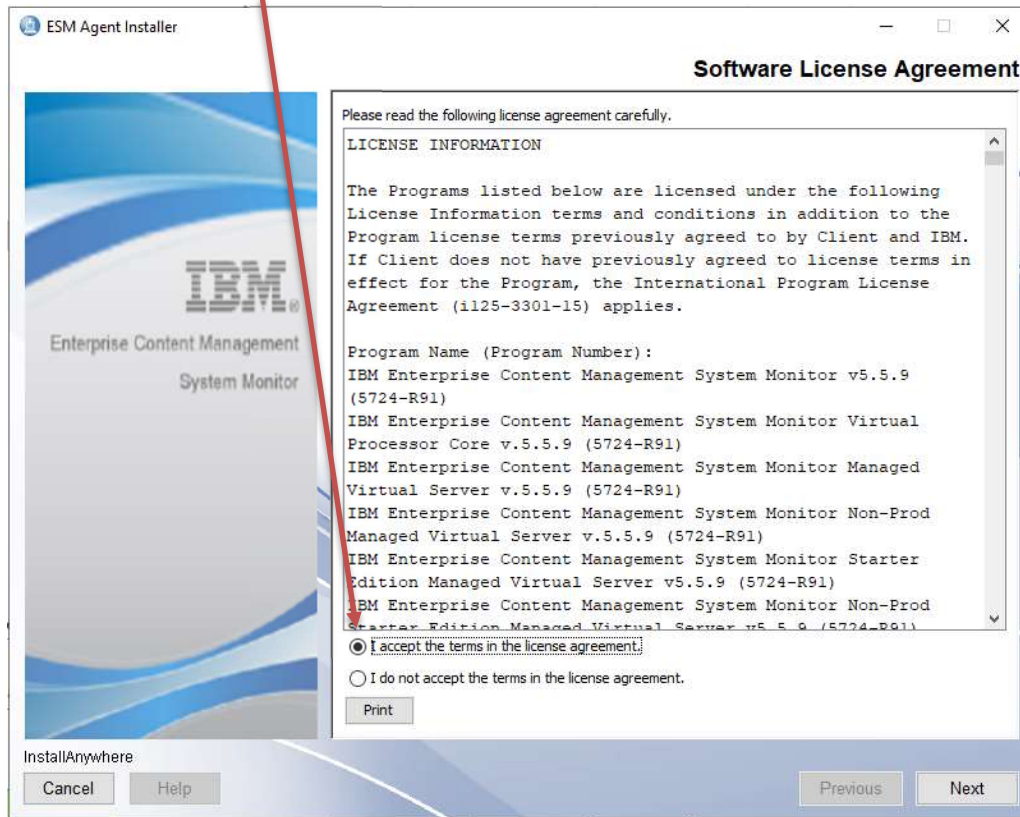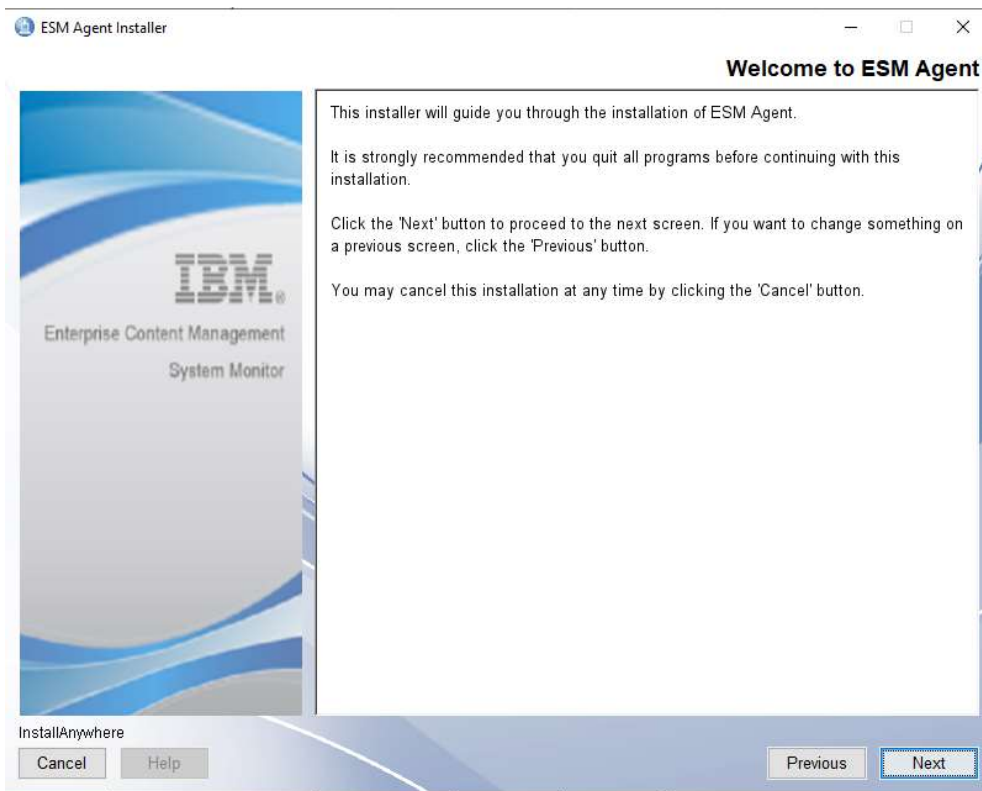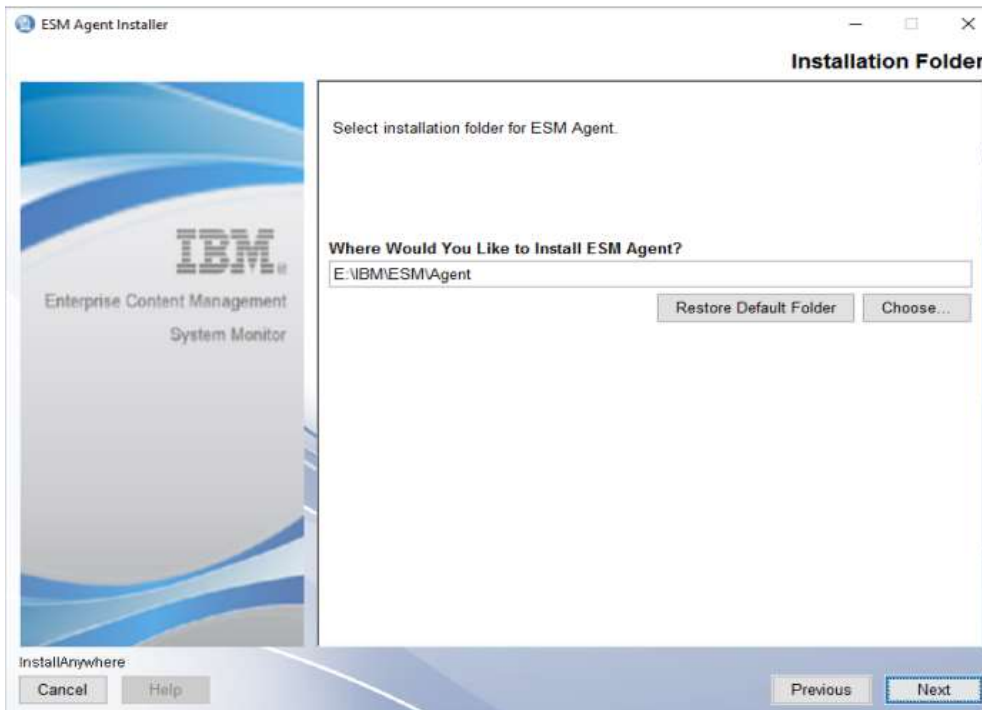A previous version of ESM Server was found – click on **Update** to continue.
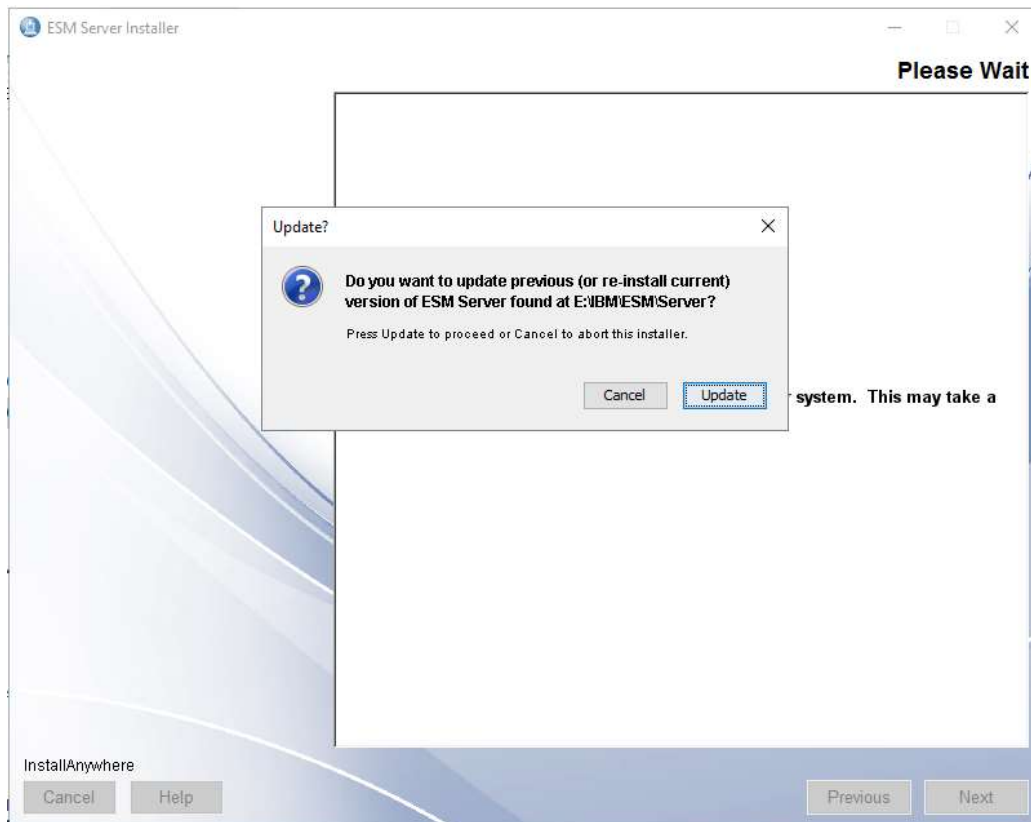


Mark **I accept the terms in the license agreement** and continue with **Next.**
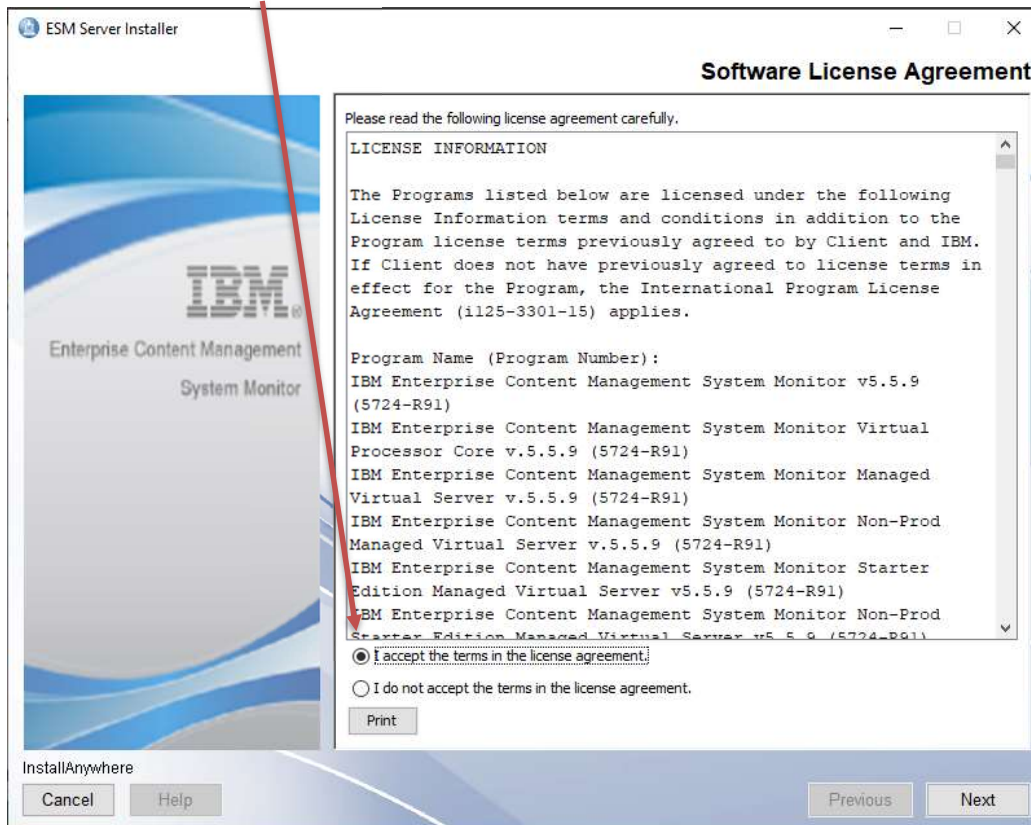
Welcome to ESM Server – click on **Next** to continue.
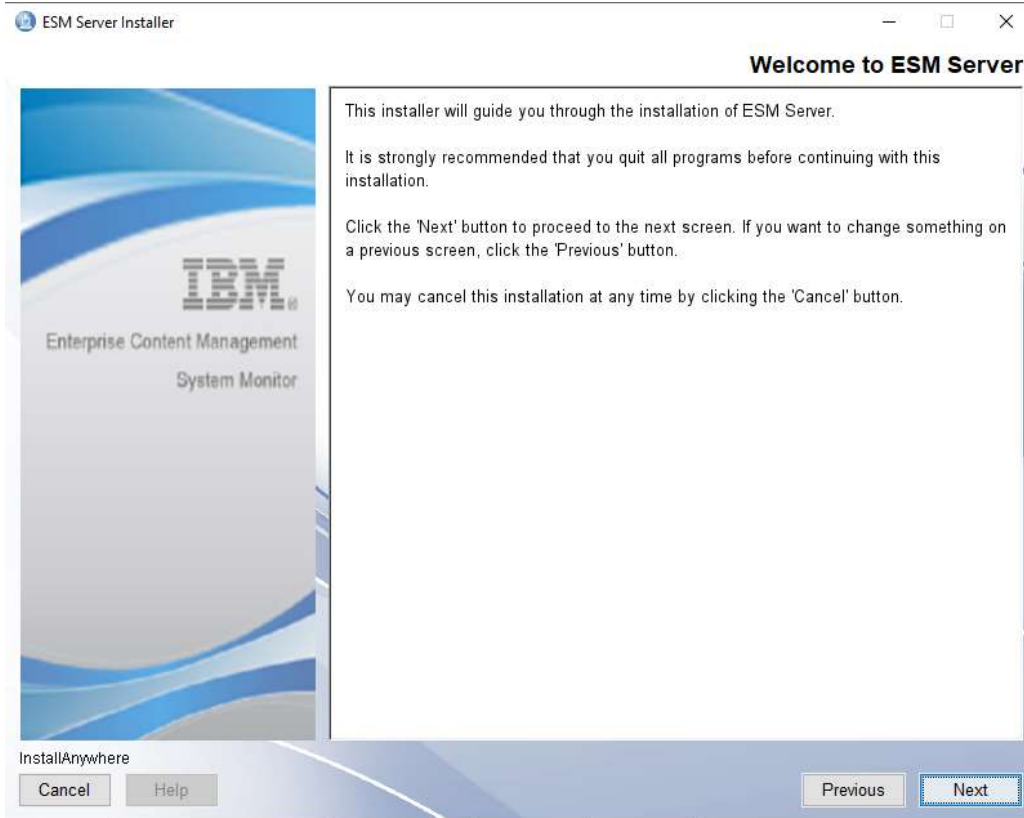


Take over installation folder – click on **Next** to continue.

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



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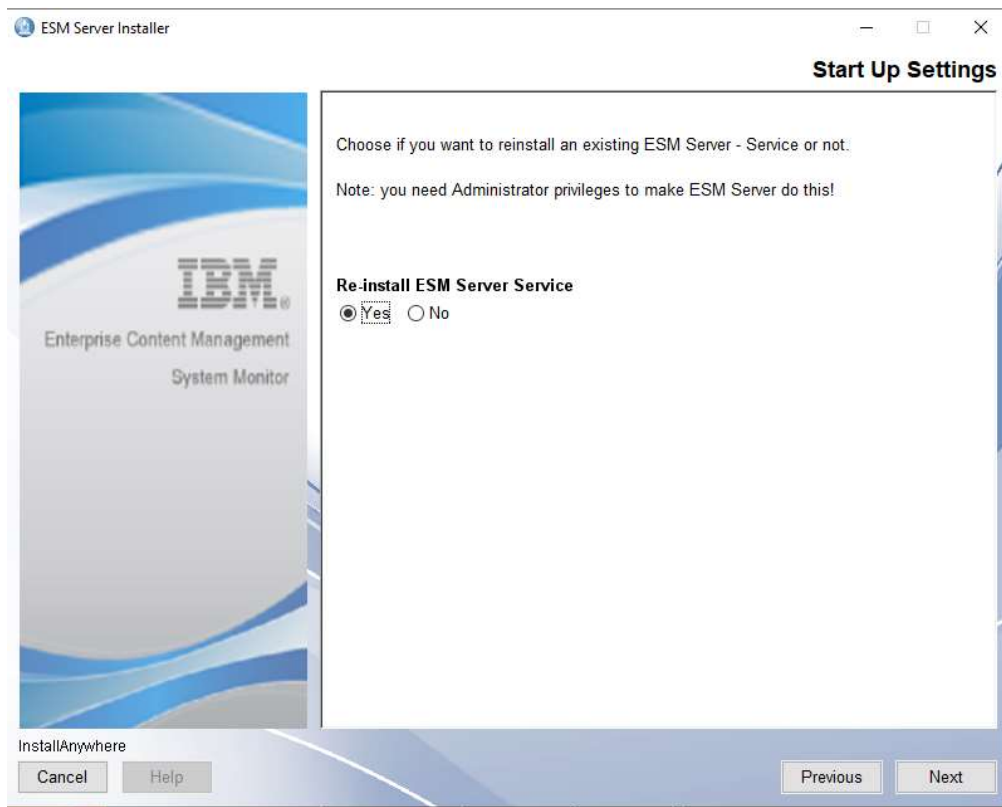


Installation **Summary – click on Install** to start installation.
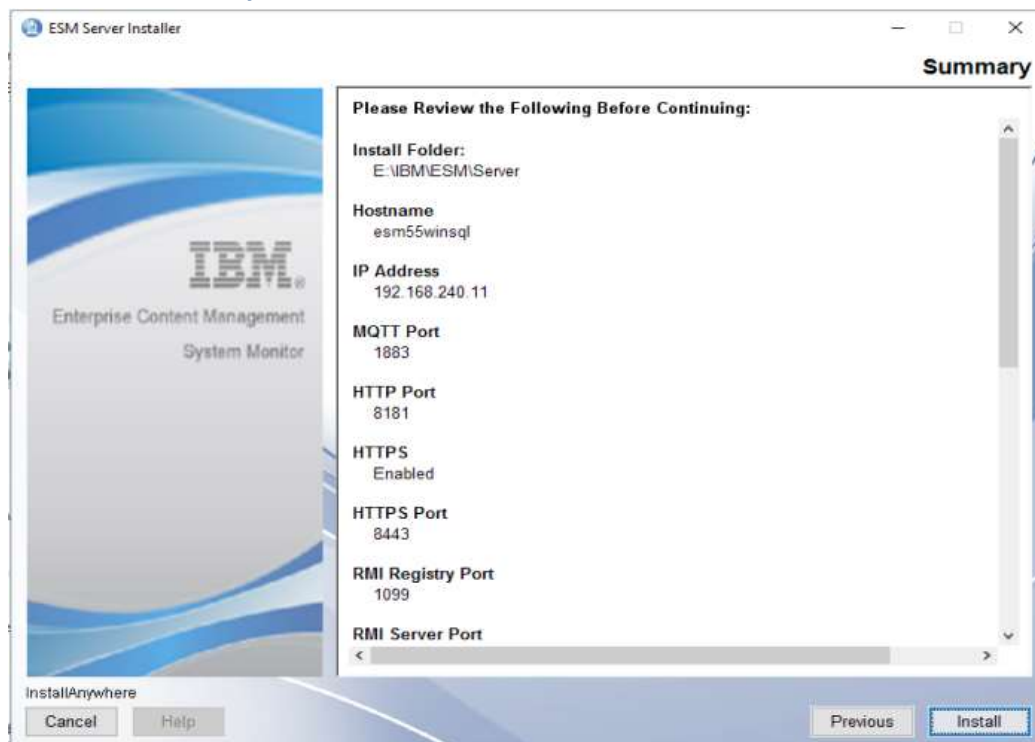
Install procedure starts.
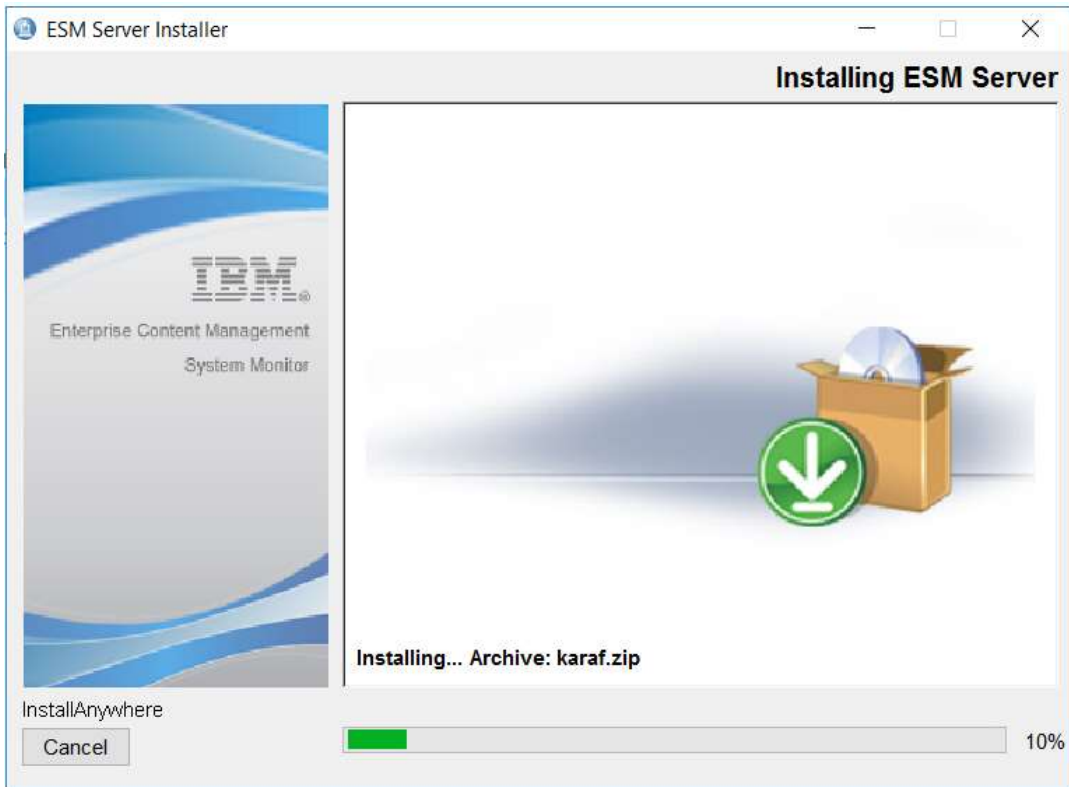


JDBC Driver should be deployed during the installation of 5.5.9.0-000. So please confirm.
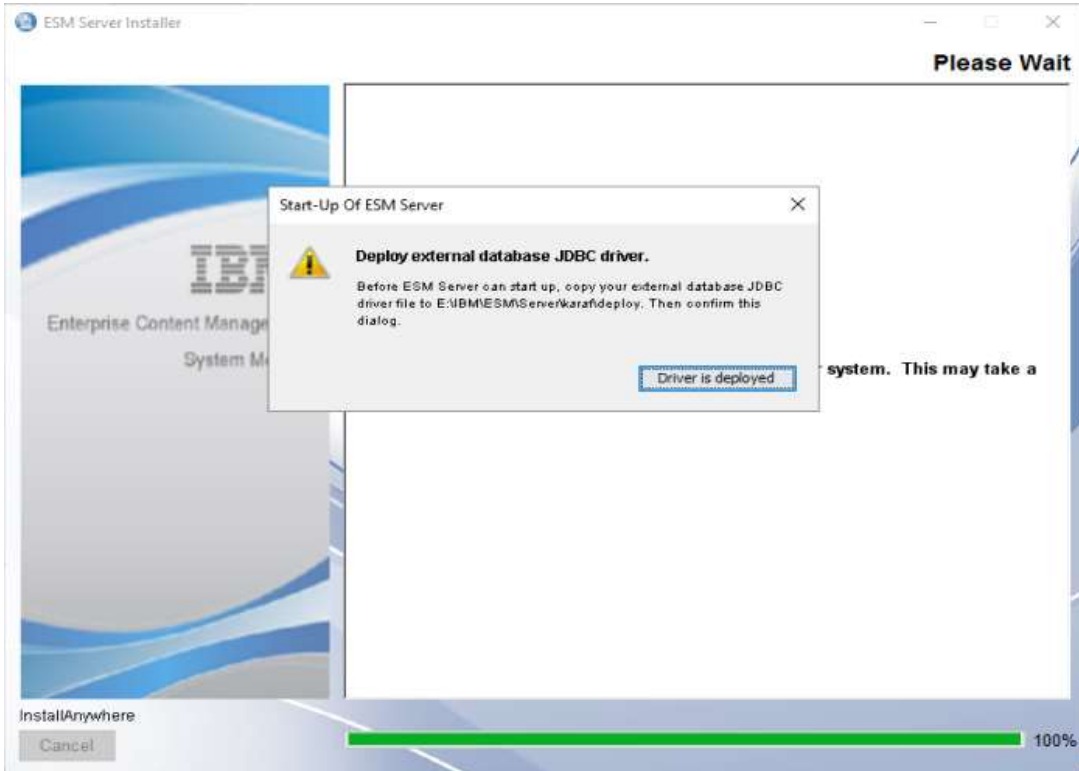
Installation completed – Click on **Done.**
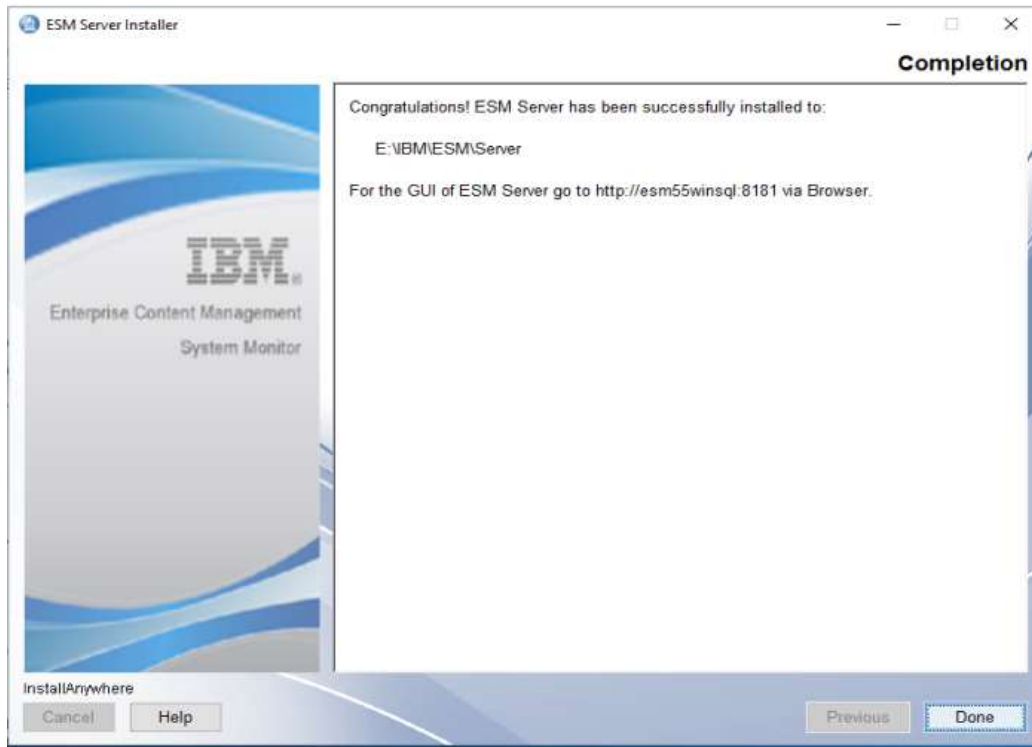


**Delete or rename the installer.properties file in the folder where you executed the ESM Server installer binary.**

Example for renaming :

| Name | Date modified | Type | 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.**



InstallAnywhere starts :

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 settings – take over settings and continue with **Next**.



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

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



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

Installing ESM Agent.



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

## 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.**
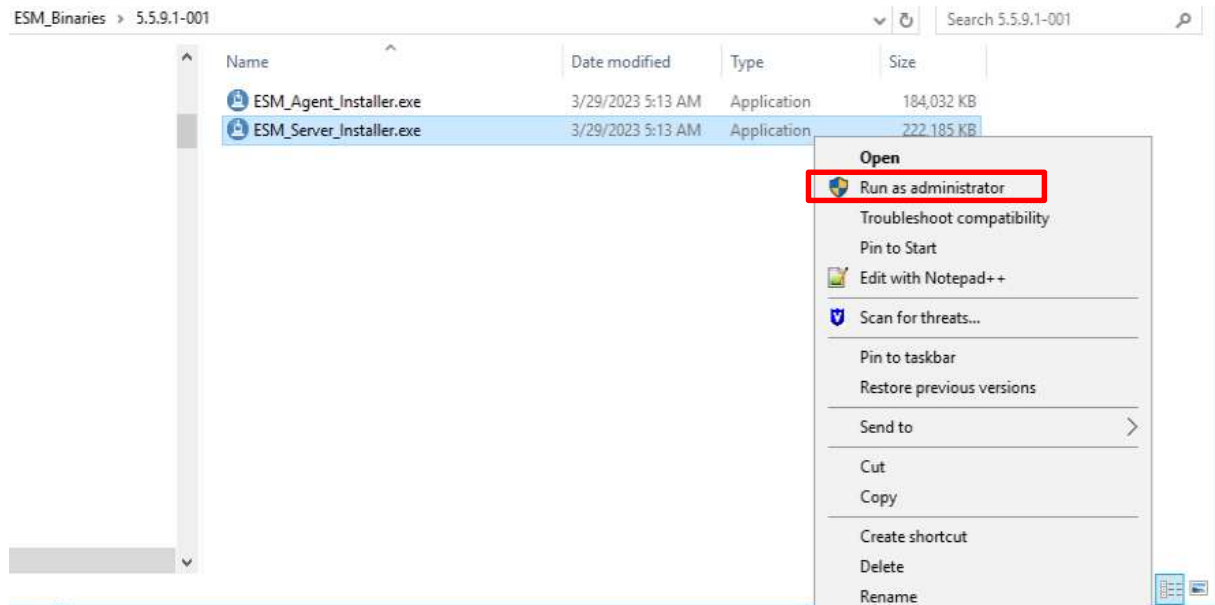


InstallAnywhere starts :
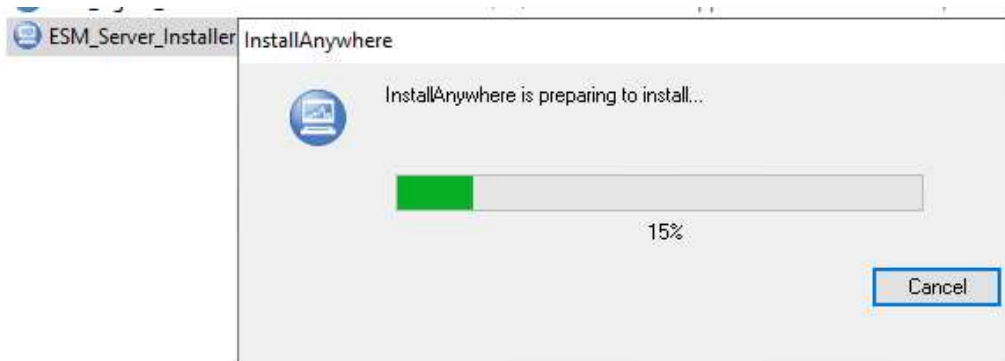
A previous version of ESM Server was found -> klick on **Update** to continue.
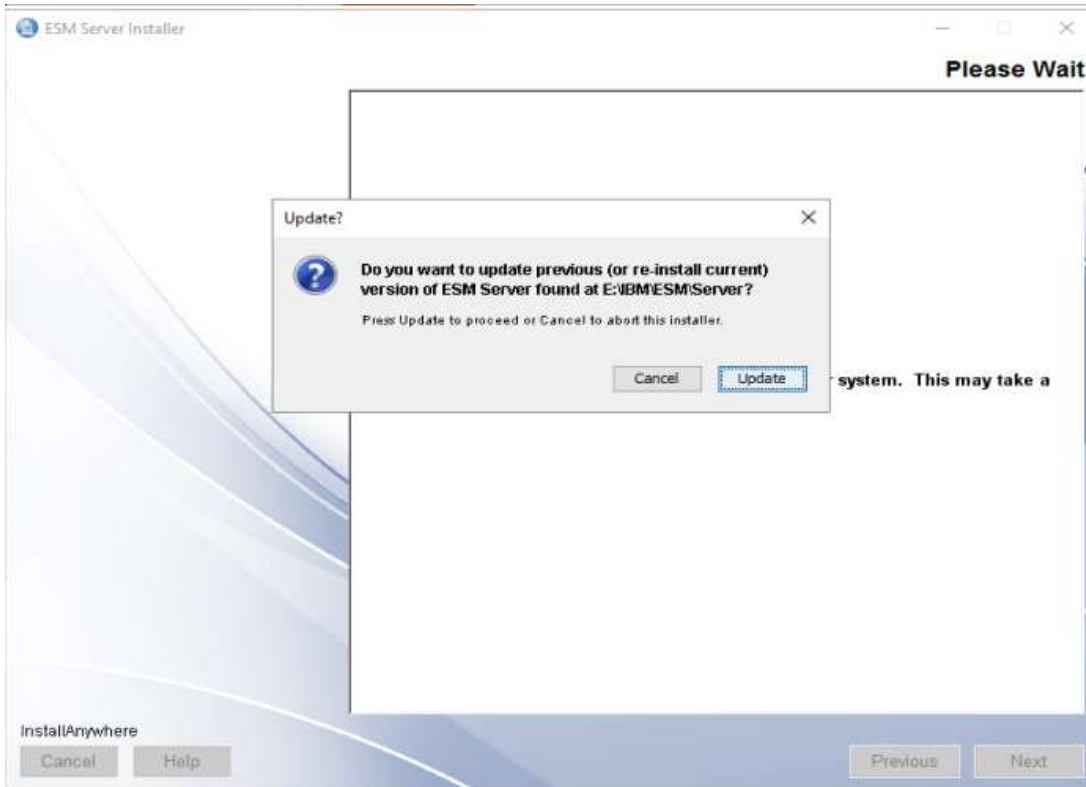


Mark, **I accept the terms in the license agreement** and continue with **Next.**
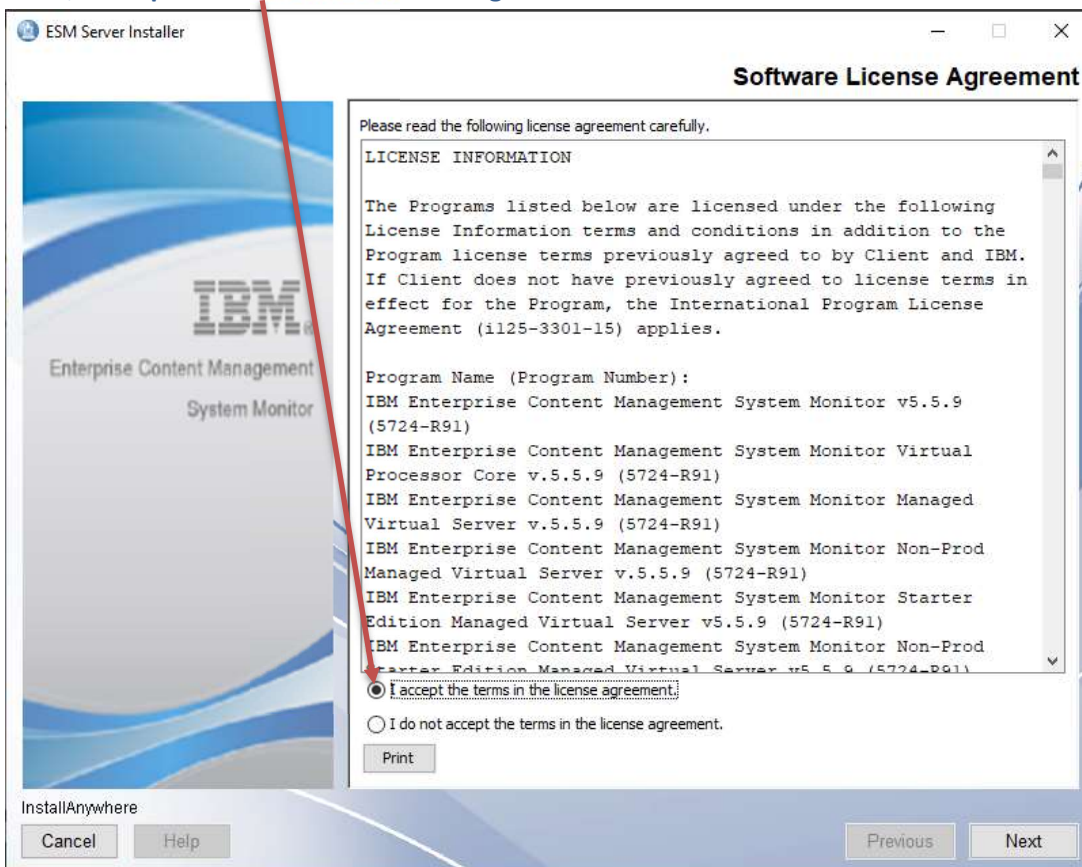
**Installation of ESM Server** – click on **Next** to continue.
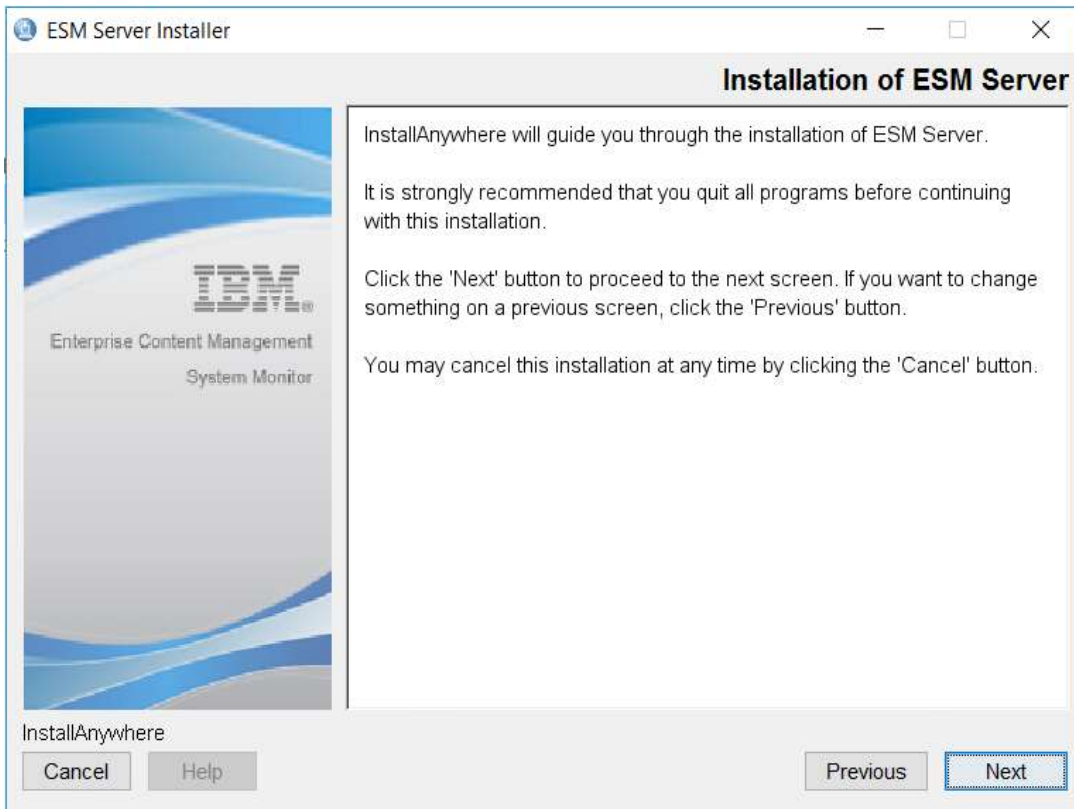


Installation Folder – take over installation path and continue with **Next.**
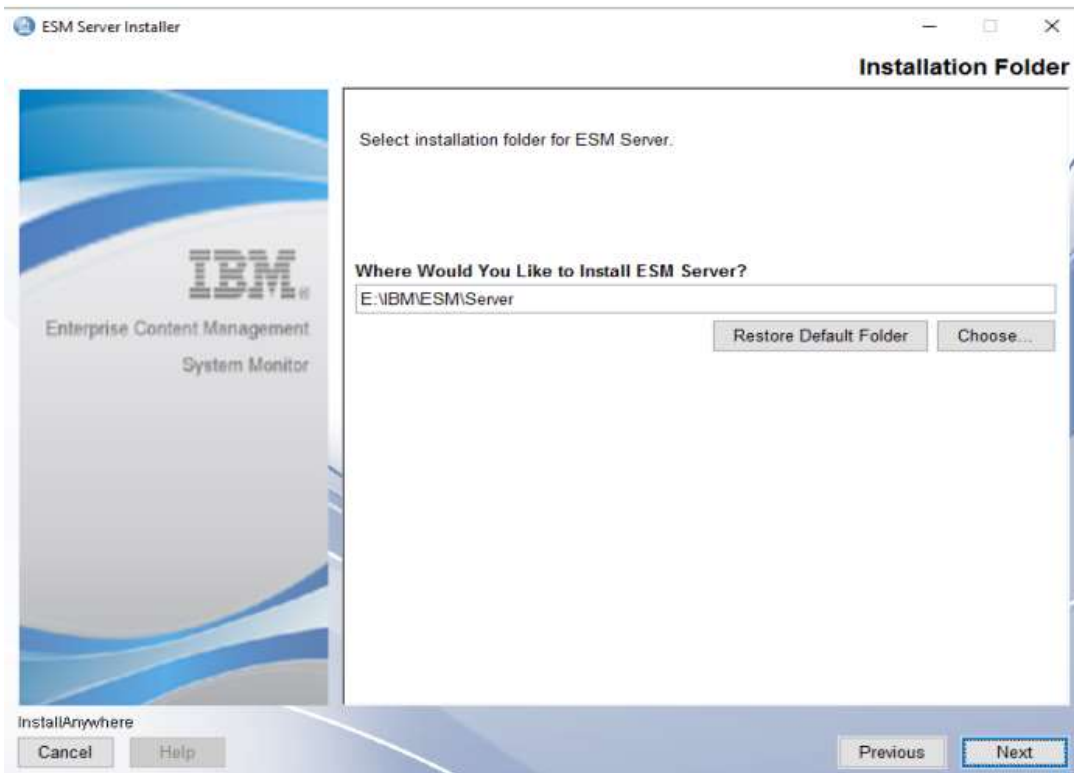
Take over Server Settings and continue with **Next.**



Take over Configuration Database Setting and continue with **Next.**

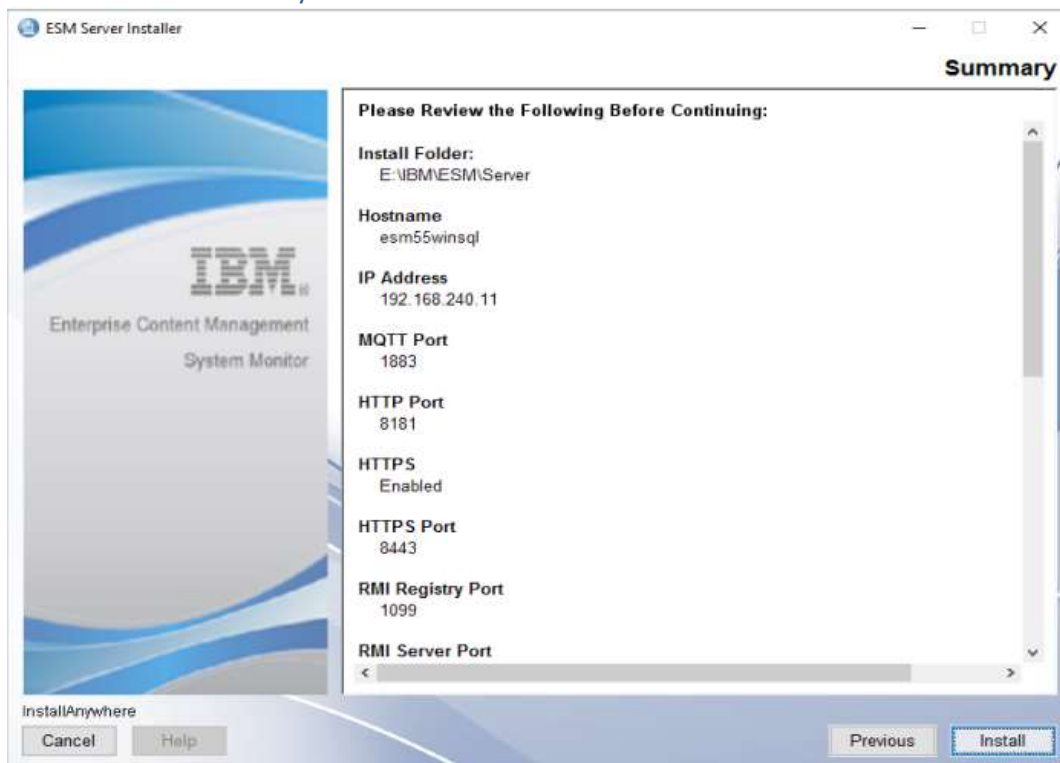Take over Monitoring Database Settings and continue with **Next**.
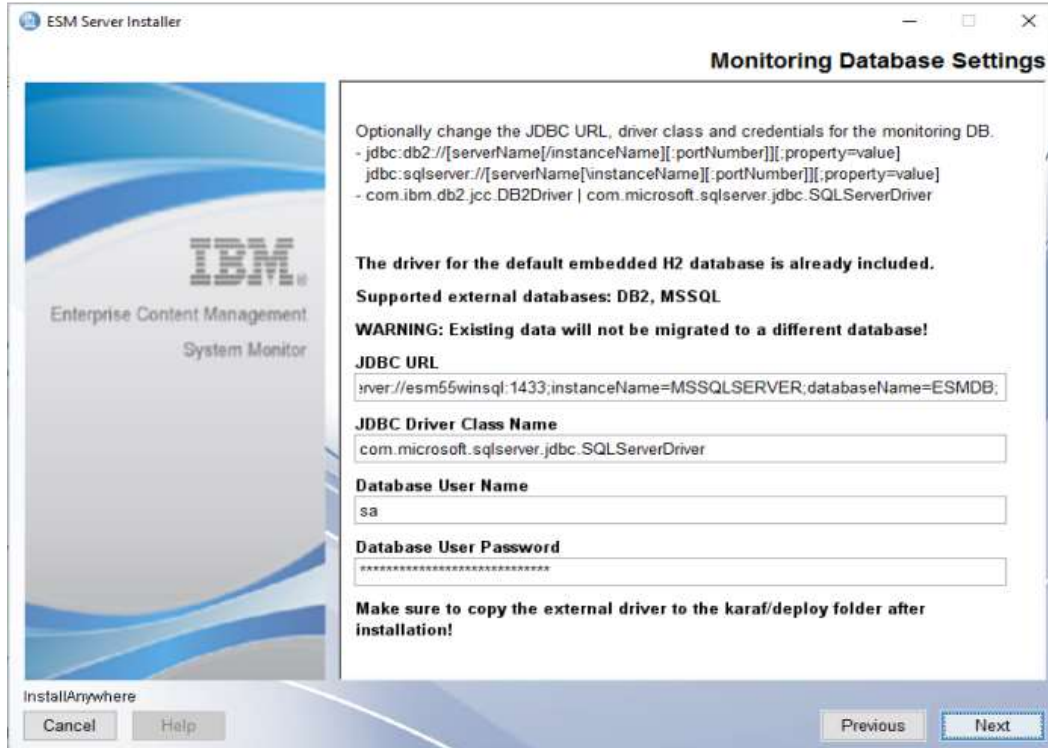


Take over Autostart and Systemstart options and continue with **Next.**
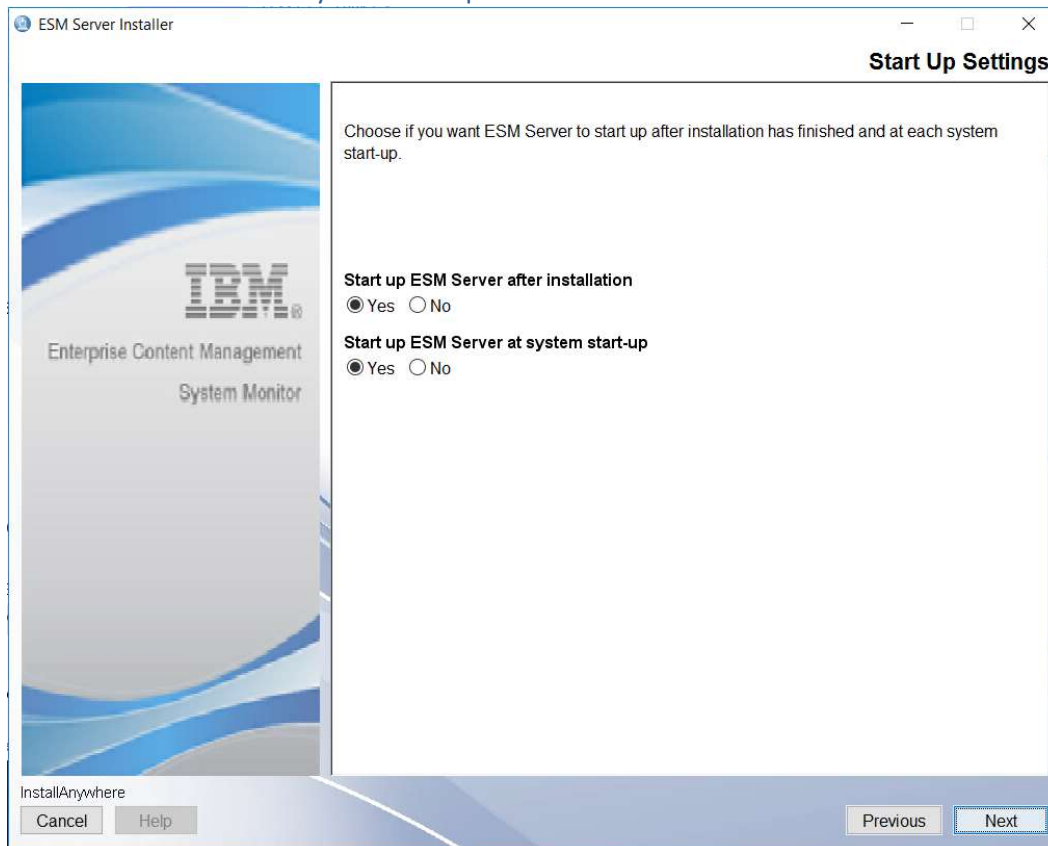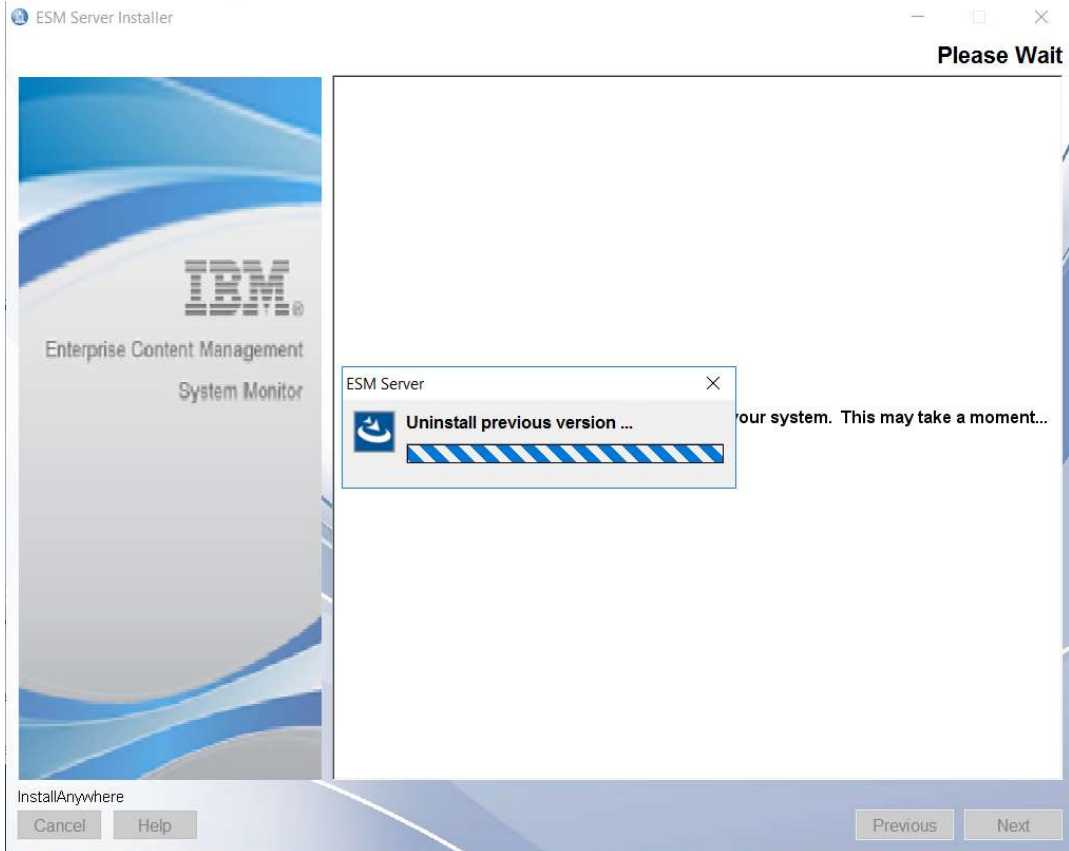
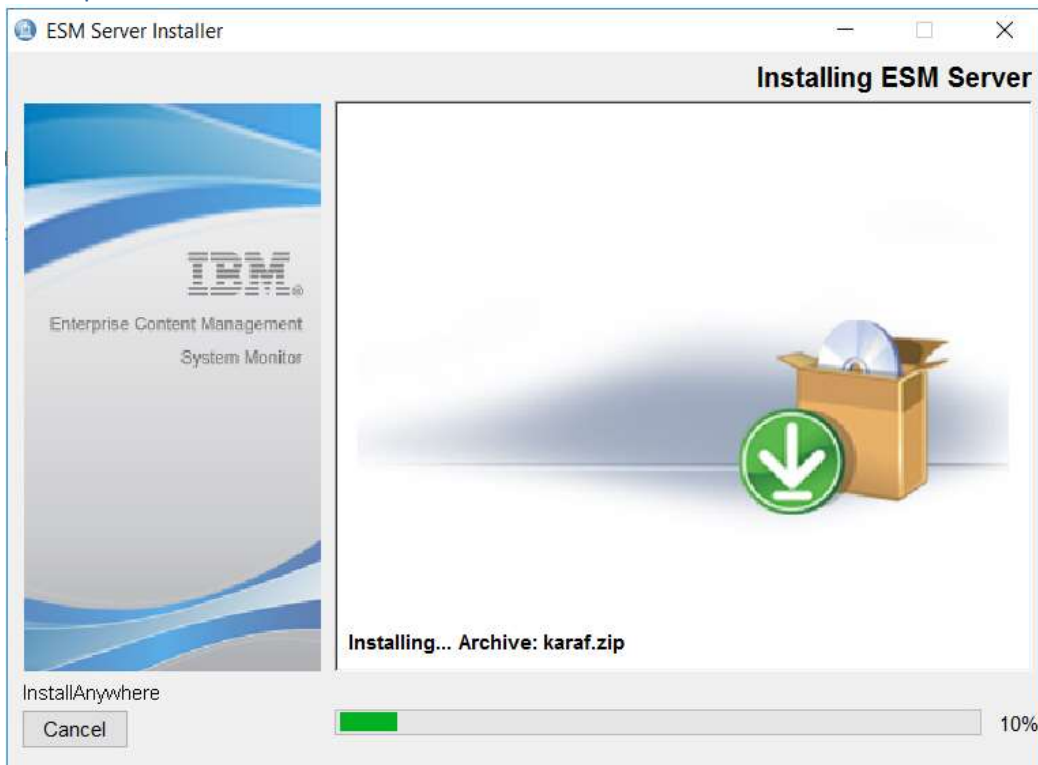Start Up Settings – we recommend to **Re-install the ESM Server Service**



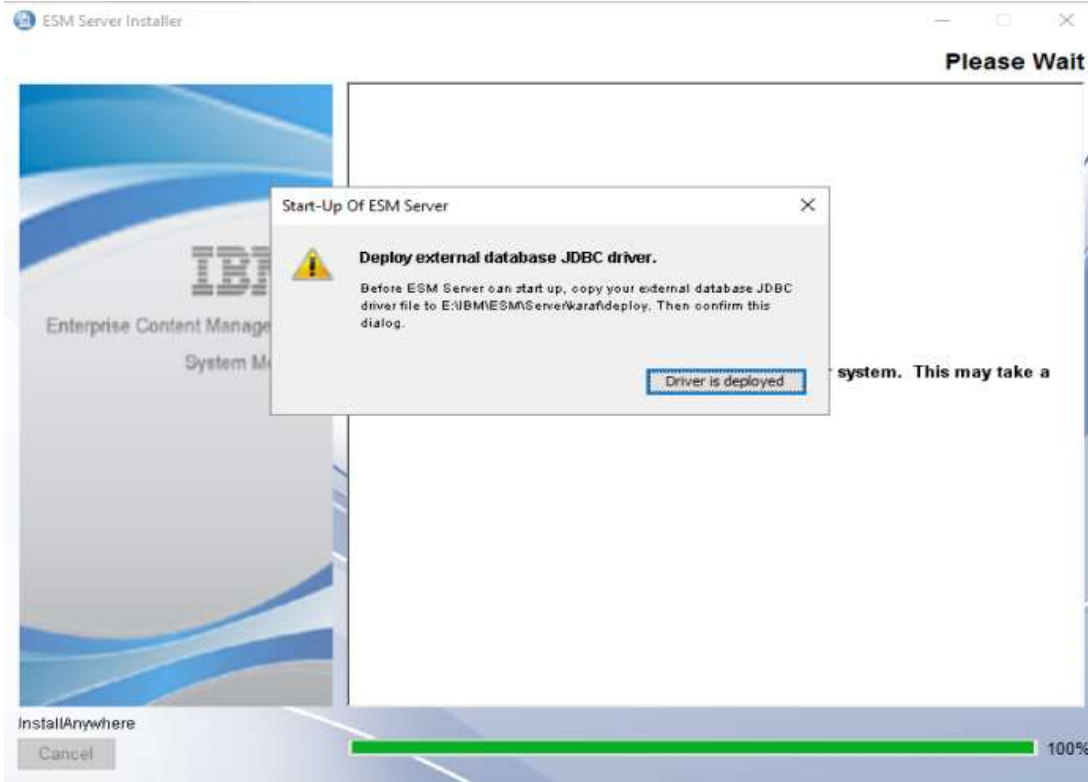Pre-Installation Summary – click on **Install.**

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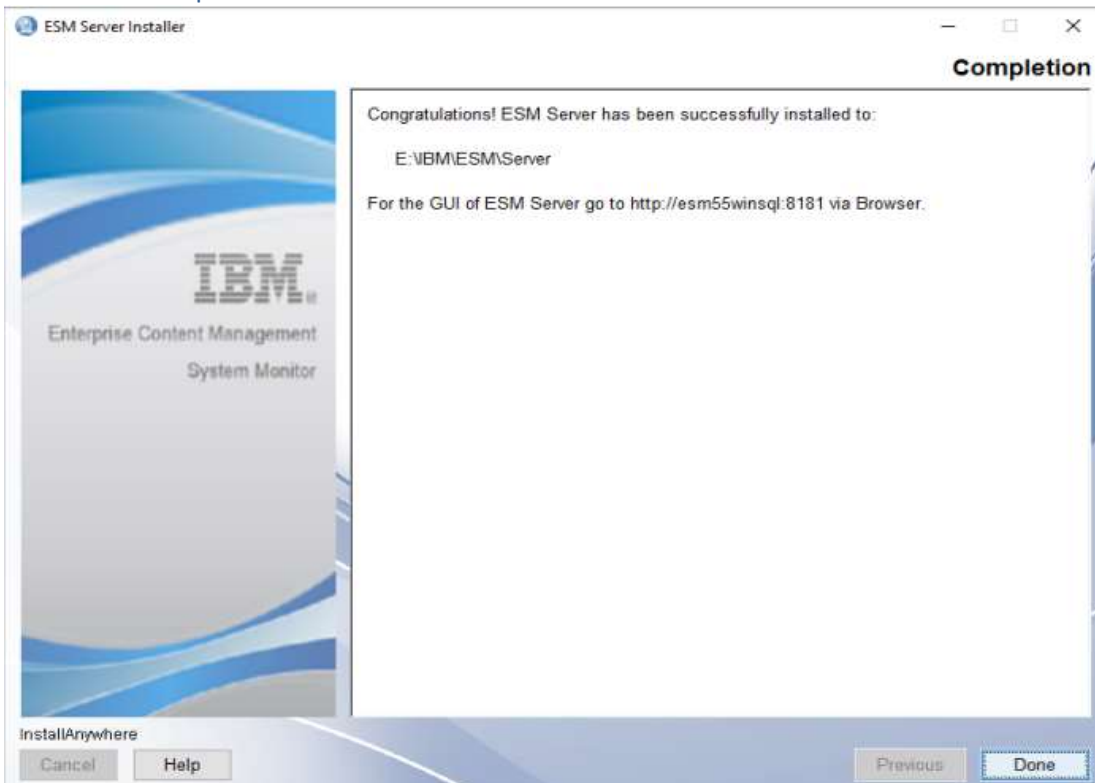


Install procedure starts.

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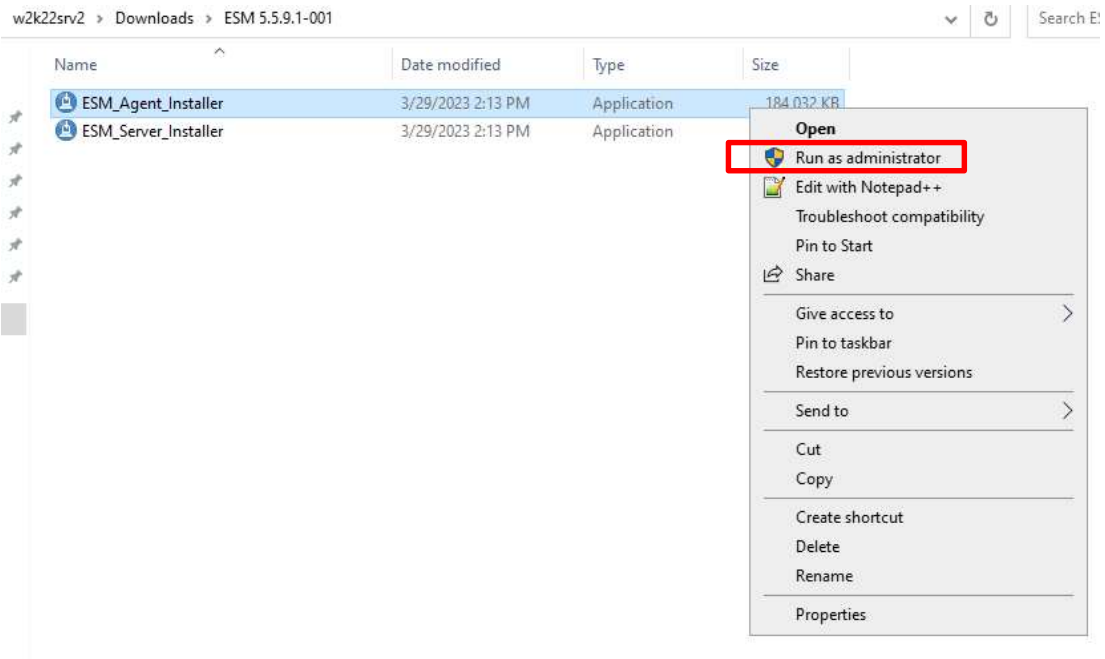


Installation complete – Click on **Done.**



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

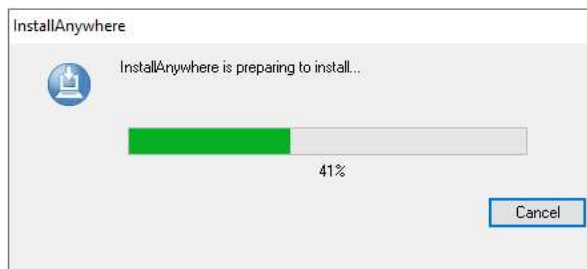## Upgrade of 5.5.9.1-000 Agent to 5.5.9.1-001

Execute installer binary ESM_Agent_Installer.

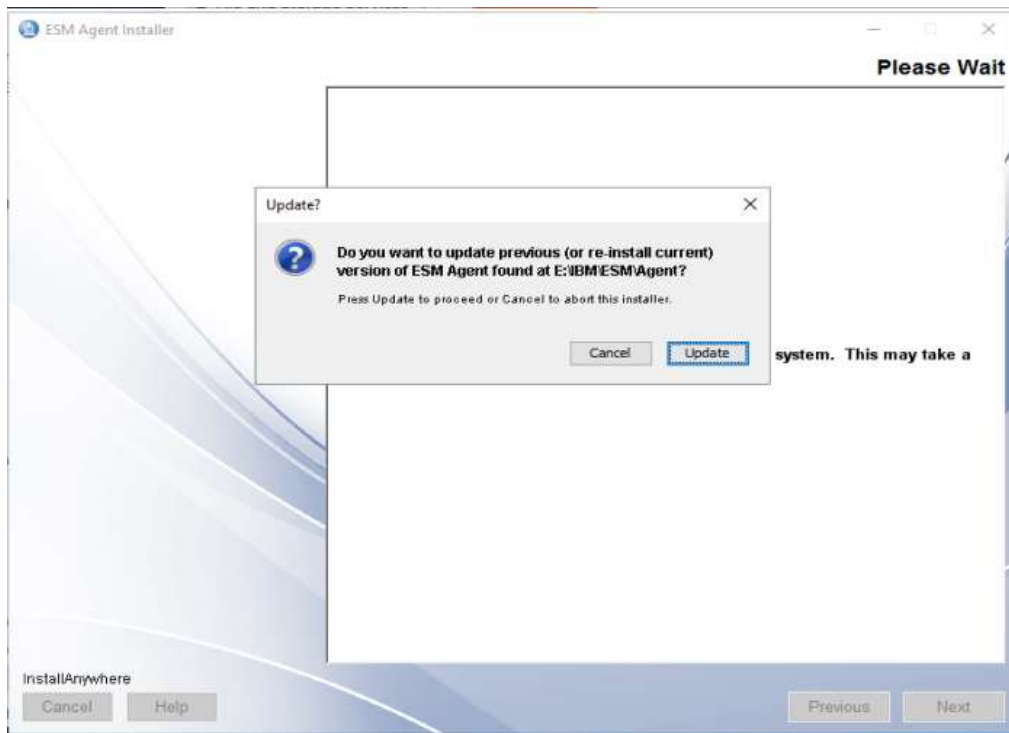Right mouse click on ESM_Agent_Installer and select **Run as Administrator.**
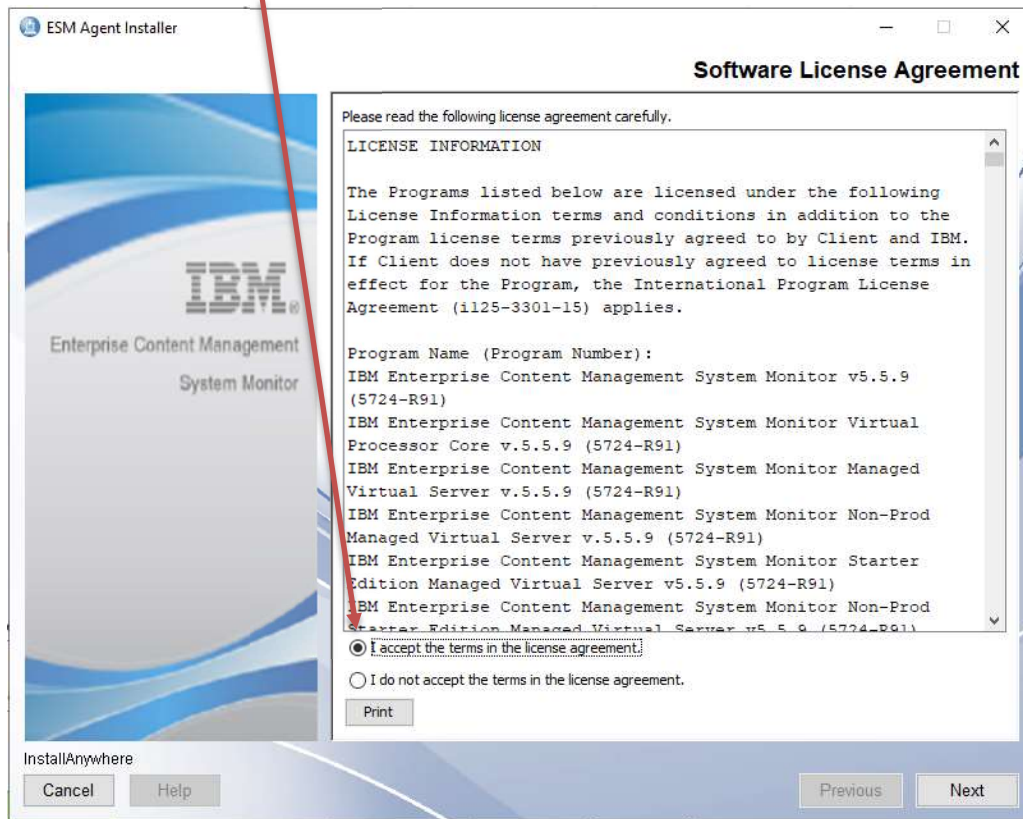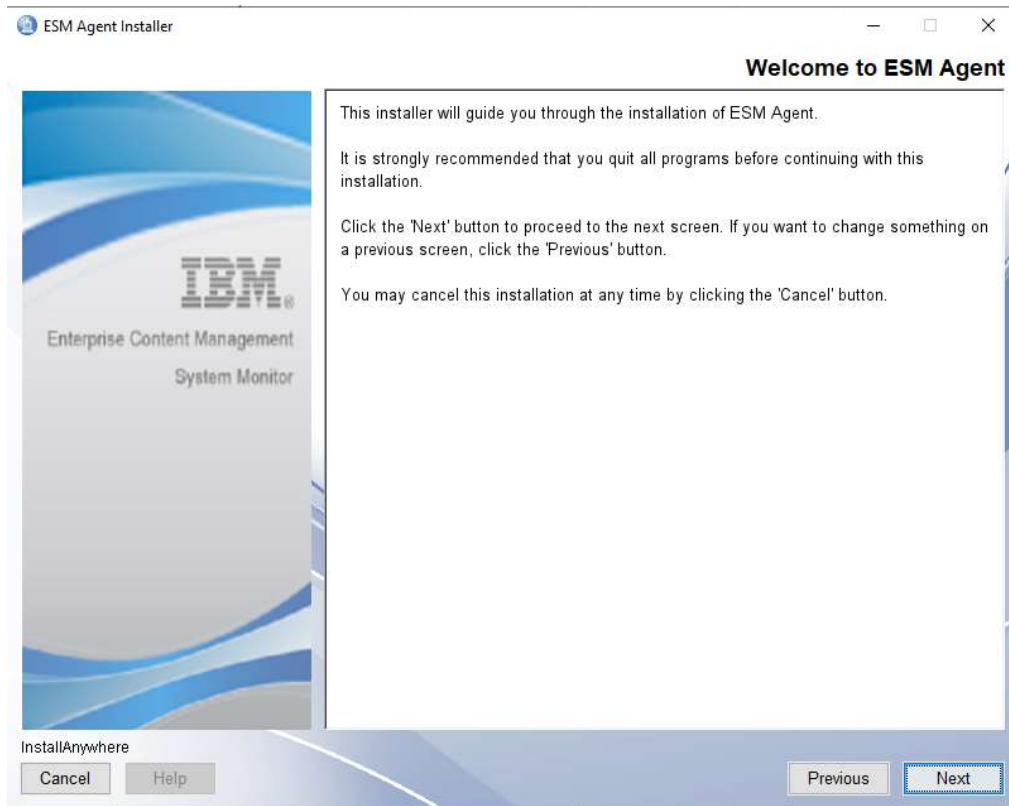


InstallAnywhere starts :

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 settings – take over settings and continue with **Next**.



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

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



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

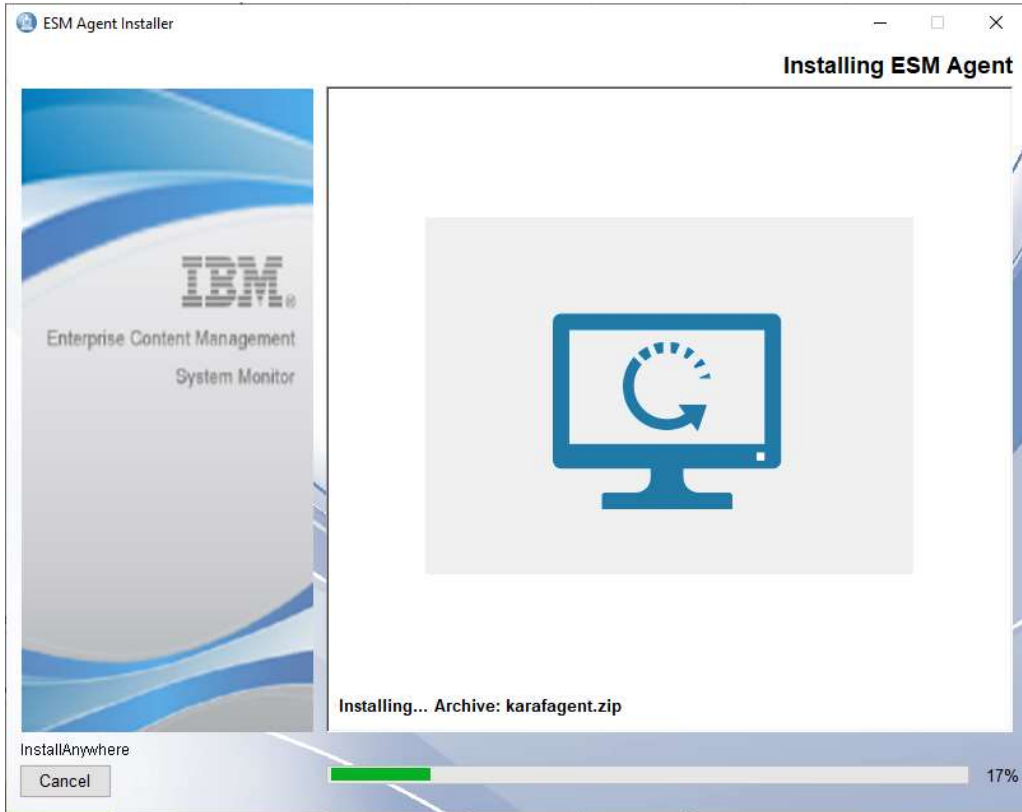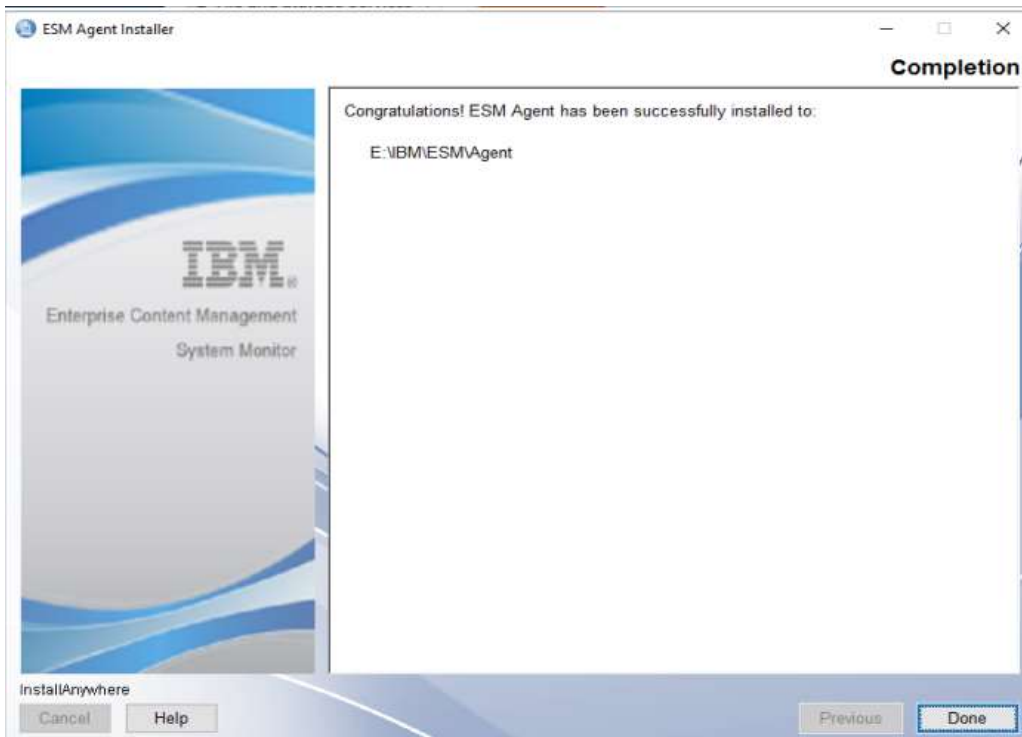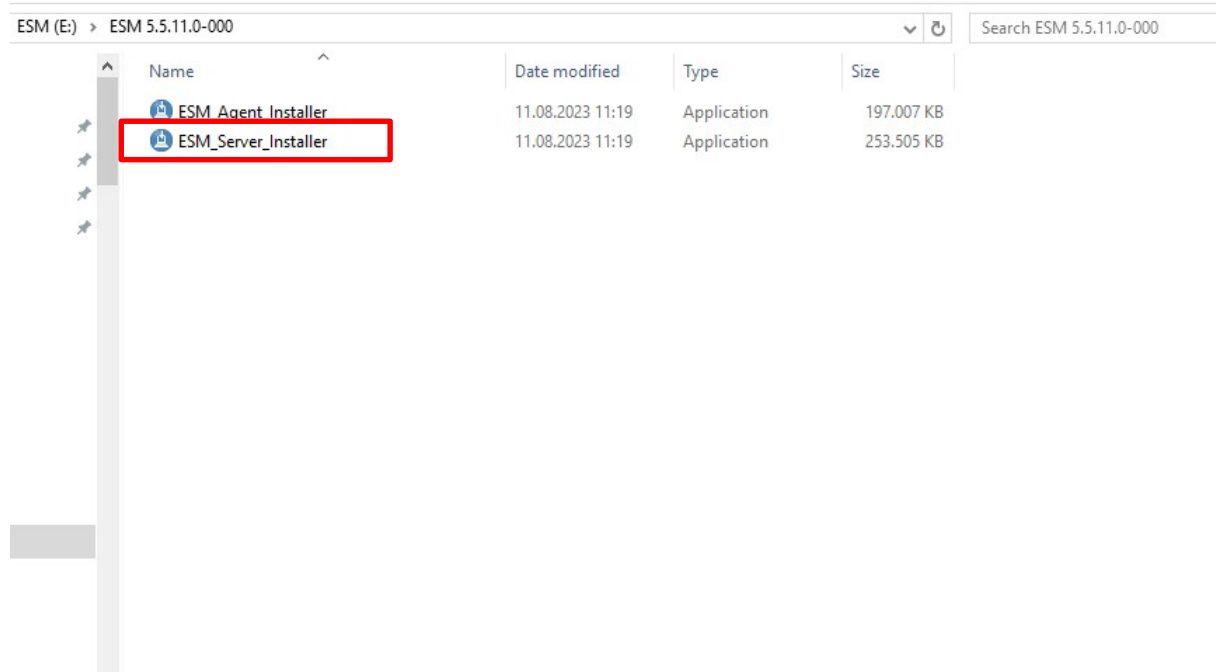Installing ESM Agent.



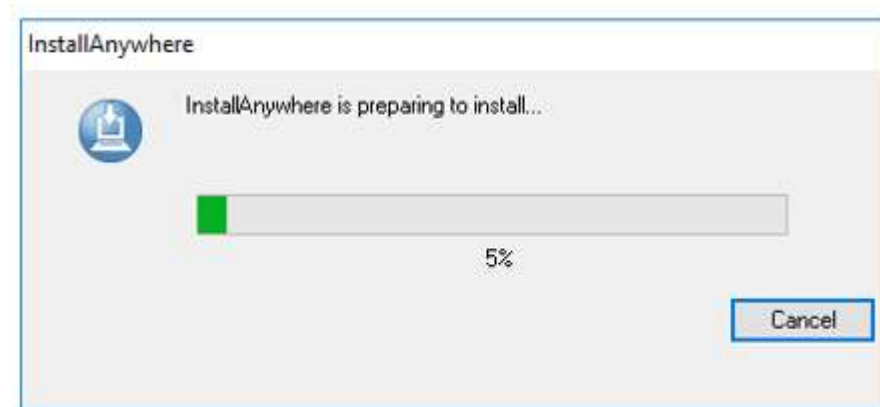Installation completed.

# Upgrade from 5.5.9.1-001 or higher

# Windows Server with MSSQL DB

Execute ESM Server 5.5.11.0-000 installer binary.
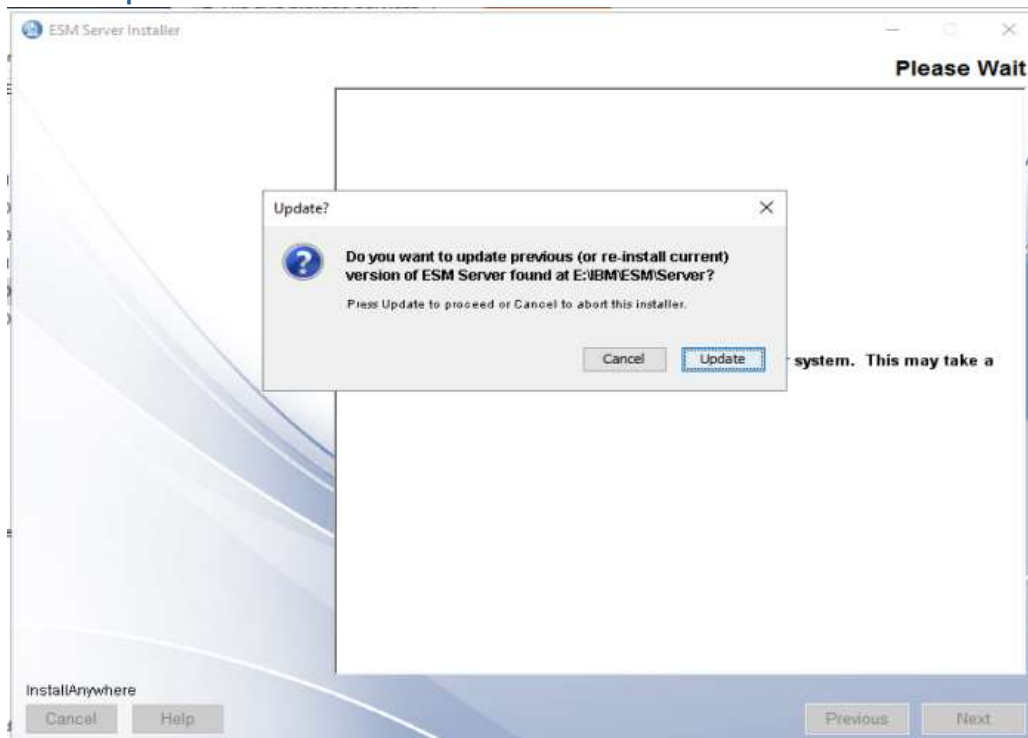Right mouse click on ESM_Server_Installer and select **Run as administrator.**
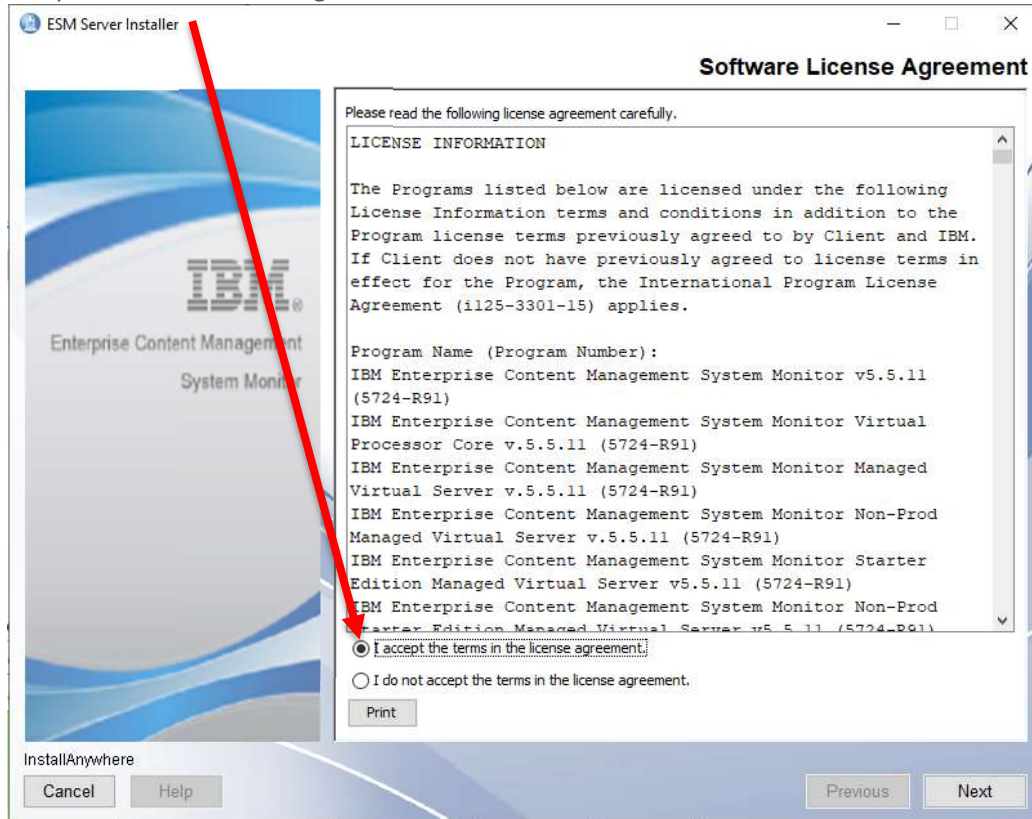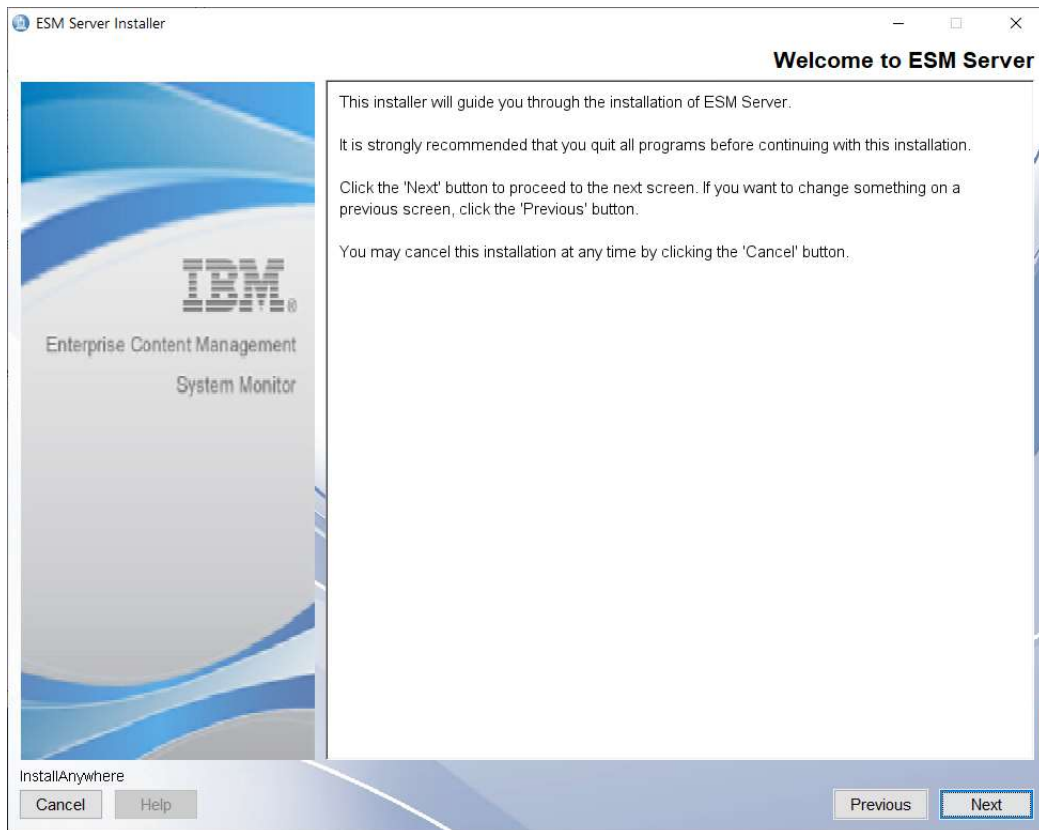


InstallAnywhere starts :

Click on **Update** to continue.

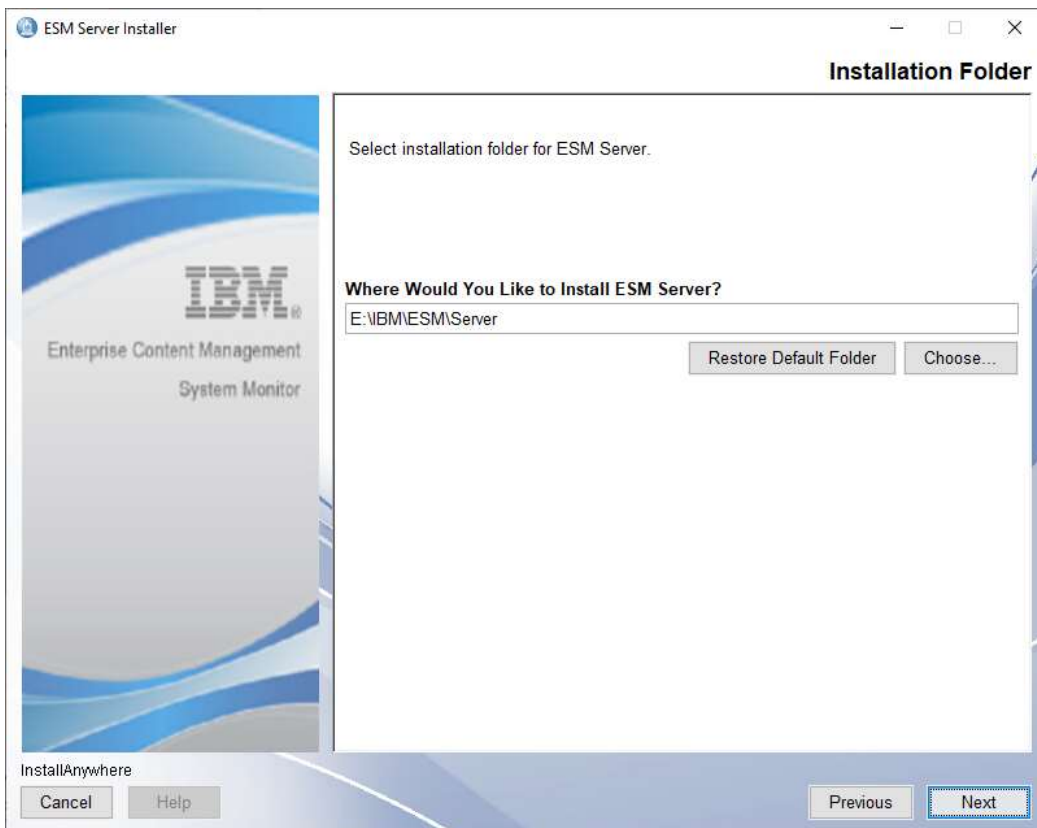Accept Software License Agreement – continue with **Next.**



Install Anywhere – Welcome page – continue with **Next.**

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



Take over ESM Server Settings – continue with **Next.**

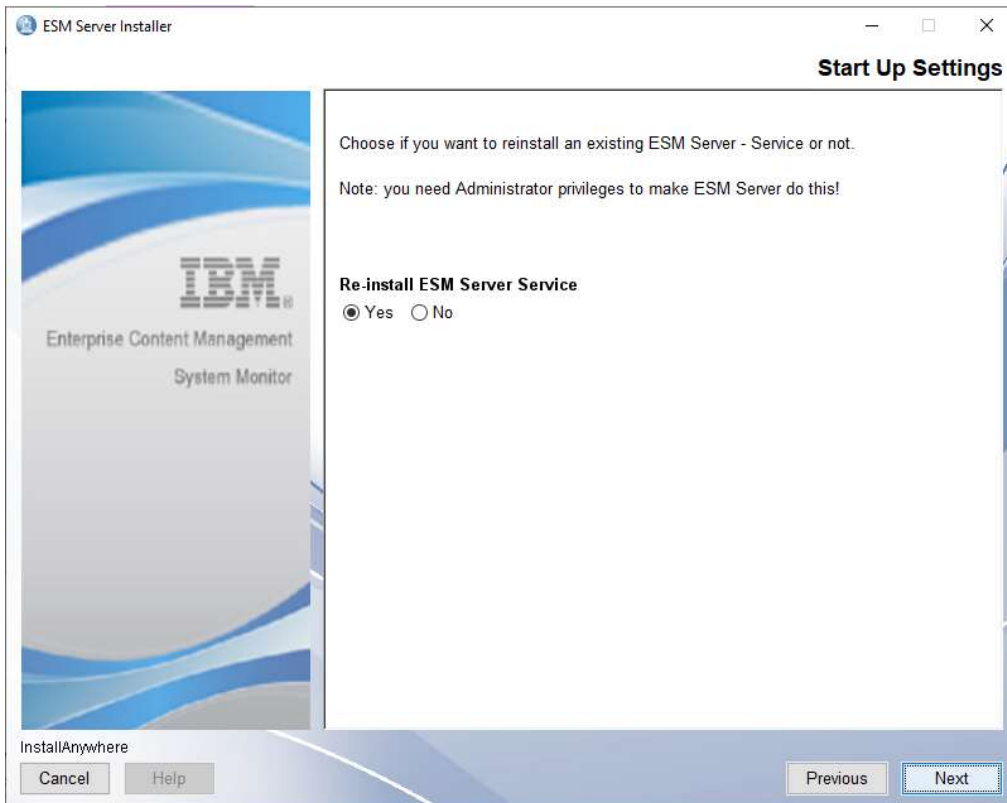Configuration Database Settings – take over setting and continue with **Next.**



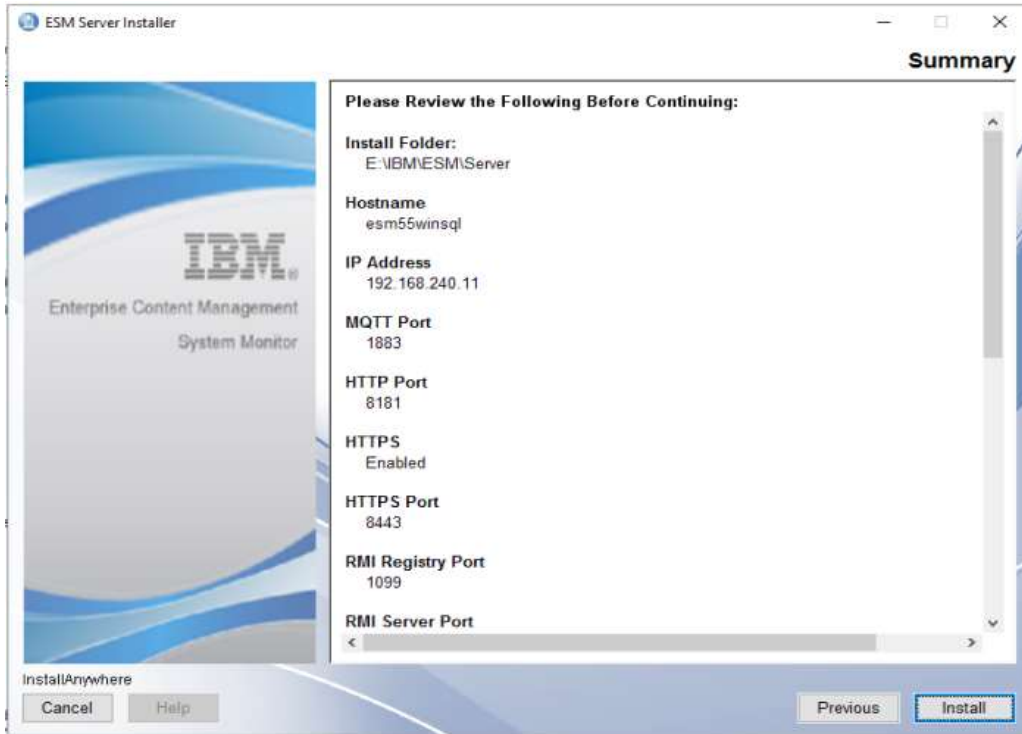Monitoring Database Settings – take over setting and continue with **Next.**

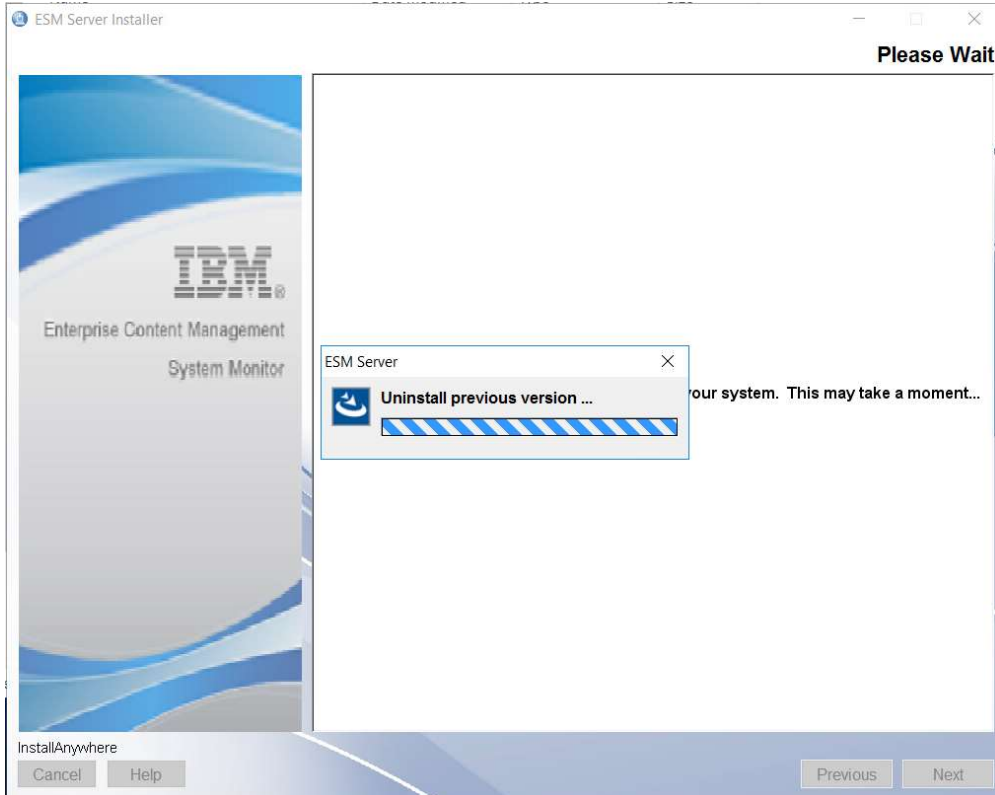Take over start up settings – continue with **Next.**



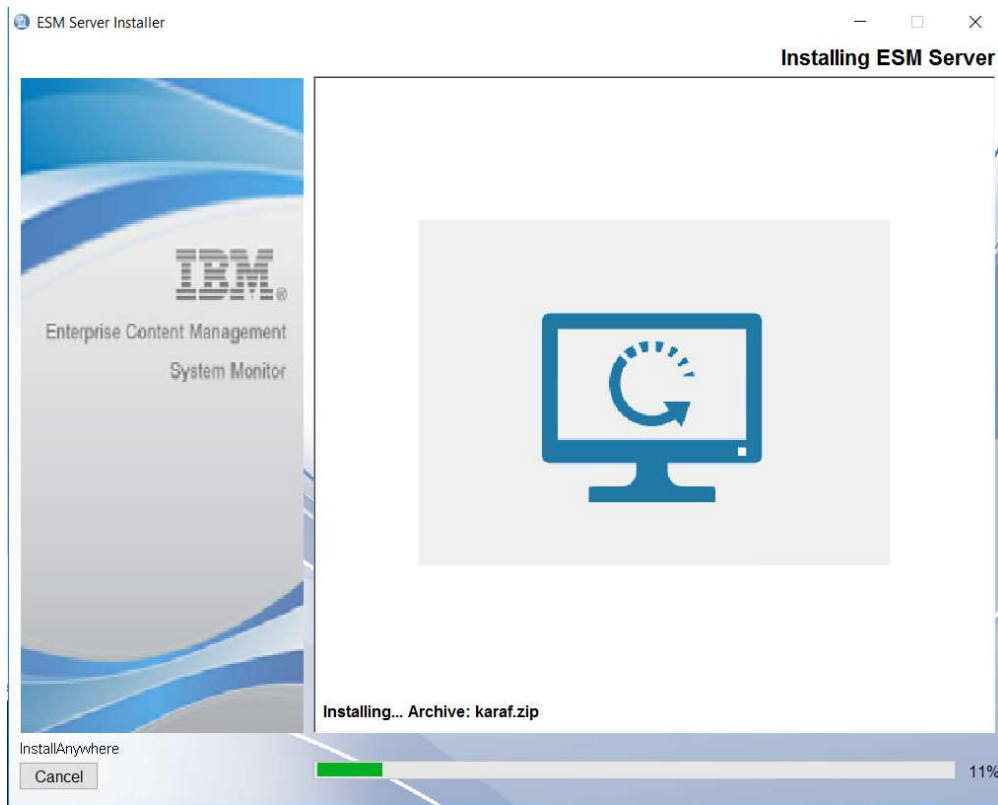Start Up Settings – we recommend to Re-Install ESM Server Service,

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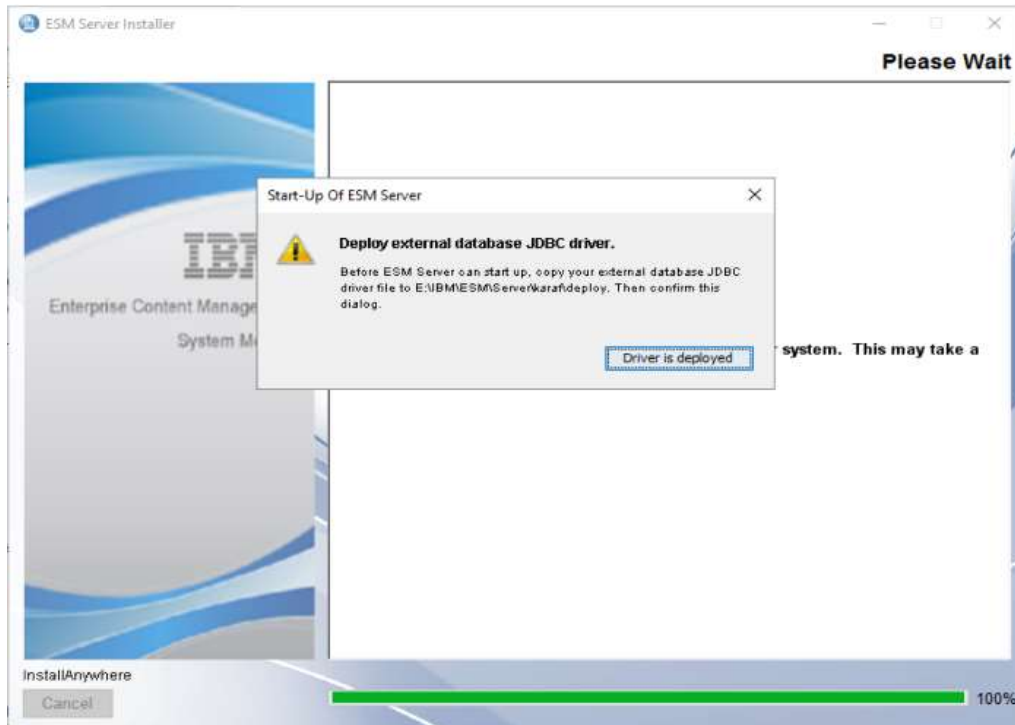


Uninstall previous version and backups environment and configuration files.
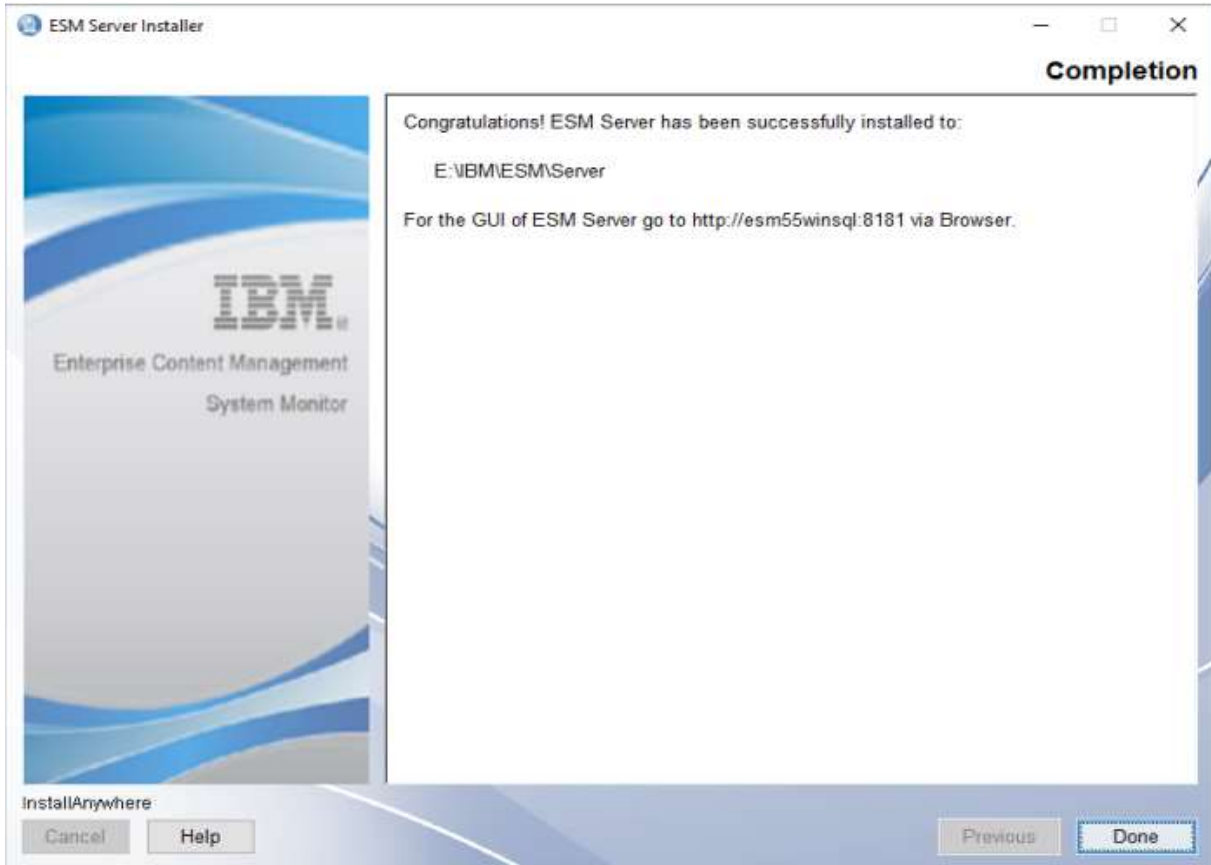
Installing ESM Server.



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

Installation completed – click on **Done.**



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

# 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...
```
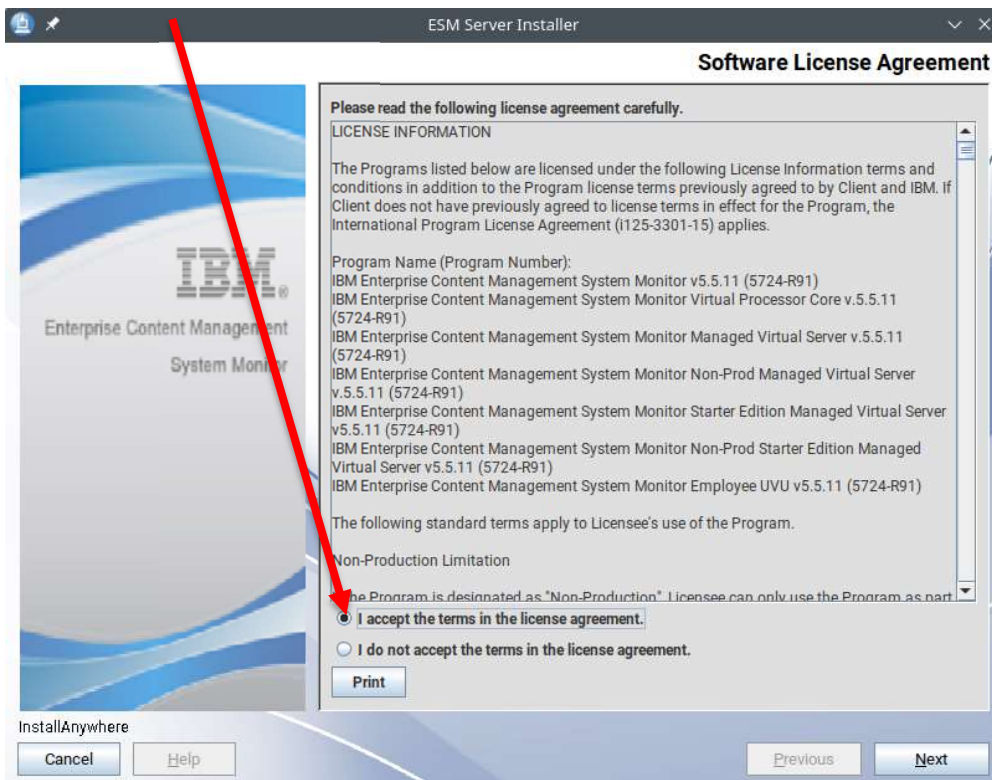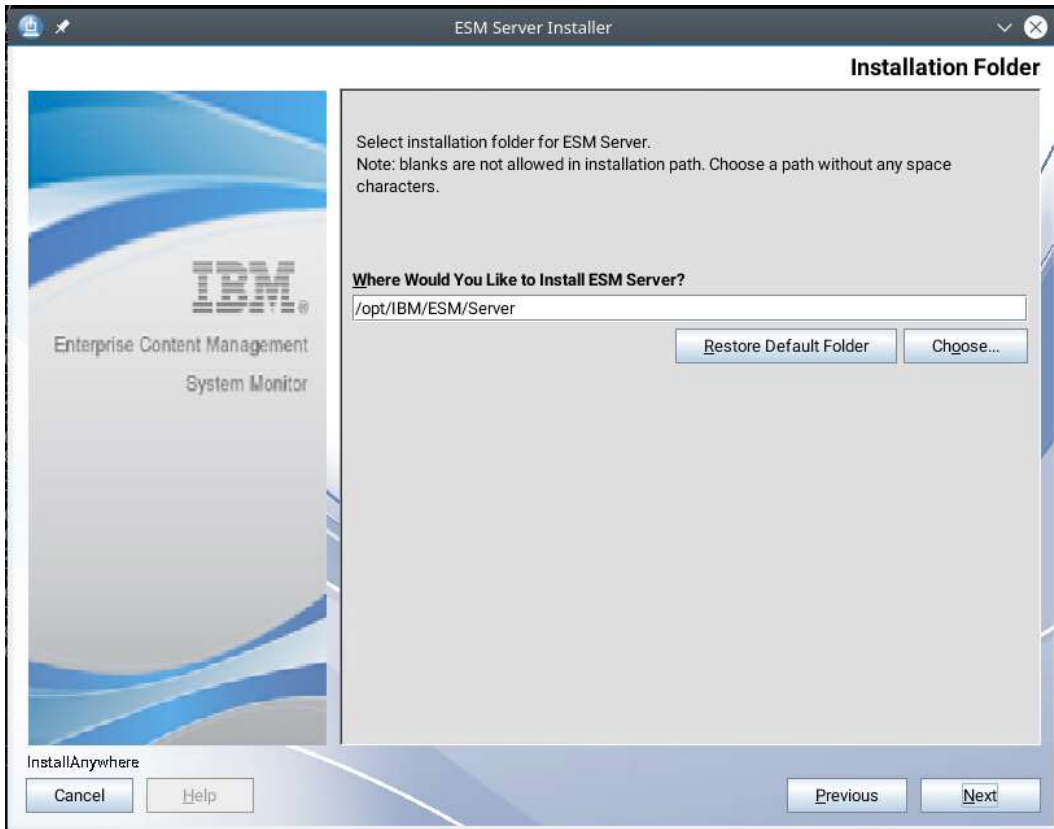
Click on **Update** to continue
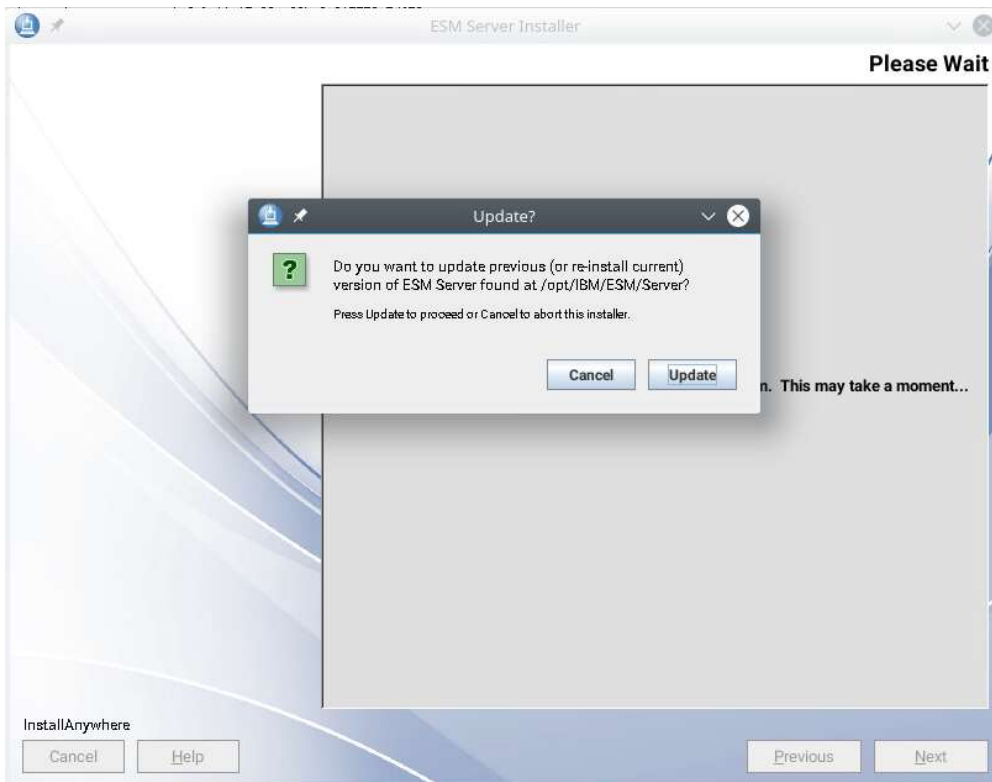


Accept license agreement – continue with **Next**

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



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

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



Configuration Database setting – take over – continue with **Next.**

Monitoring Database settings – take over – continue with **Next**.



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

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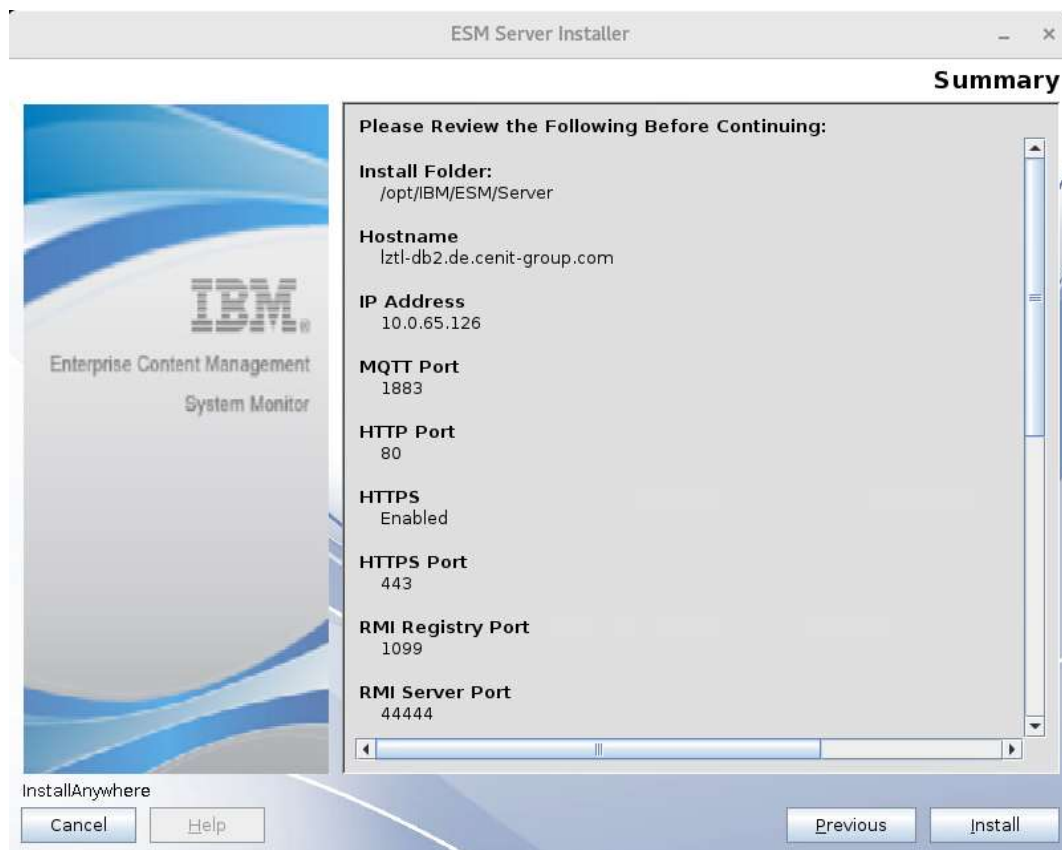


Installing ESM Server
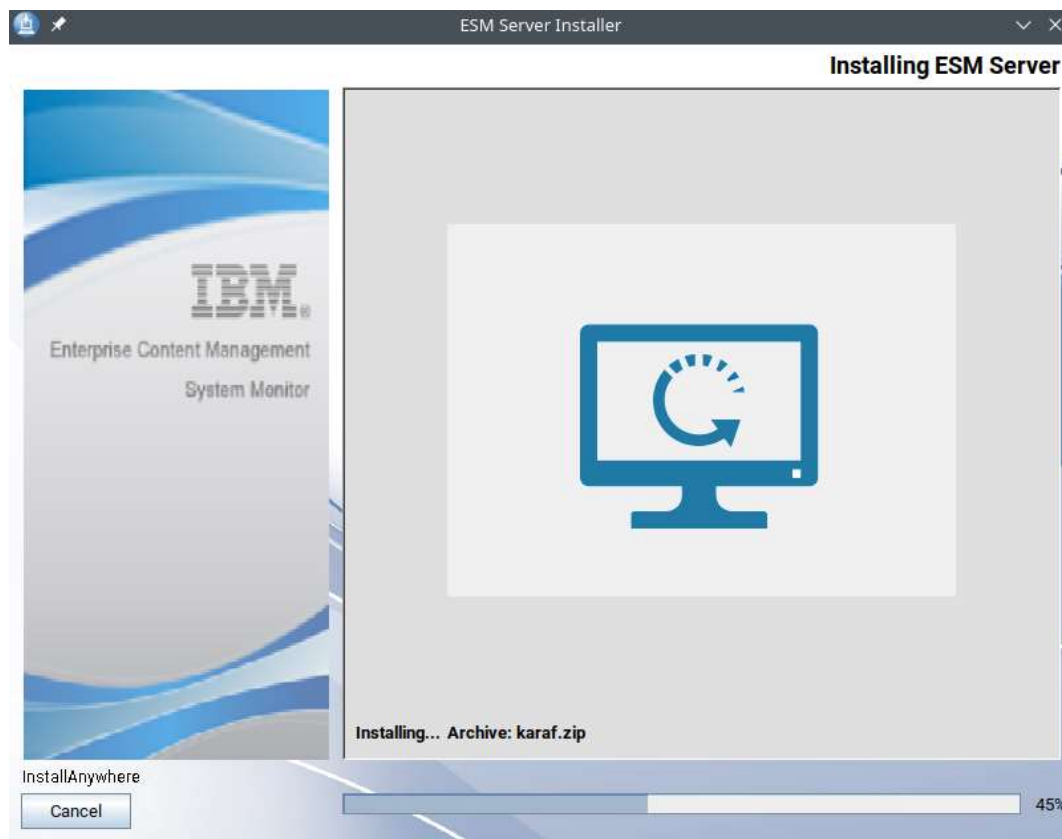
Installation completed – click on **Done** to finish.



## 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>
```
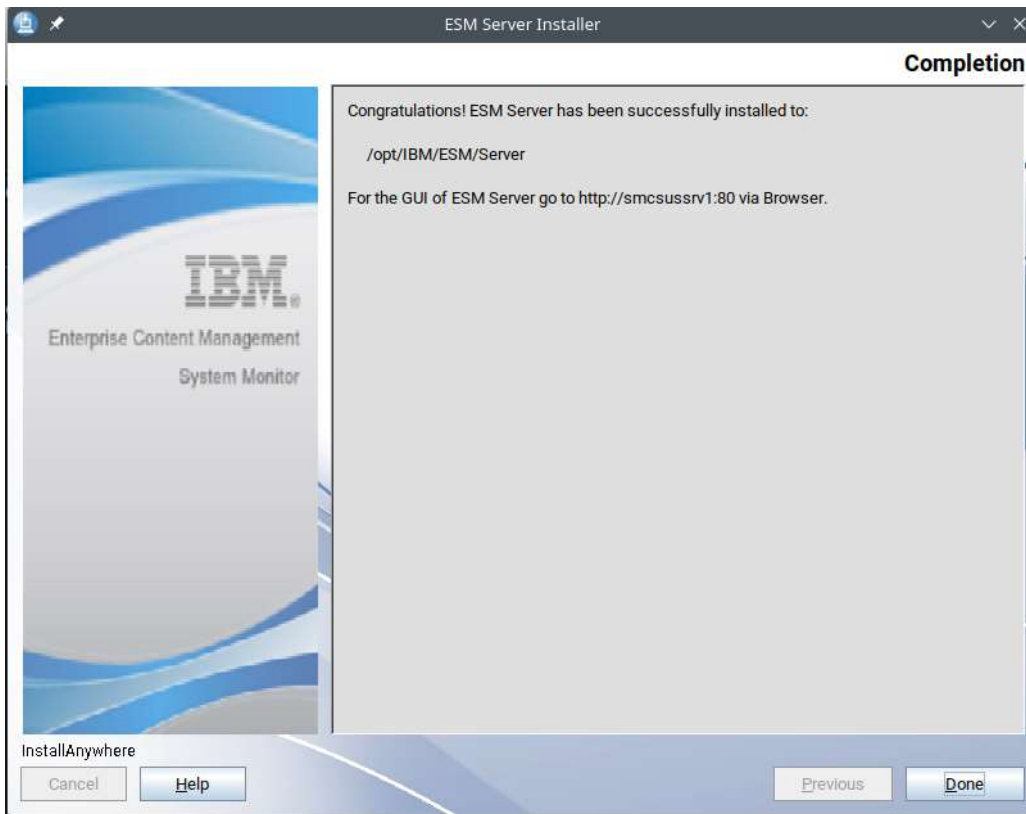
# Windows Agent and UNIX Agent

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
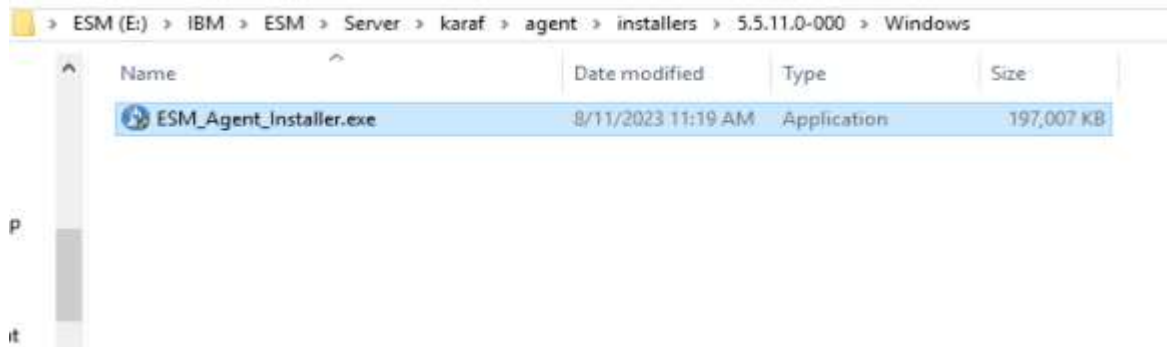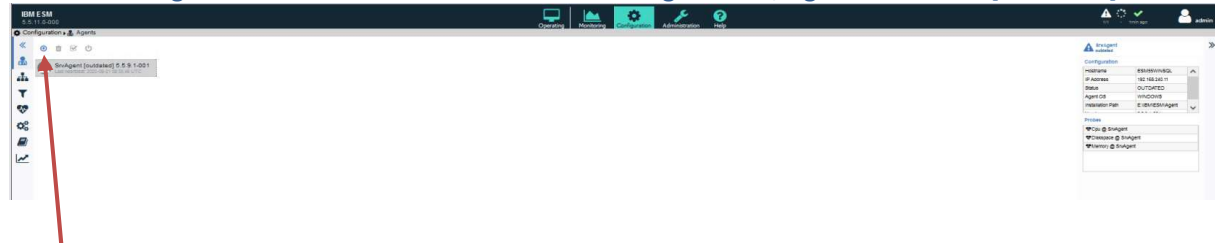


For UNIX Agent copy the ESM_Agent_Installer.bin to

/opt/IBM/ESM/Server/karaf/agent/installers/5.5.11.0-000/Linux-x86_64
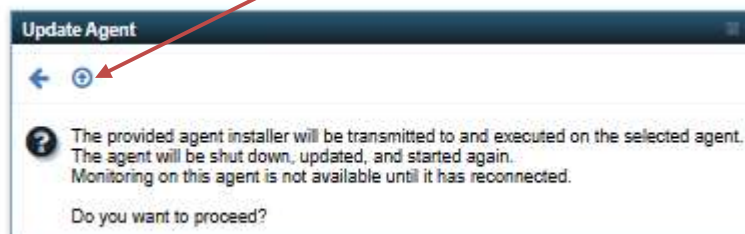
Login to IBM ESM Server web console with admin/admin

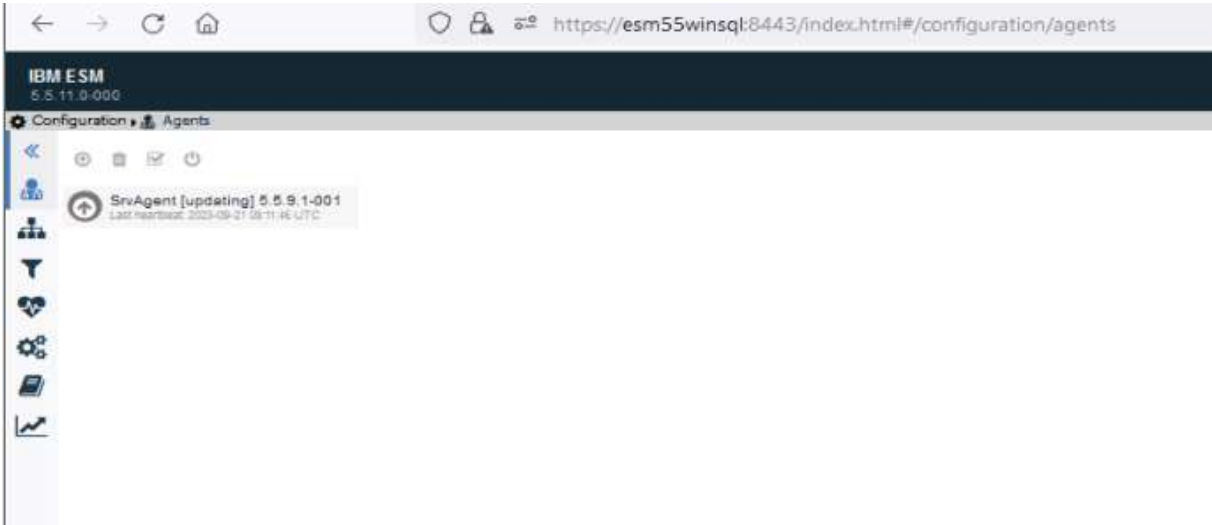Click on Configuration item and in left sidebar on the Agent icon, Agent has status [outdated] :



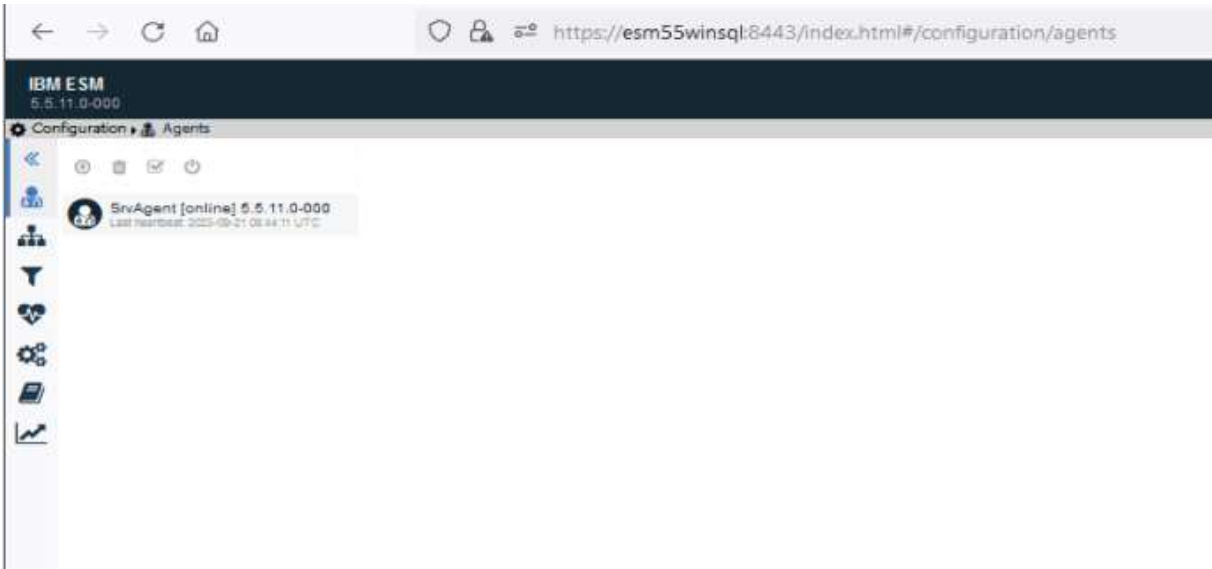Click on the small Update Agent symbol to update Agent.

Click on the update icon to proceed.



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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 ECM.SystemMonitor@cenit.com.

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