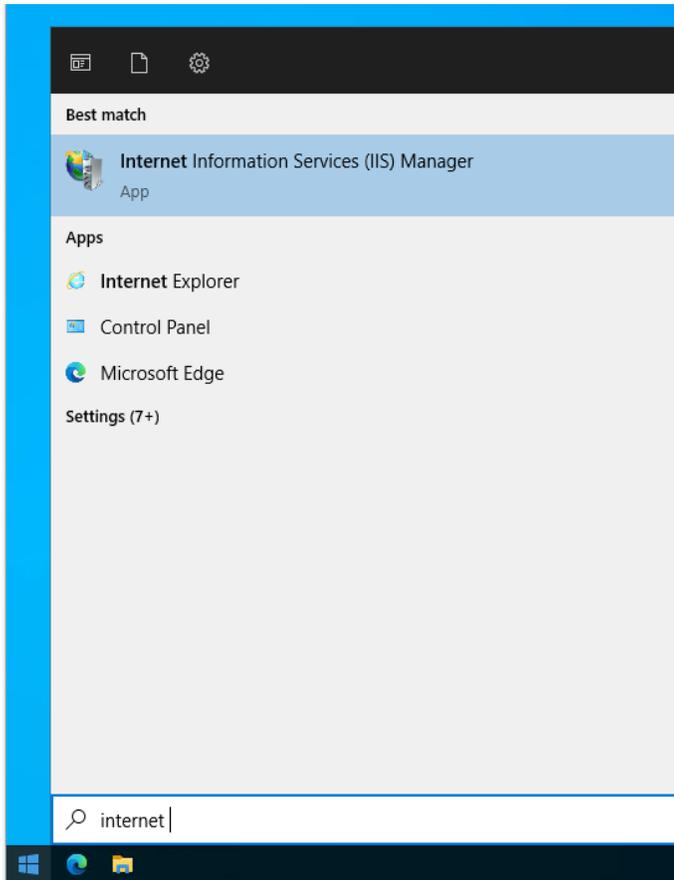


Upgrade SQL Server 2016 and Lower to 2022

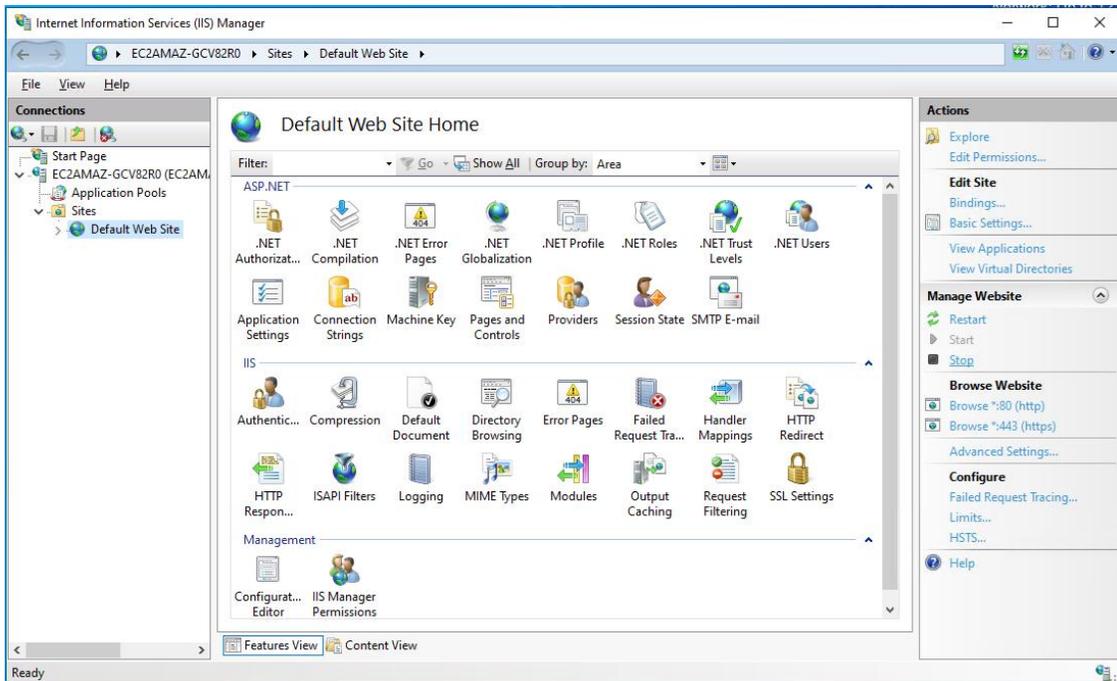
This document describes how to upgrade the SQL Server 2016 and lower tools used by INFINIAS to SQL Server 2022. It assumes the defaults which are normally assigned by the INFINIAS installation.

Stop INFINIAS Processes

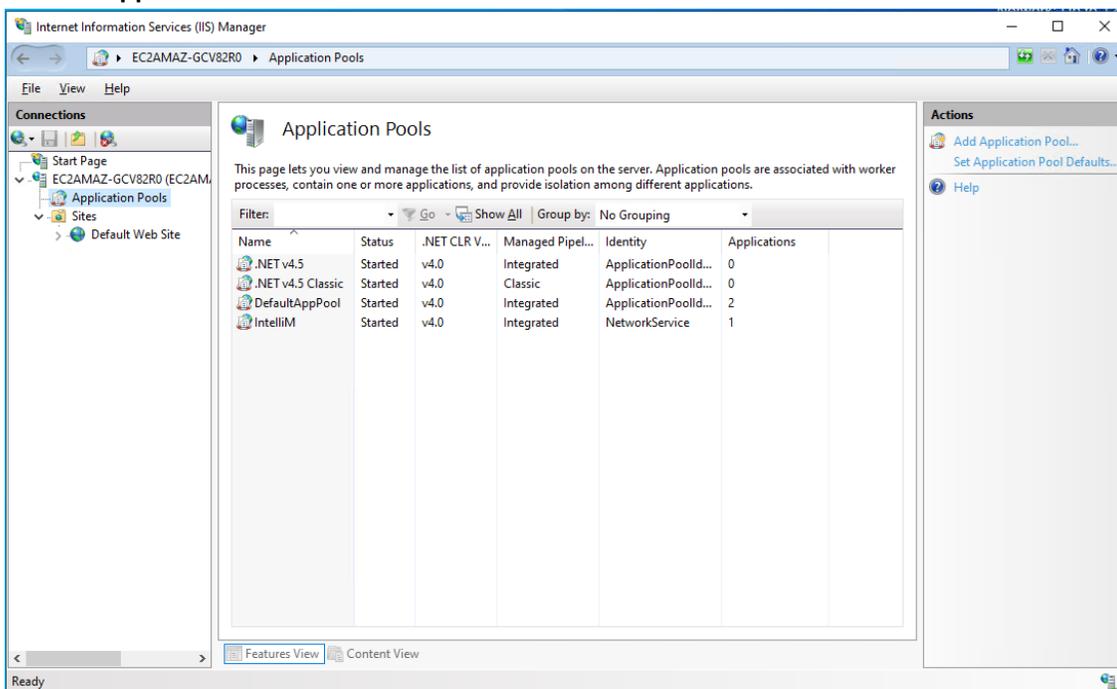
1. Stop the INFINIAS website.
 - a. Open **Internet Information Services (IIS) Manager** by clicking on the Windows button and typing “Internet”.



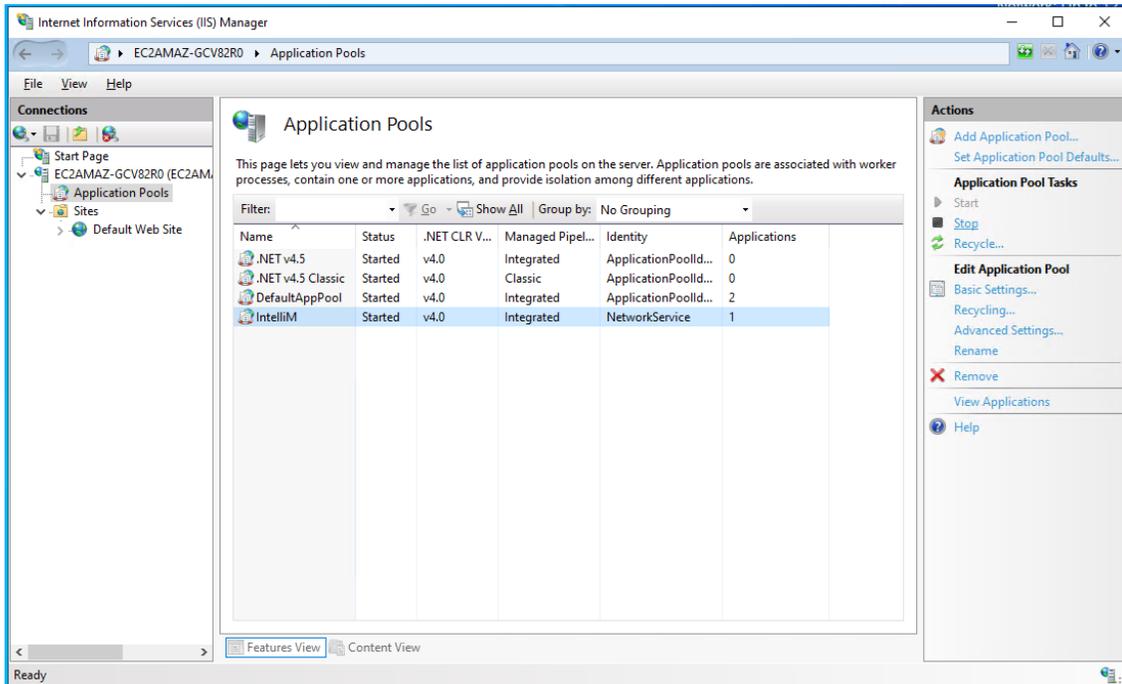
- b. On the left side, click on the **machine name** -> **Sites** -> **Default Web Site** and click on **Stop** under **Manage Website** on the right.



2. Stop the INFINIAS application pool.
 a. Click on **Application Pools** on the left.

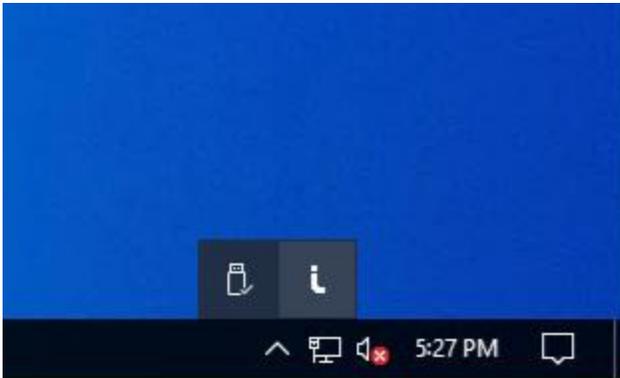


- b. Click on the **IntelliM** application pool row. Click **Stop** on the right.

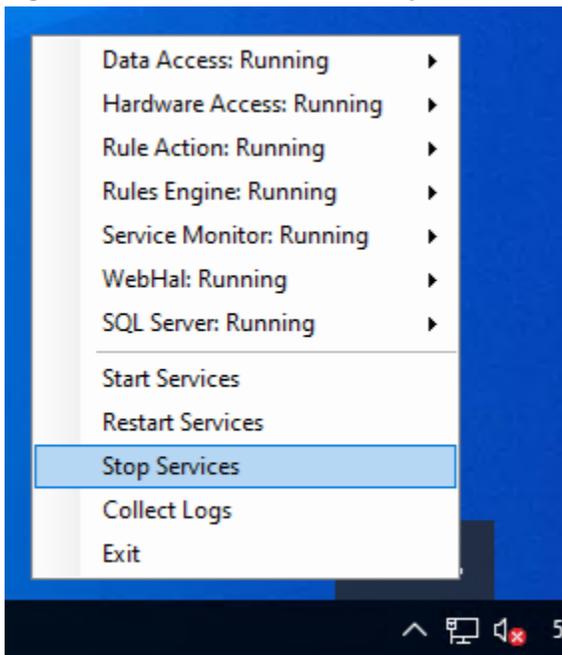


3. Stop the INFINIAS services on the new server.

- a. Find the **3xlogicServiceWatch** application running in the taskbar. It shows as lower-case 'i'.

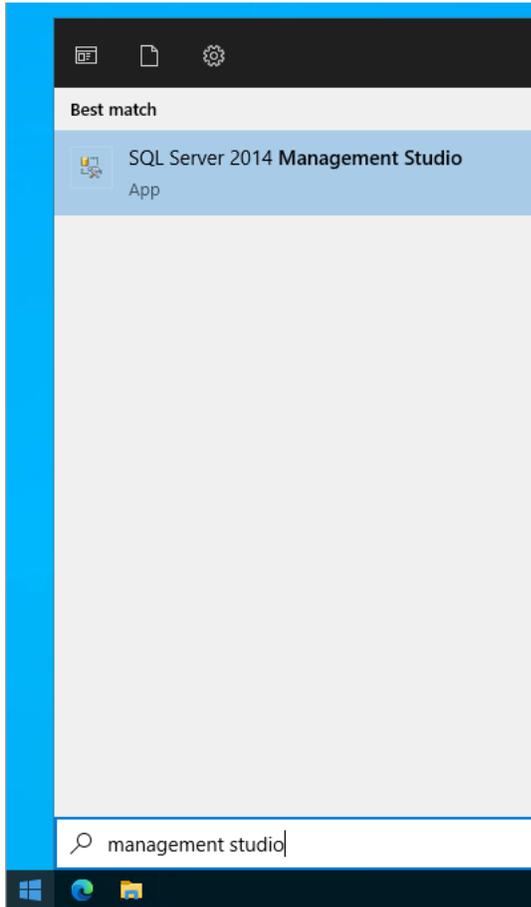


- b. Right click on the icon and click **Stop Services**.



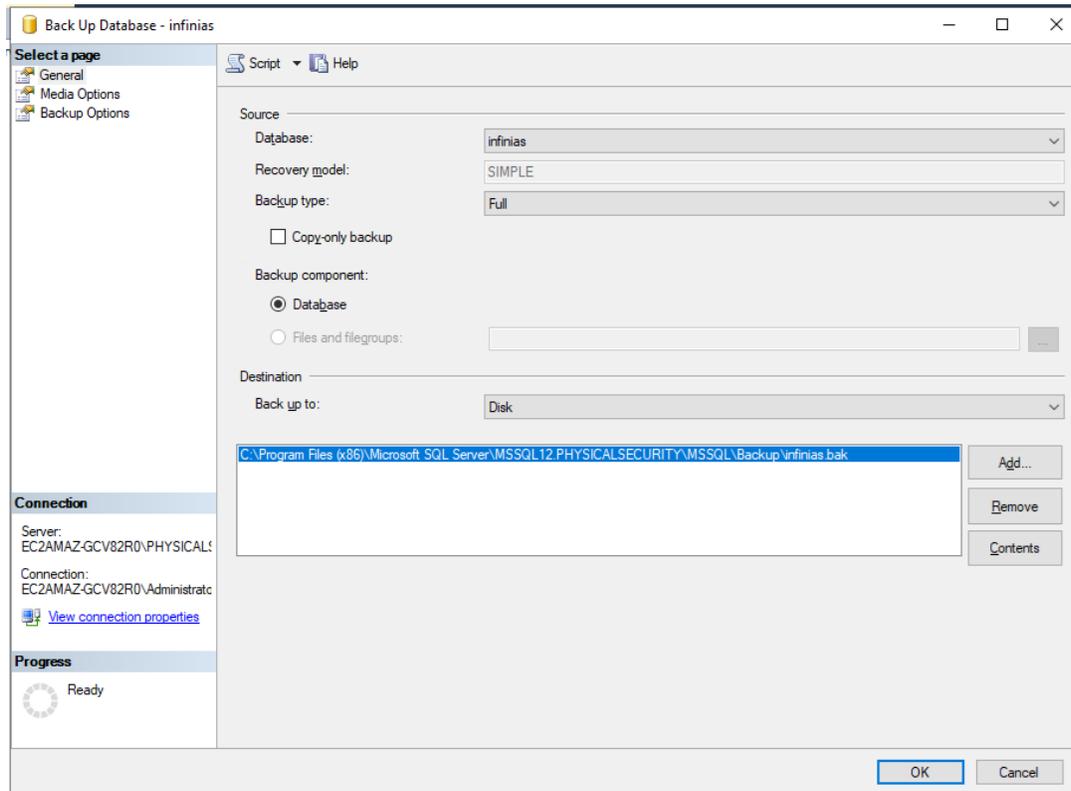
Backup The Current Database

1. Open **SQL Server Management Studio** by clicking on the Windows button and typing “management studio”.



2. Log in with database administrator privileges.

process.



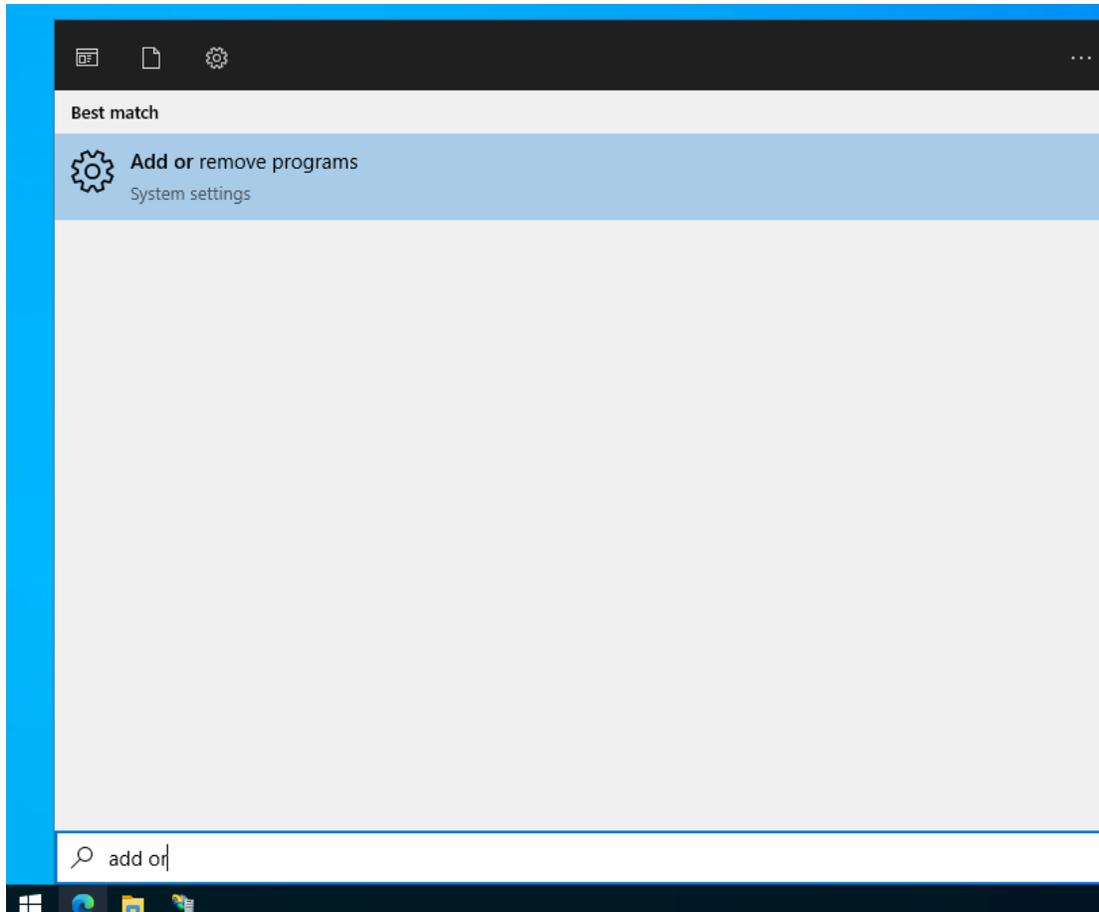
6. Exit SQL Server Management Studio on the existing server.

Backup The INFINIAS Configuration

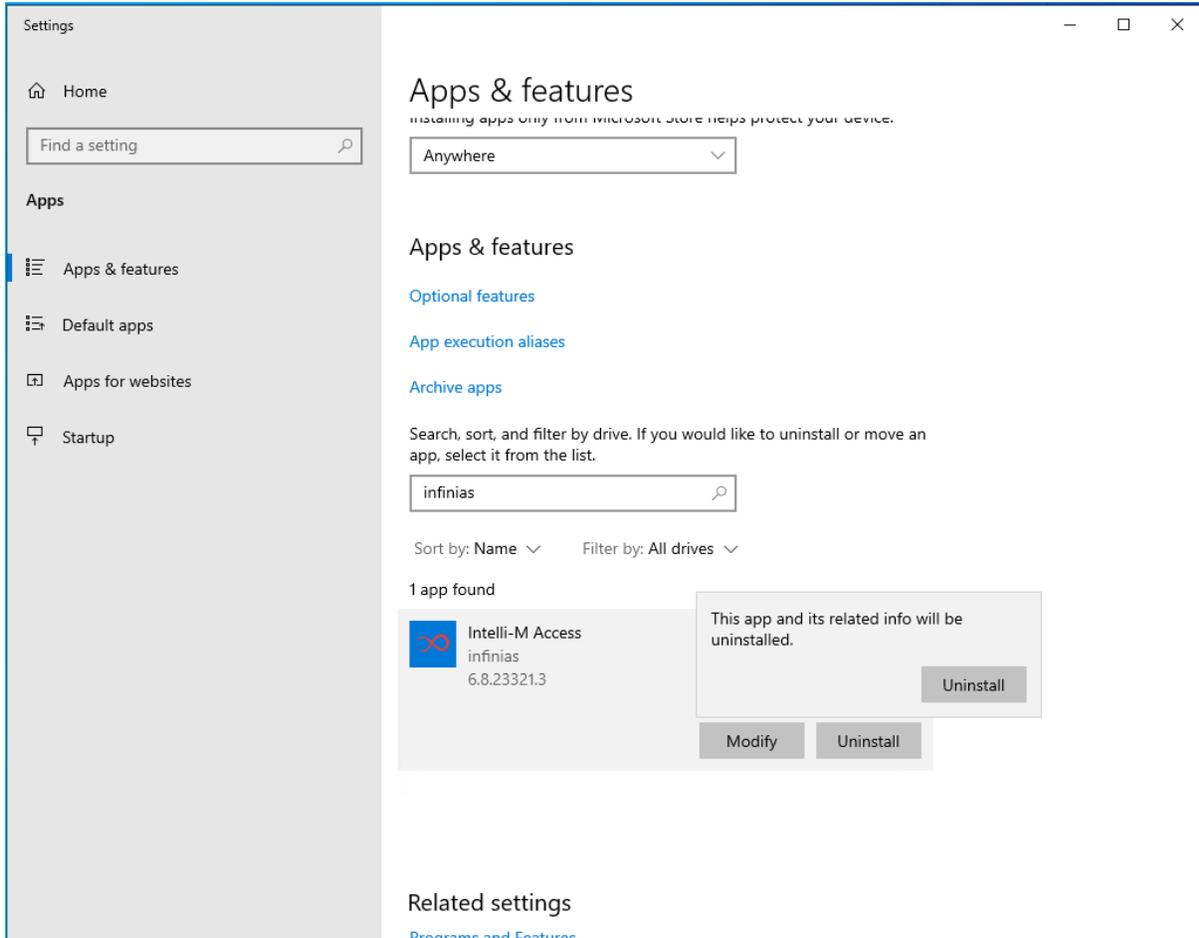
1. Copy the configuration files a temporary directory such as C:\Temp.
 - a. **ConfigurationProperties.xml** in C:\Program Files (x86)\infinias\Intelli-M Access\Configuration.
 - b. **Infinias.EAC.IA.Specifications.Config.xml** in C:\Program Files (x86)\infinias\Intelli-M Access\Application.
 - c. **Infinias.EAC.RuleAction.Config.xml** in C:\Program Files (x86)\infinias\Intelli-M Access\Application\RuleActionPlugins.
 - d. **Web.config** in C:\Program Files (x86)\infinias\Intelli-M Access\Web.

Remove Existing Software

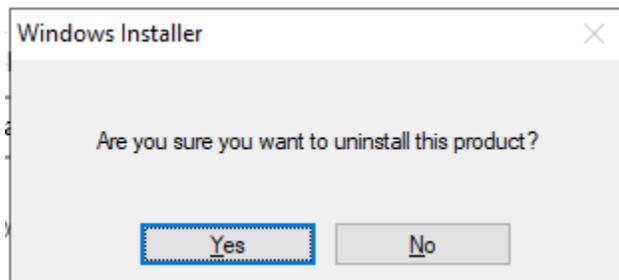
1. Open **Add Or Remove Programs** by clicking on the Windows button and typing “add or”.



- In the Search this list text box, type “infinias”. Click **Uninstall**. Click **Uninstall** again.

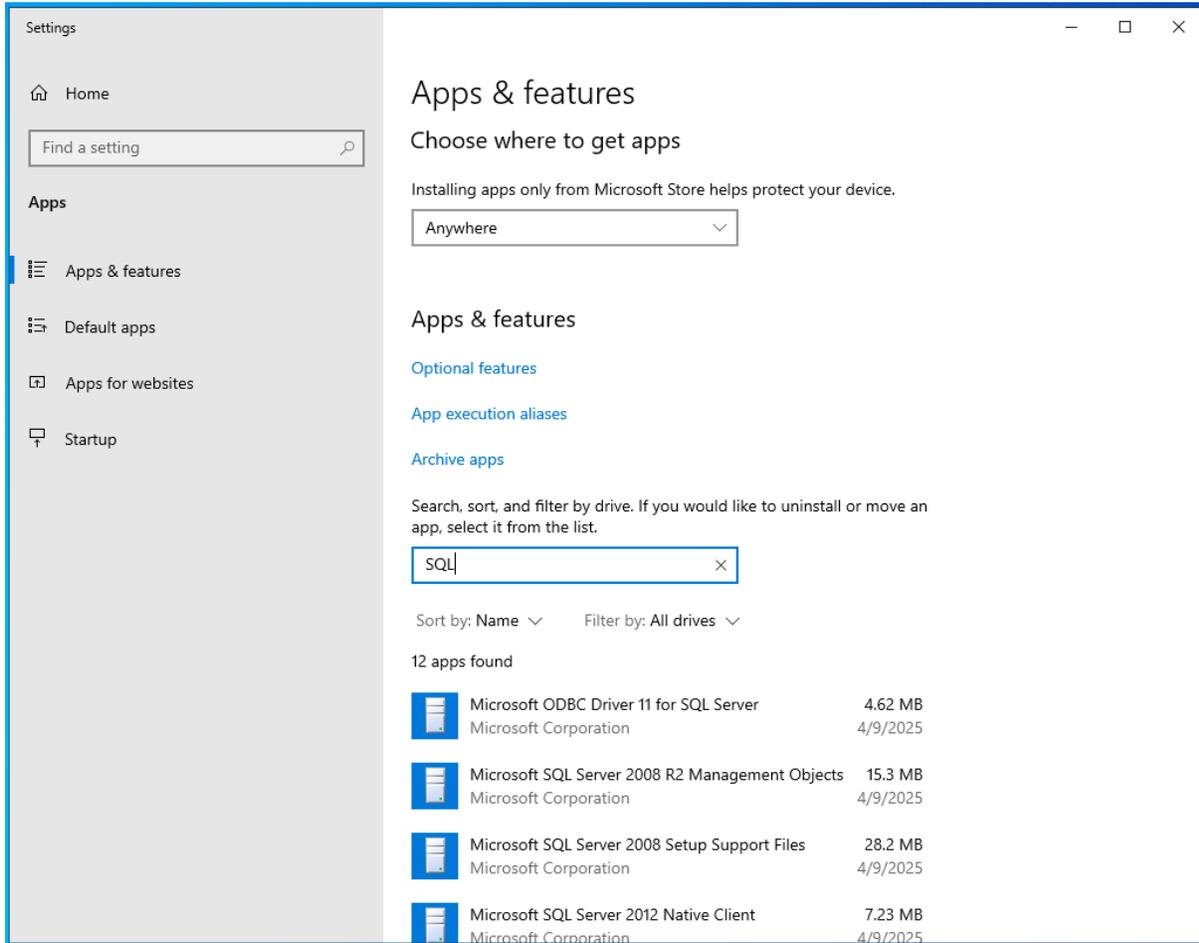


- Click Yes.

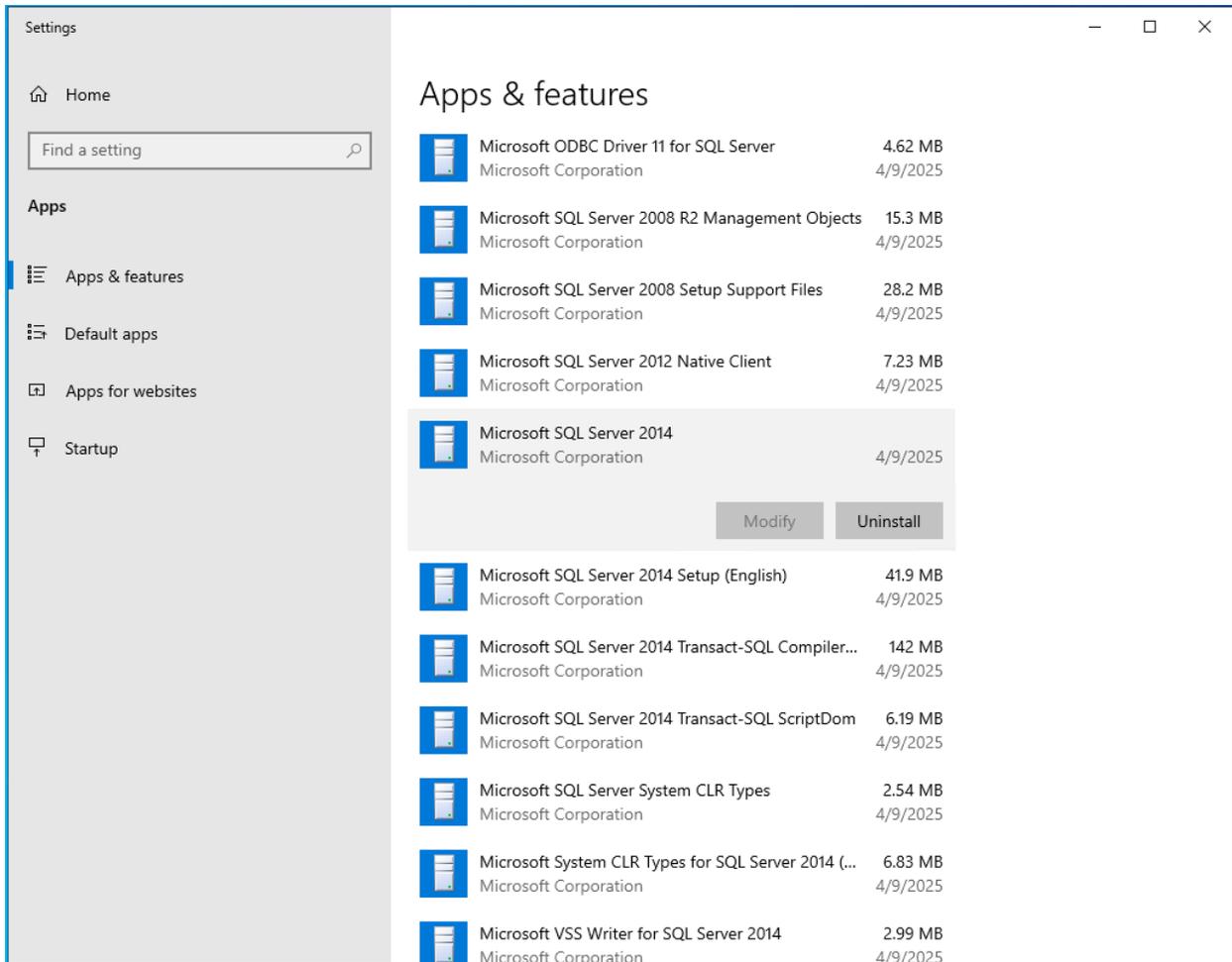


- INFINIAS is uninstalled.

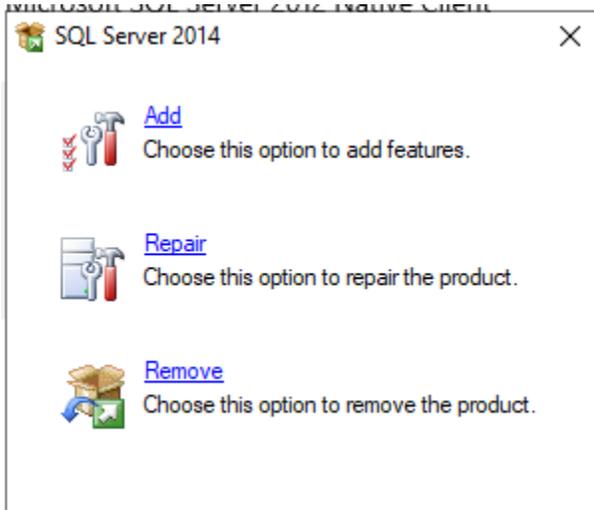
5. In the Search this list text box, type “SQL”.



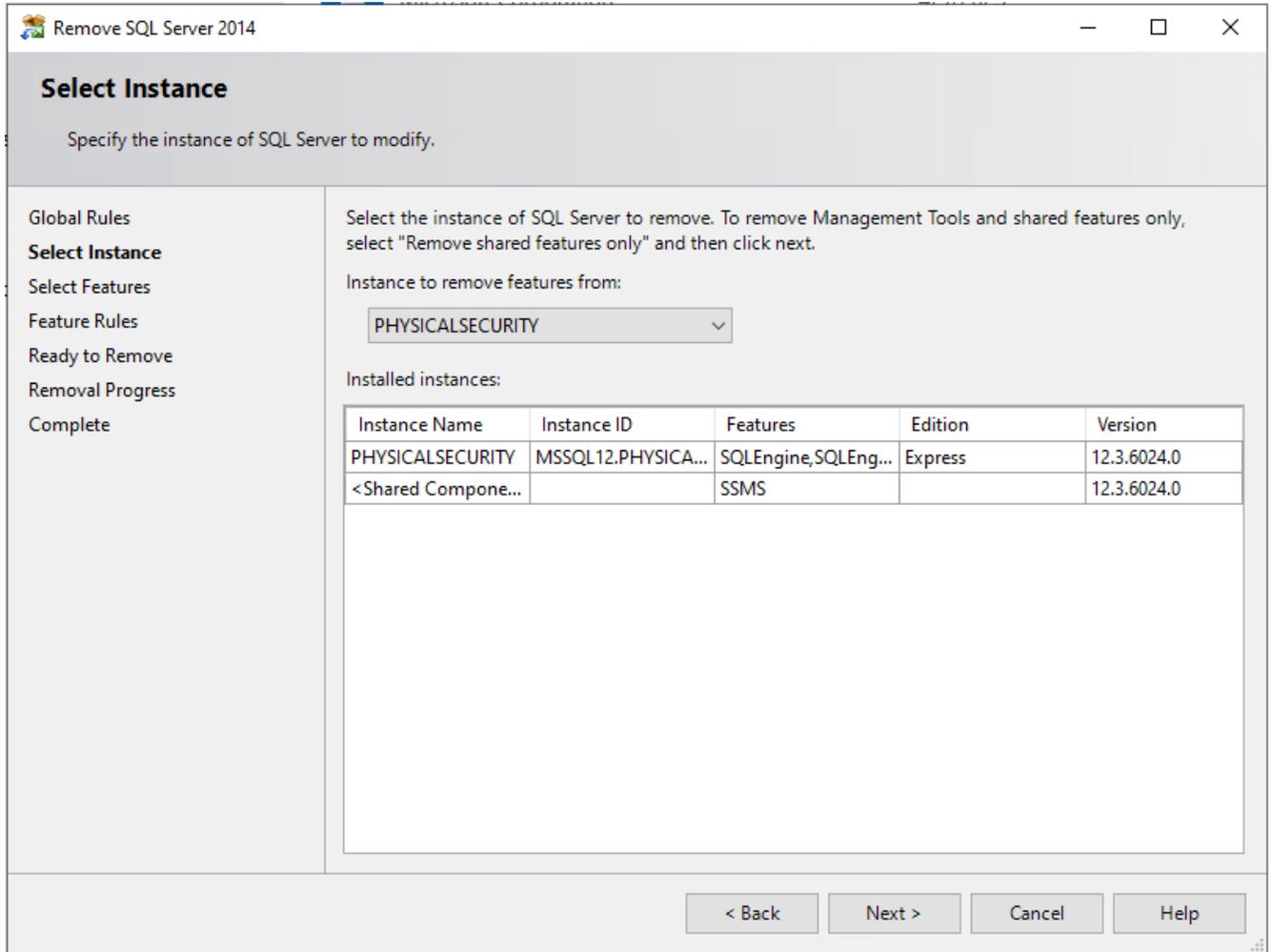
6. Click on “Microsoft SQL Server X” where X is the version of SQL Server such as 2014. Click **Uninstall**. Click **Uninstall** again.



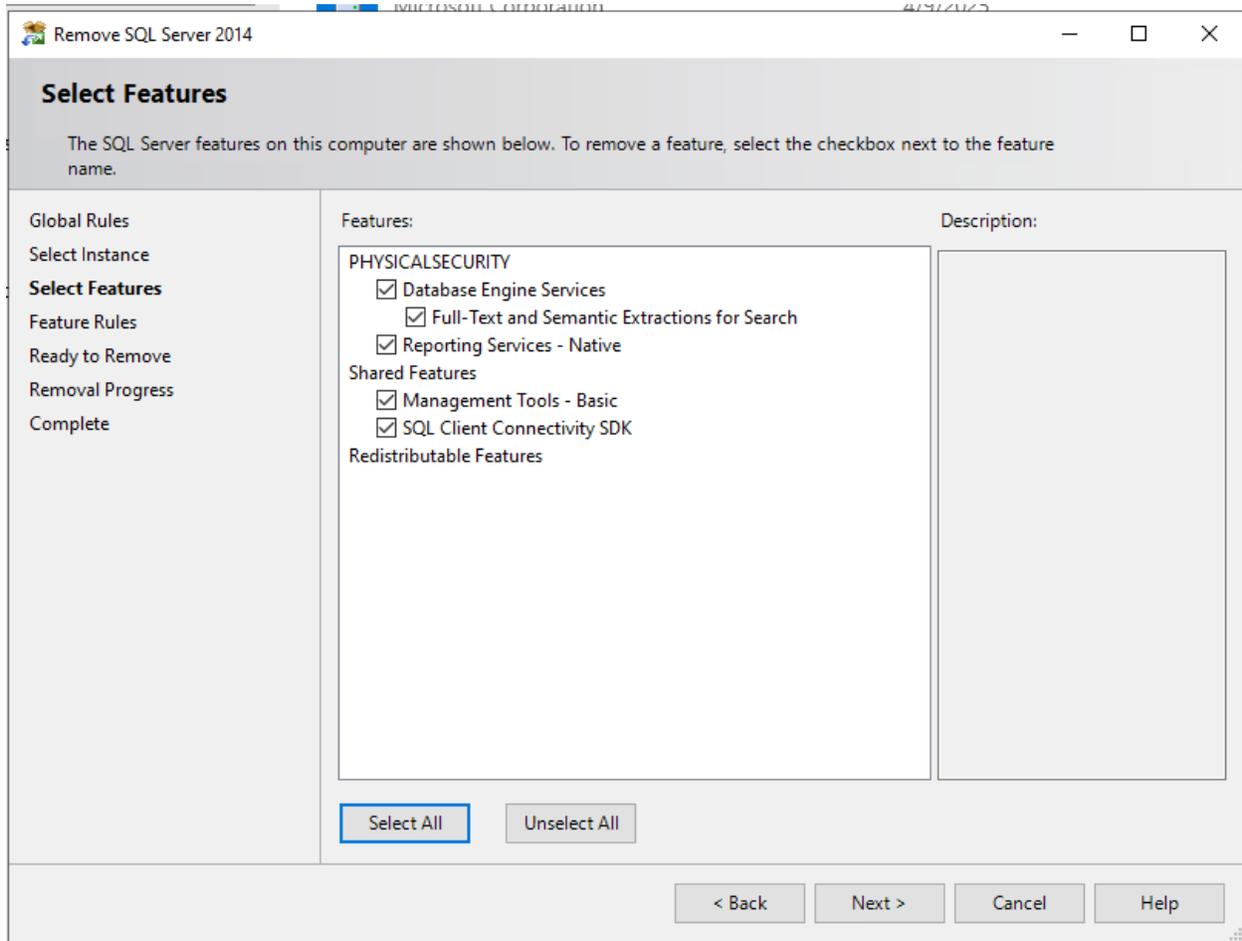
7. Click **Remove**.



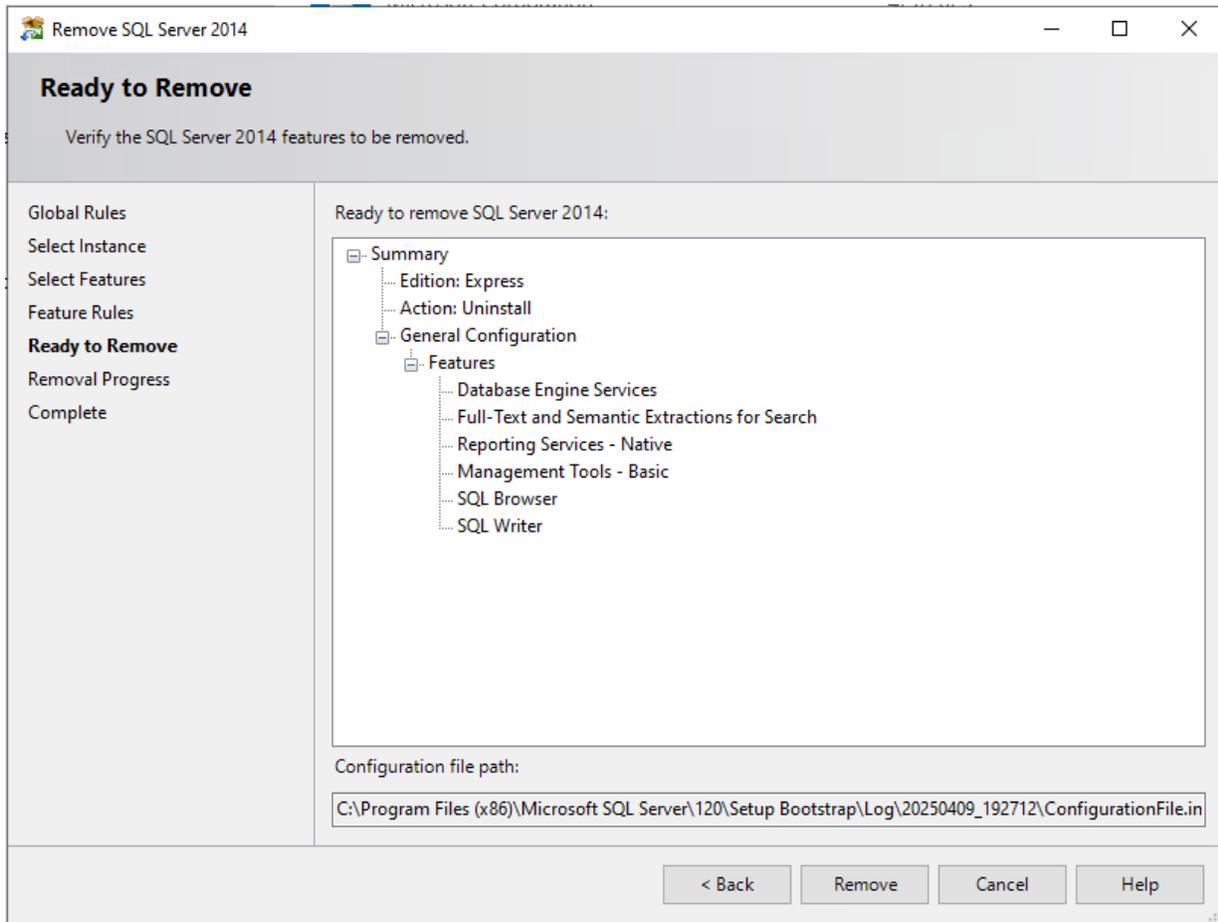
8. Ensure PHYSICALSECURITY (or whatever the name of your INFINIAS SQL Server instance is) is selected and click **Next**.



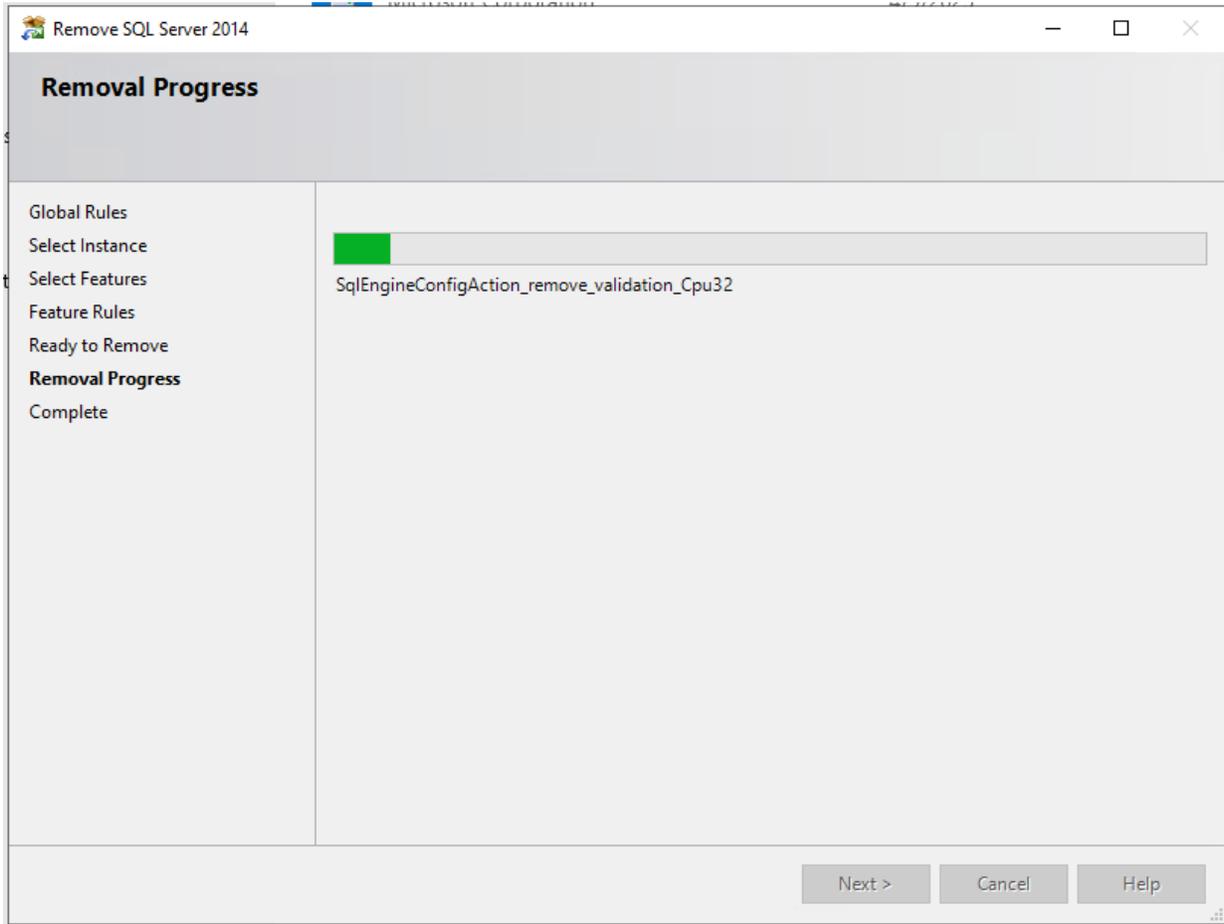
9. Click the **Select All** button and click **Next**.



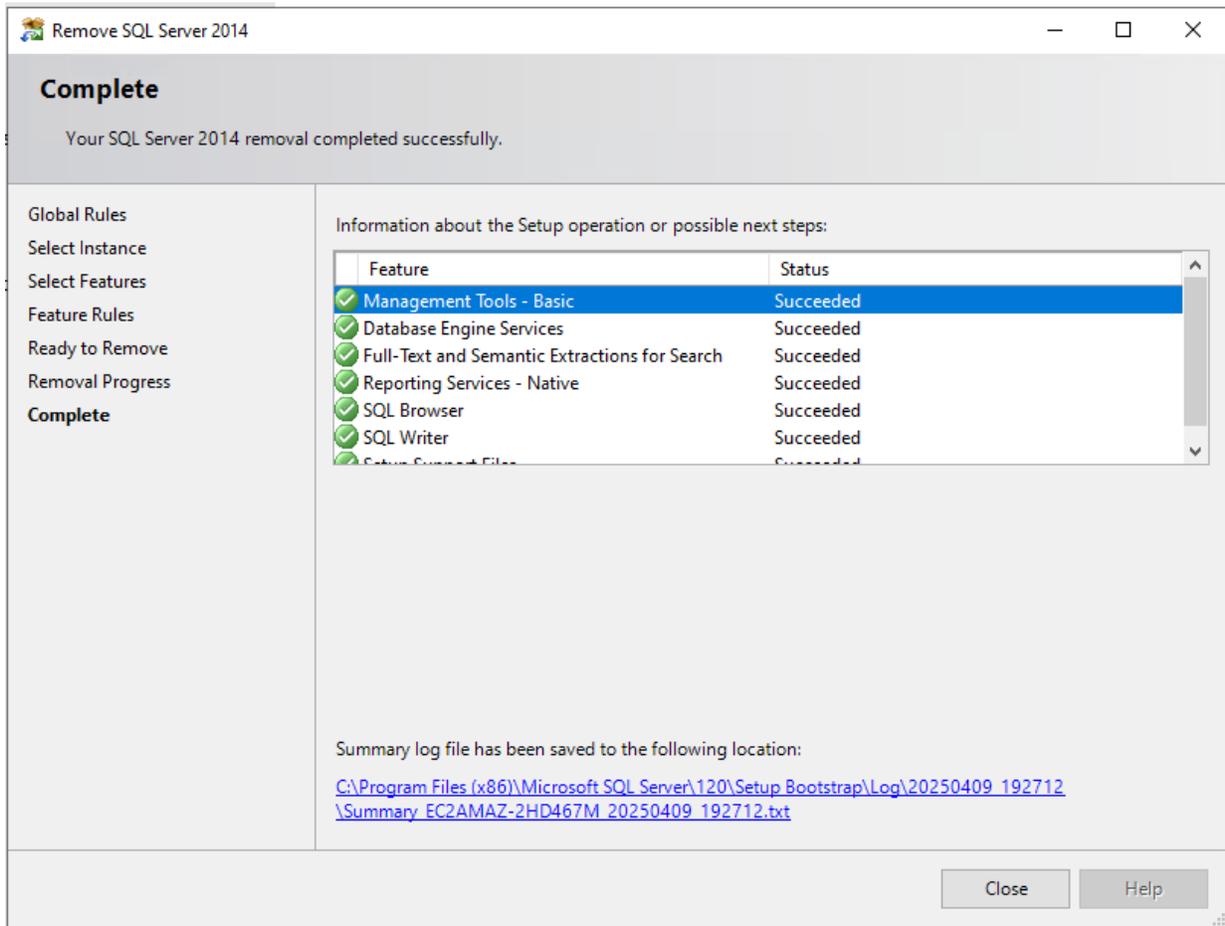
10. Click **Remove**.



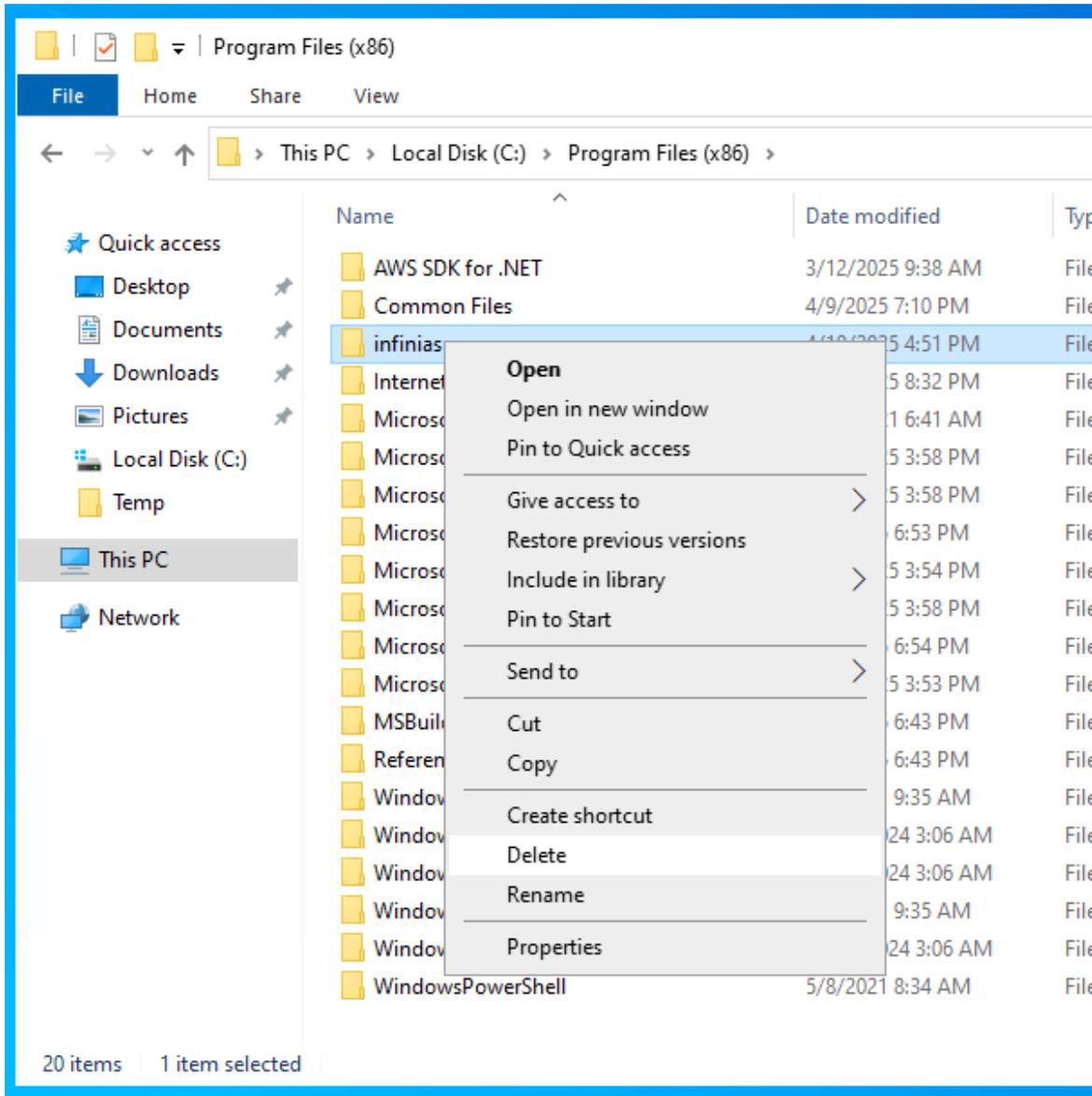
11. Processing begins. This may take a while.



12. Processing completes. Click **Close**.



13. Open a File Explorer and navigate to **C:\Program Files (x86)**. Right click on the **infinias** directory and choose **Delete**.



Install The Latest Version of INFINIAS

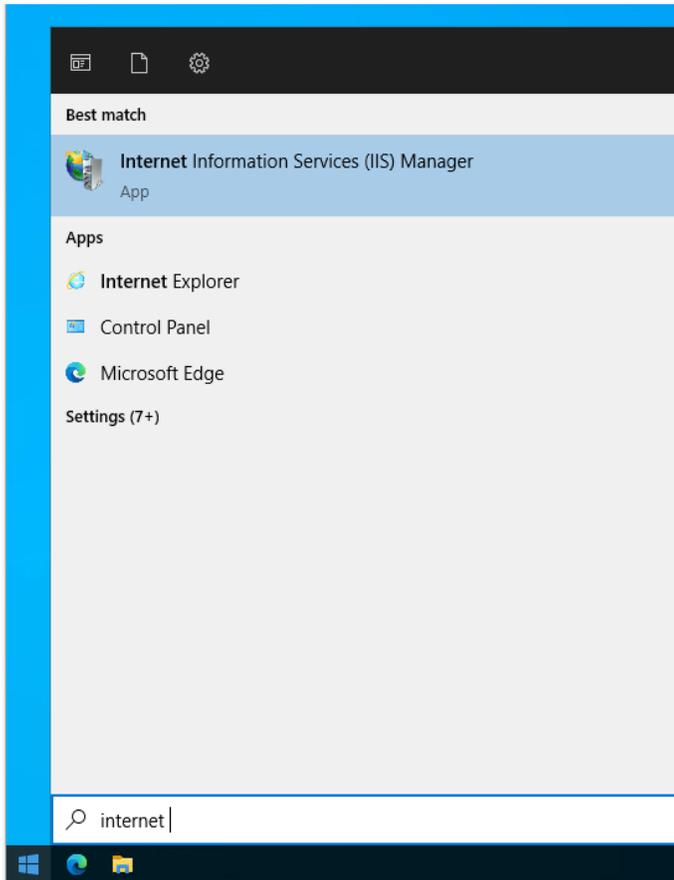
The purpose of this step is to install the latest version of INFINIAS, which will also install SQL Server and SQL Server Reporting Services with the latest version.

Follow the INFINIAS installation instructions.

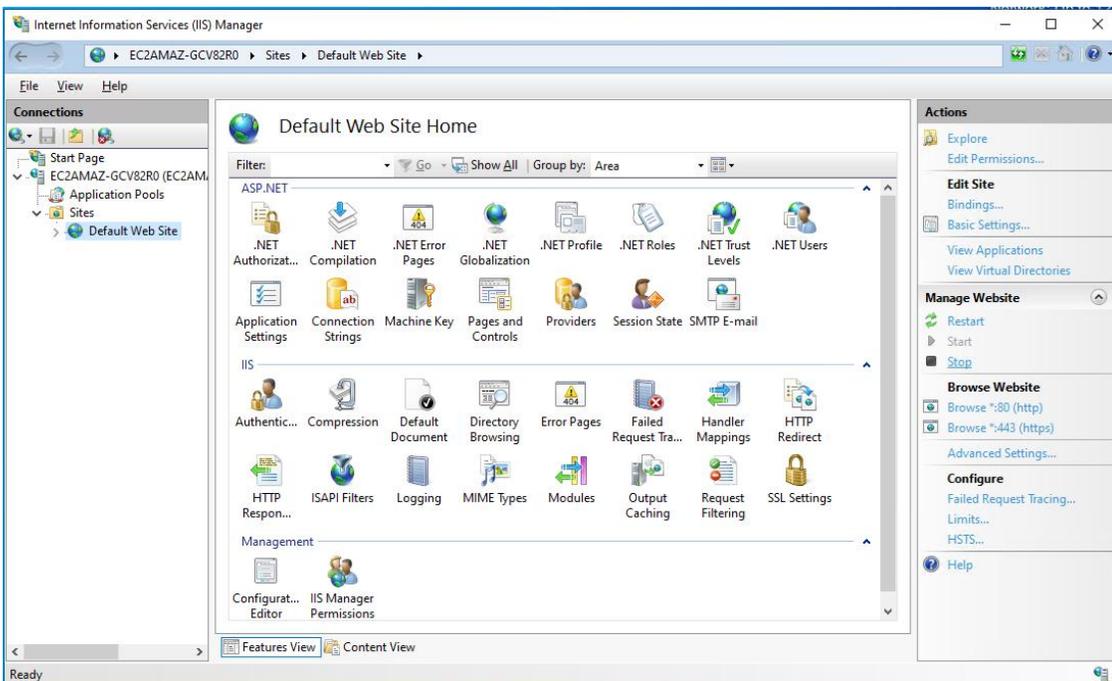
Stop INFINIAS Processes

1. Stop the INFINIAS website.

- a. Open **Internet Information Services (IIS) Manager** by clicking on the Windows button and typing “Internet”.

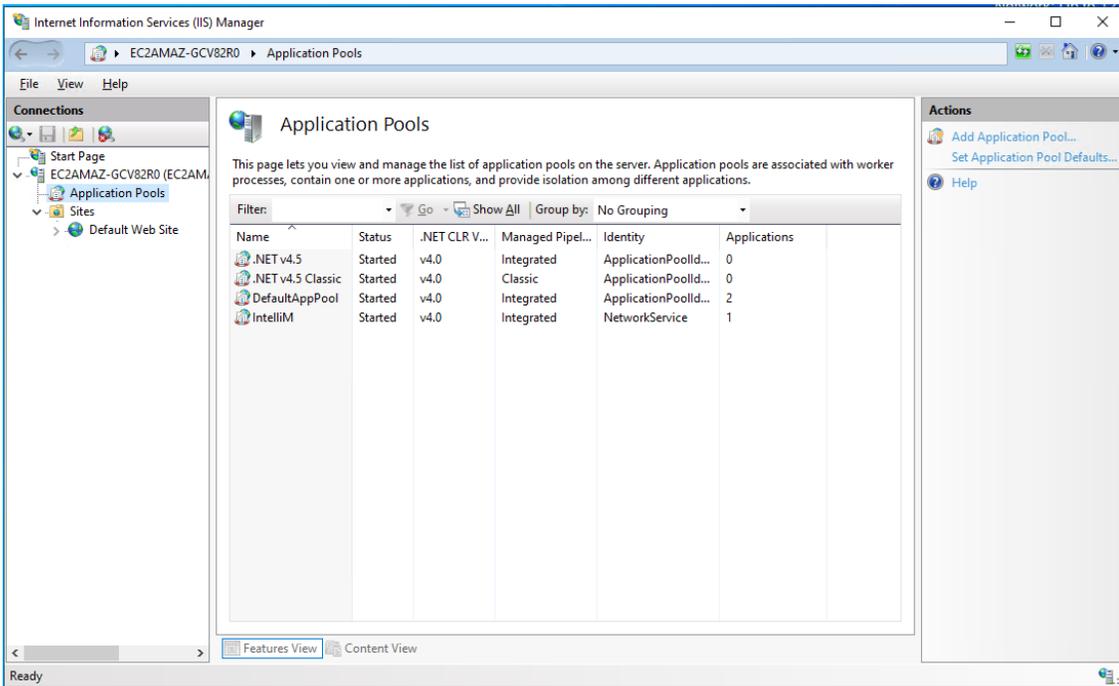


- b. On the left side, click on the *machine name* -> **Sites** -> **Default Web Site** and click on **Stop** under **Manage Website** on the right.

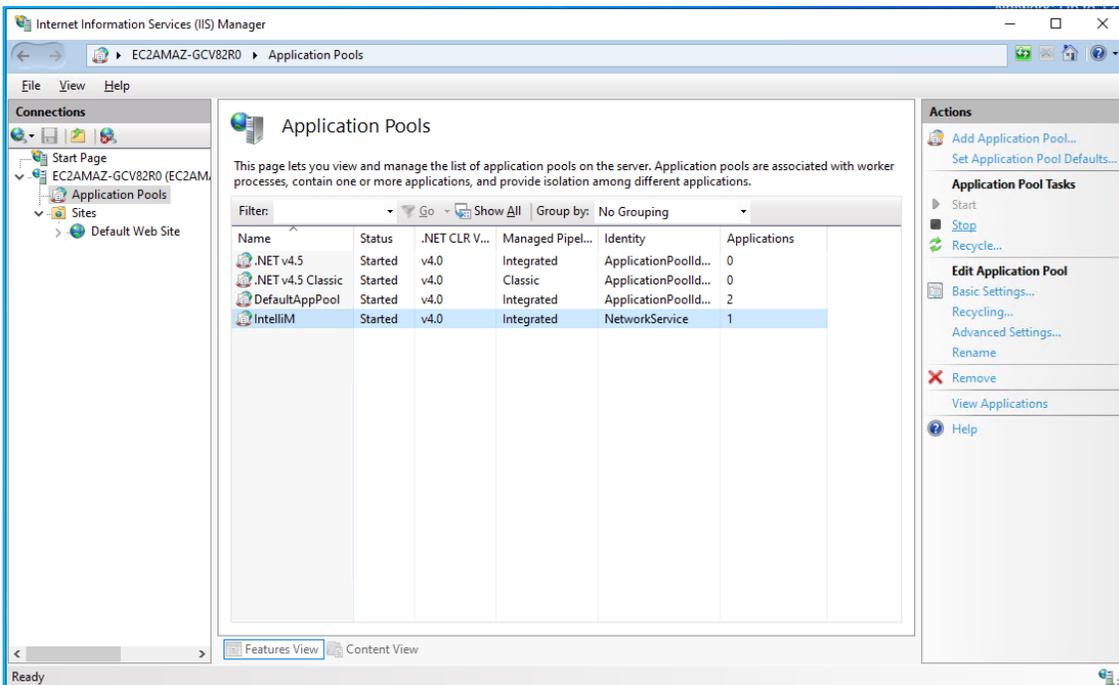


2. Stop the INFINIAS application pool.

- a. Click on **Application Pools** on the left.

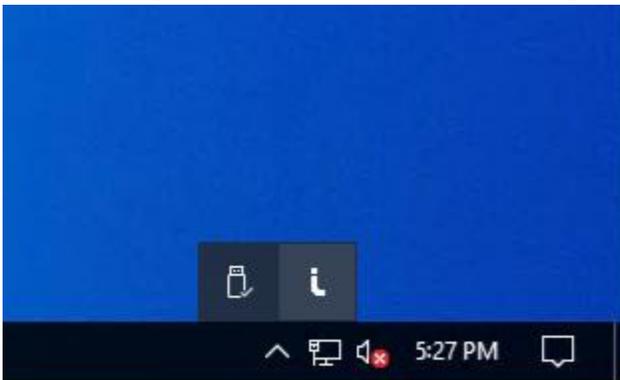


- b. Click on the **IntelliM** application pool row. Click **Stop** on the right.

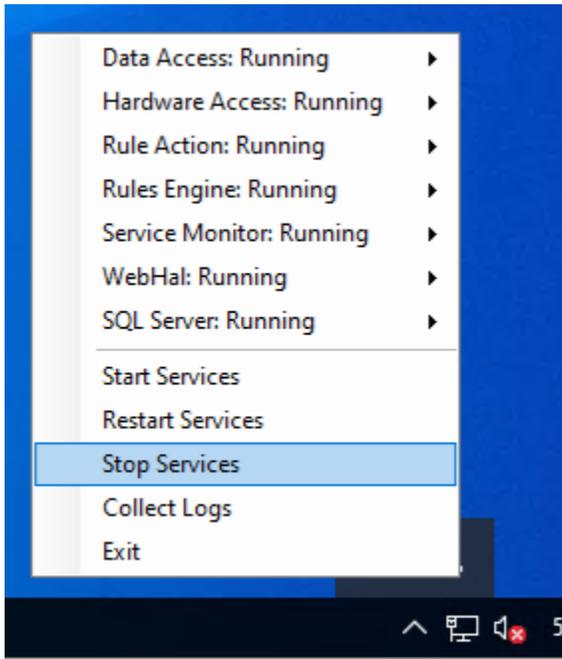


3. Stop the INFINIAS services on the new server.

- a. Find the **3xlogicServiceWatch** application running in the taskbar. It shows as lower-case 'i'.



- b. Right click on the icon and click **Stop Services**.

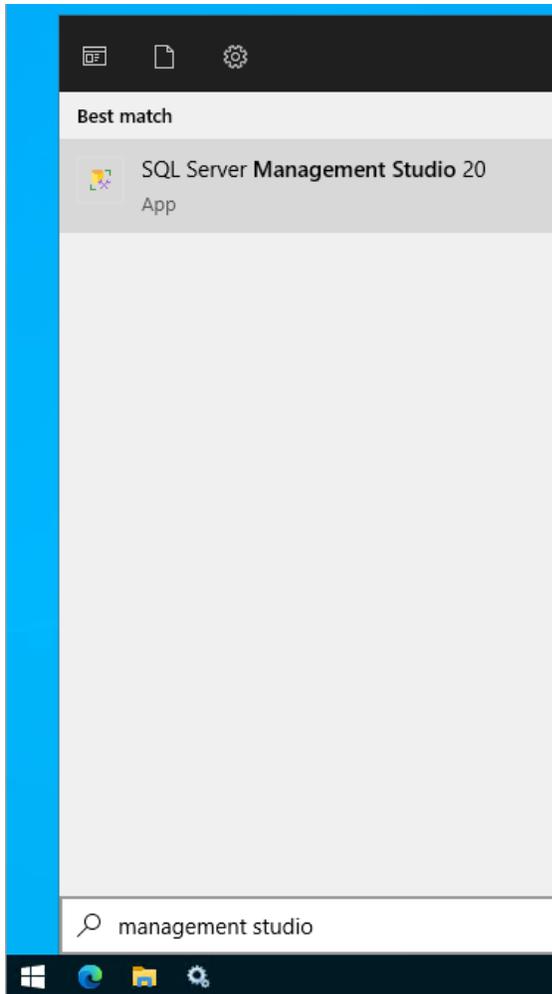


Restore The INFINIAS Configuration

1. Copy the configuration files from the temporary directory back to their original locations.
 - a. **ConfigurationProperties.xml** to **C:\Program Files (x86)\infinias\Intelli-M Access\Configuration.**
 - b. **Infinias.EAC.IA.Specifications.Config.xml** to **C:\Program Files (x86)\infinias\Intelli-M Access\Application.**
 - c. **Infinias.EAC.RuleAction.Config.xml** to **C:\Program Files (x86)\infinias\Intelli-M Access\Application\RuleActionPlugins.**
 - d. **Web.config** to **C:\Program Files (x86)\infinias\Intelli-M Access\Web.**

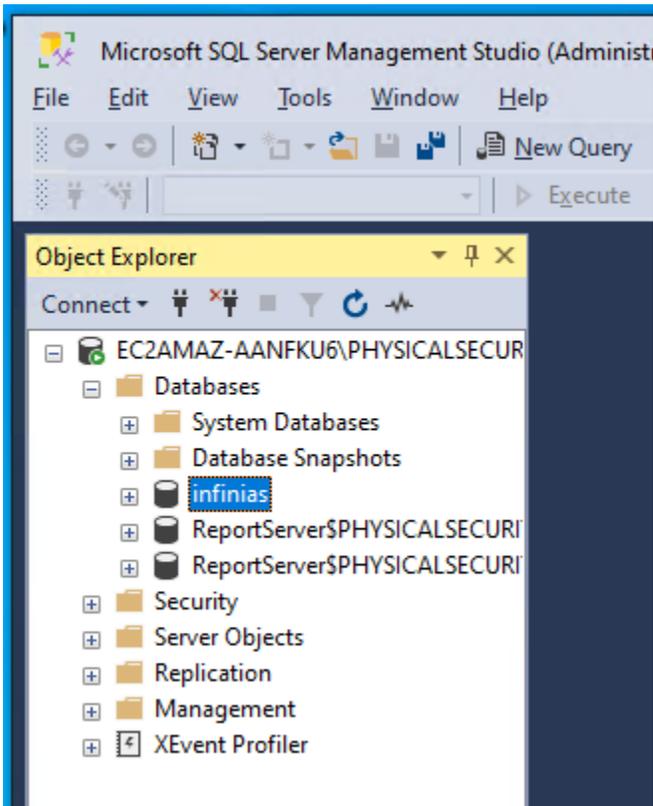
Restore The Database

1. Open **SQL Server Management Studio** by clicking on the Windows button and typing “management studio”.

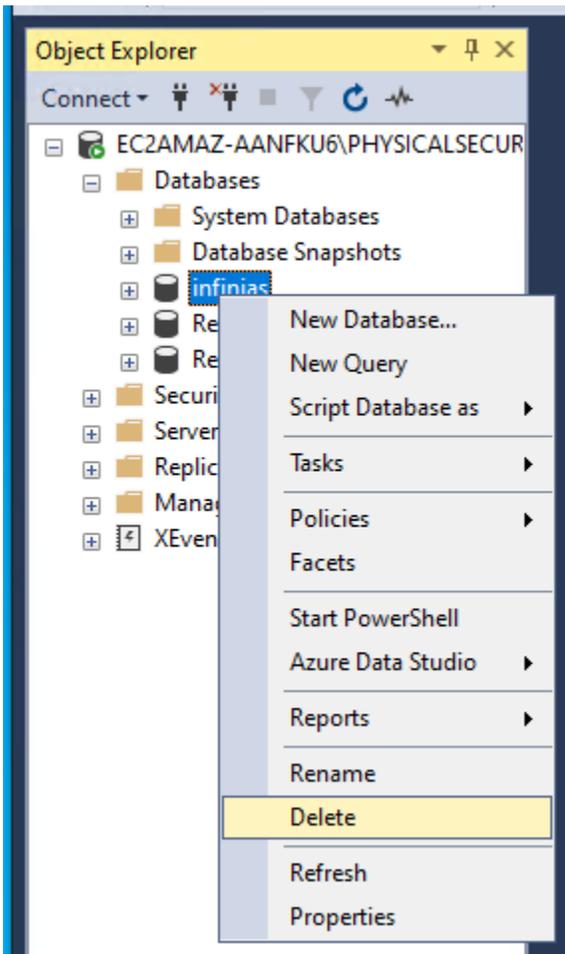


2. Log in with database administrator privileges.

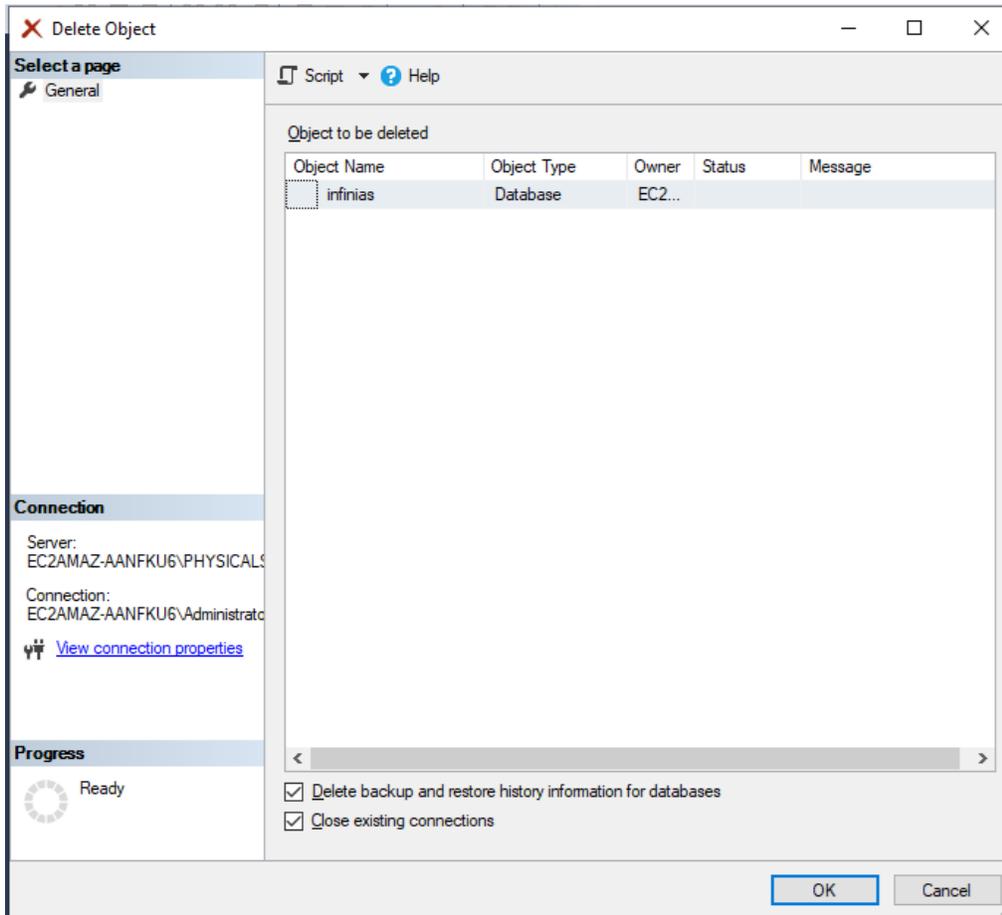
3. Expand **Databases** by clicking on + next to it.



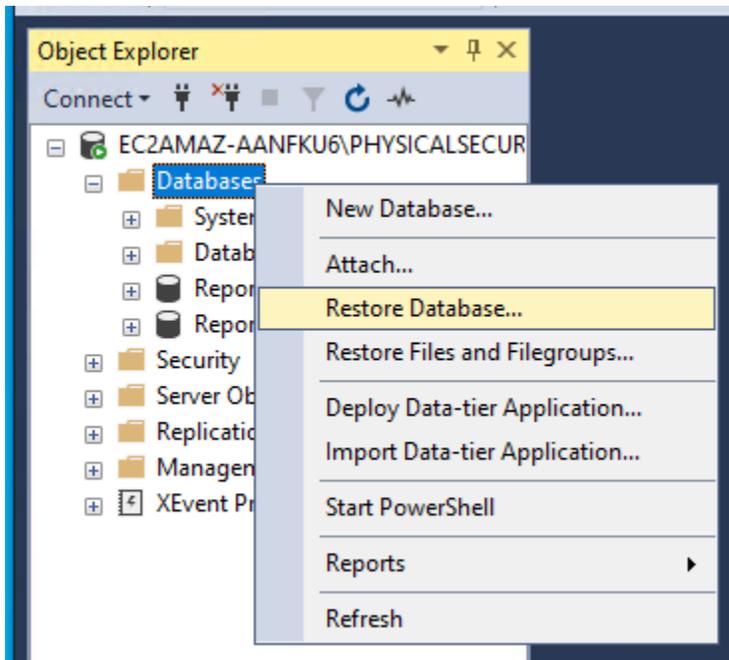
4. Right click on **infinias** and click **Delete**



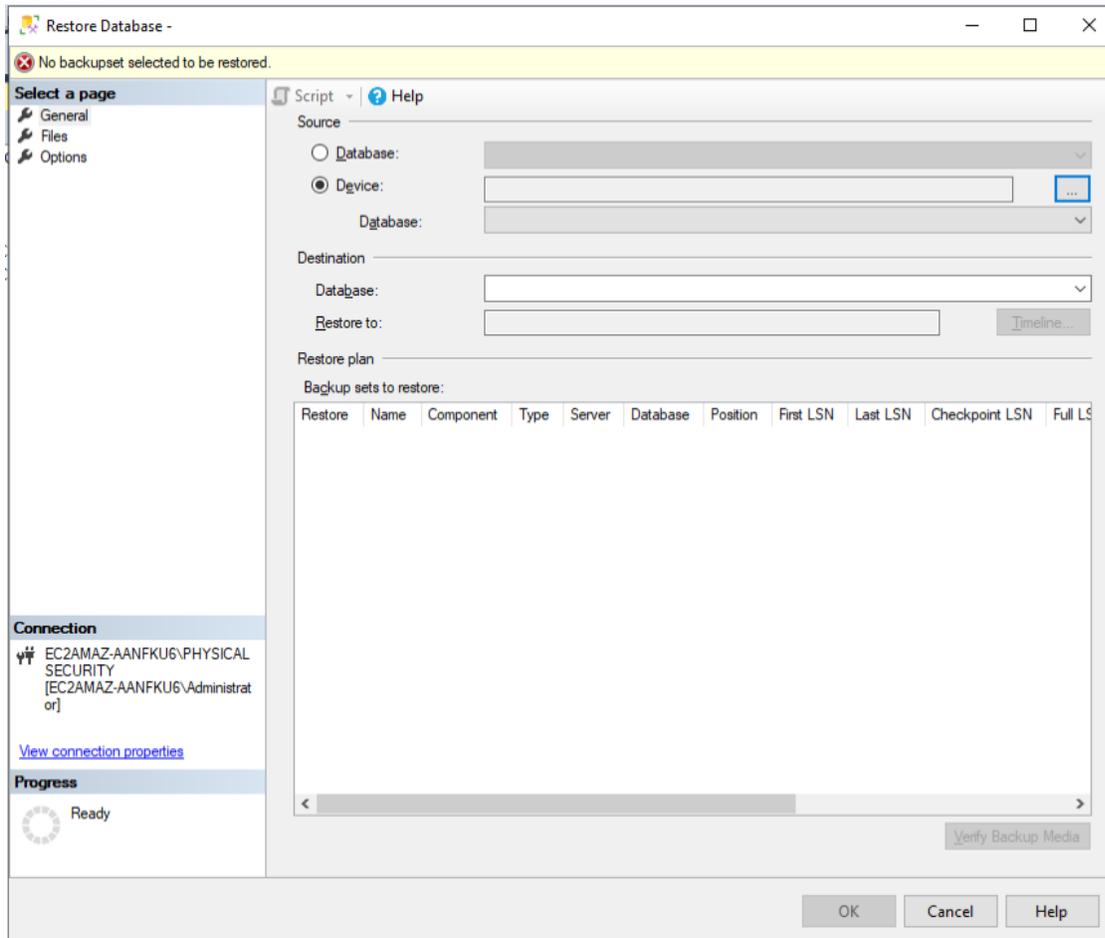
5. In the **Delete Object** window, click **Close existing connections** and click **OK**.



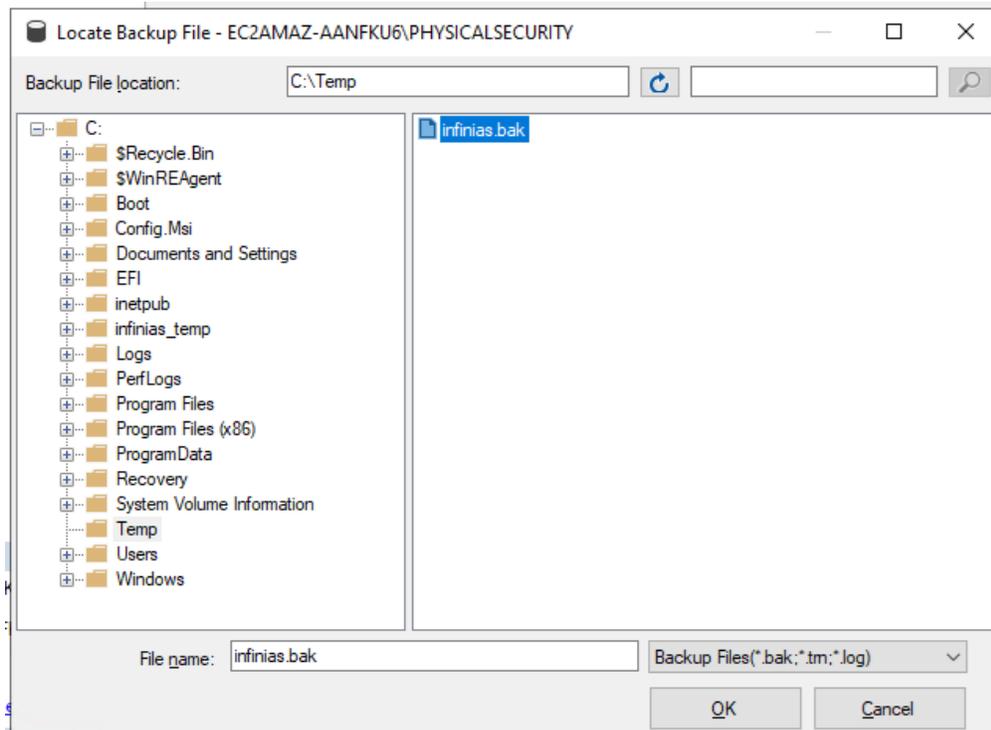
6. Right click **Databases** and choose **Restore Database...**



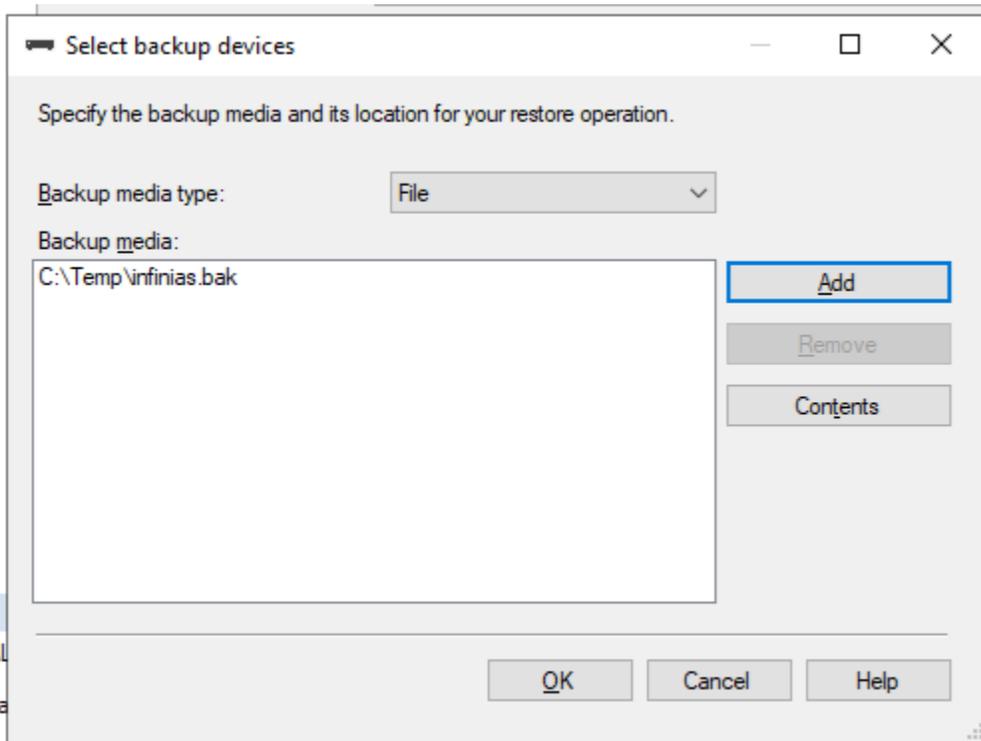
7. Click the **Device** radio button and then the ellipses (3 periods) button to the right.



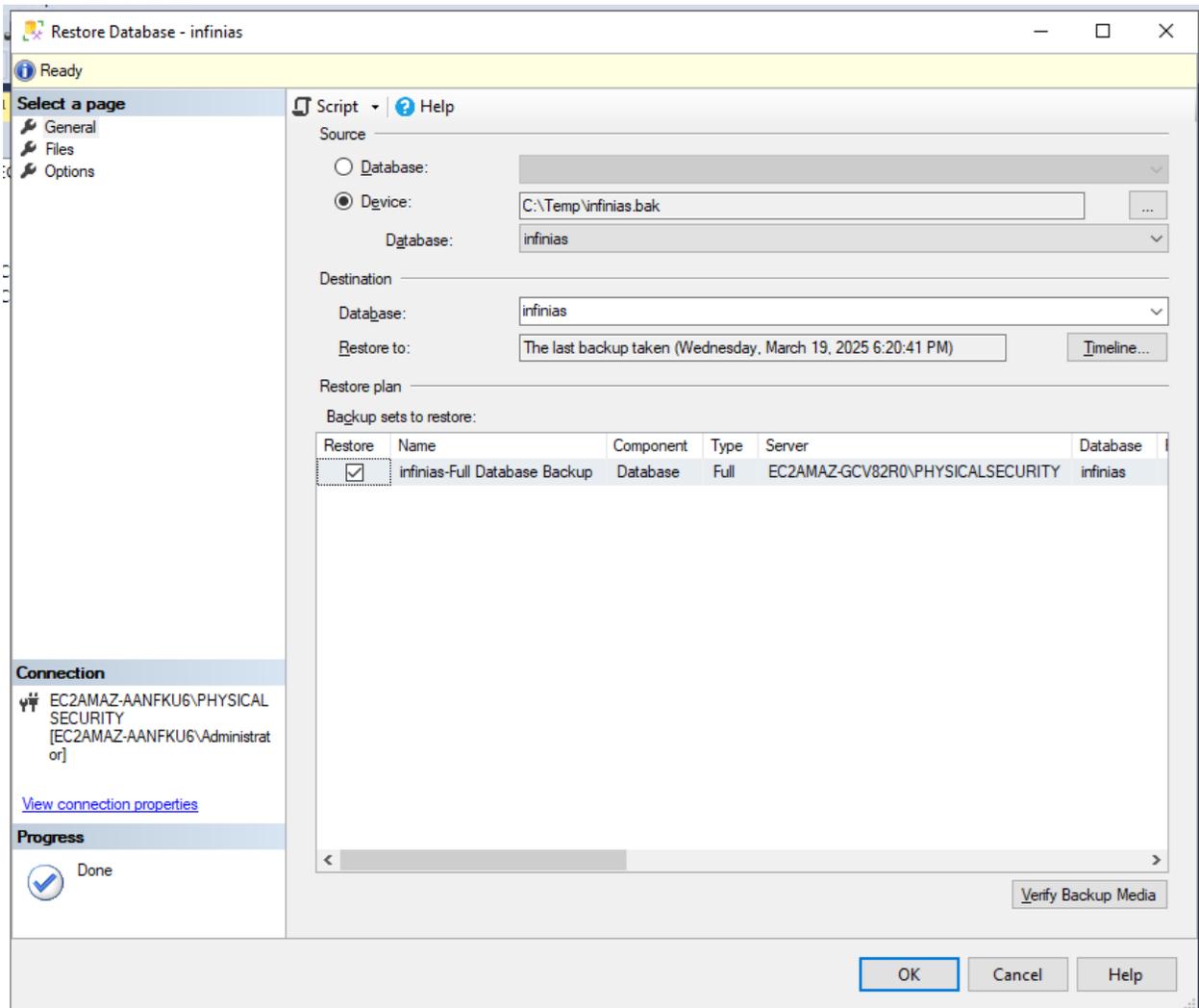
8. In the **Select backup devices** window, click **Add**. Choose the backup file in `C:\Temp` and click **OK**.



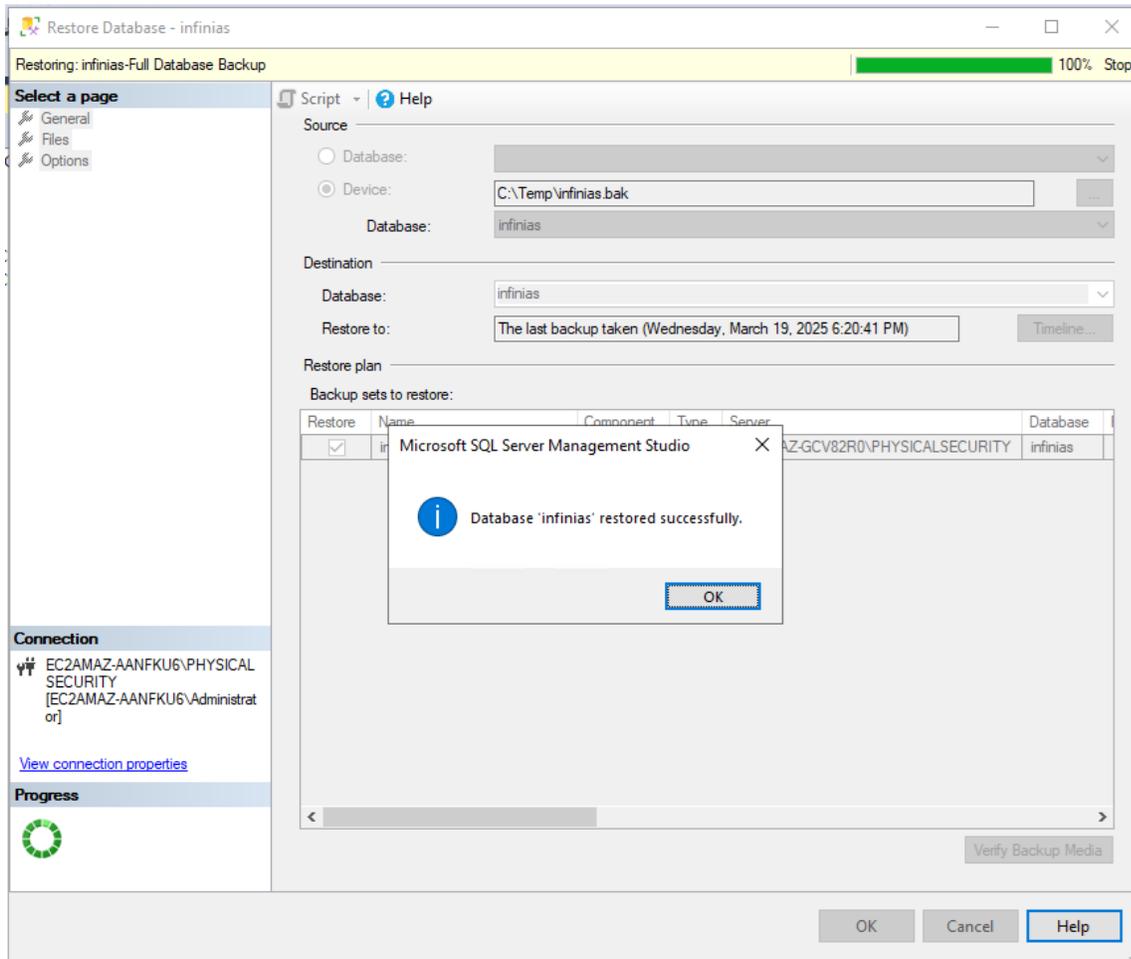
9. Click **OK**.



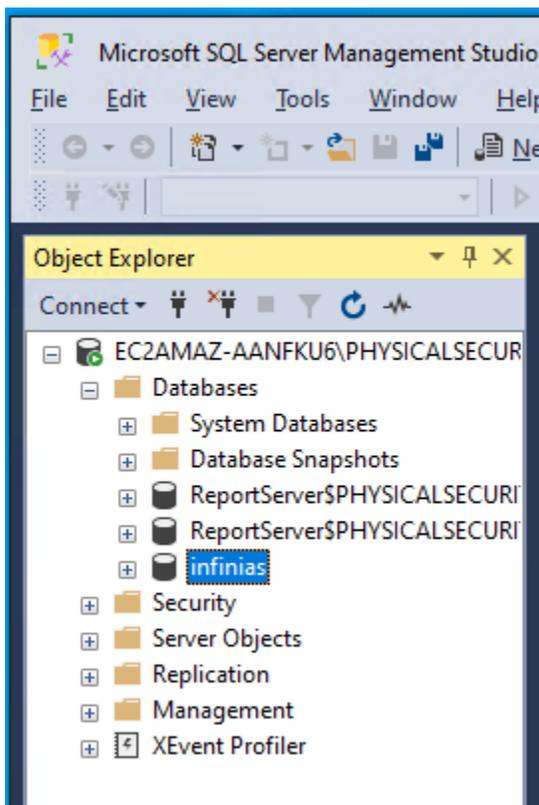
10. Click **OK**.



11. Click **OK** to start the restore and again when the restore is complete.



12. **infinias** shows in the list of databases.



13. Exit SQL Server Management Studio on the new server.

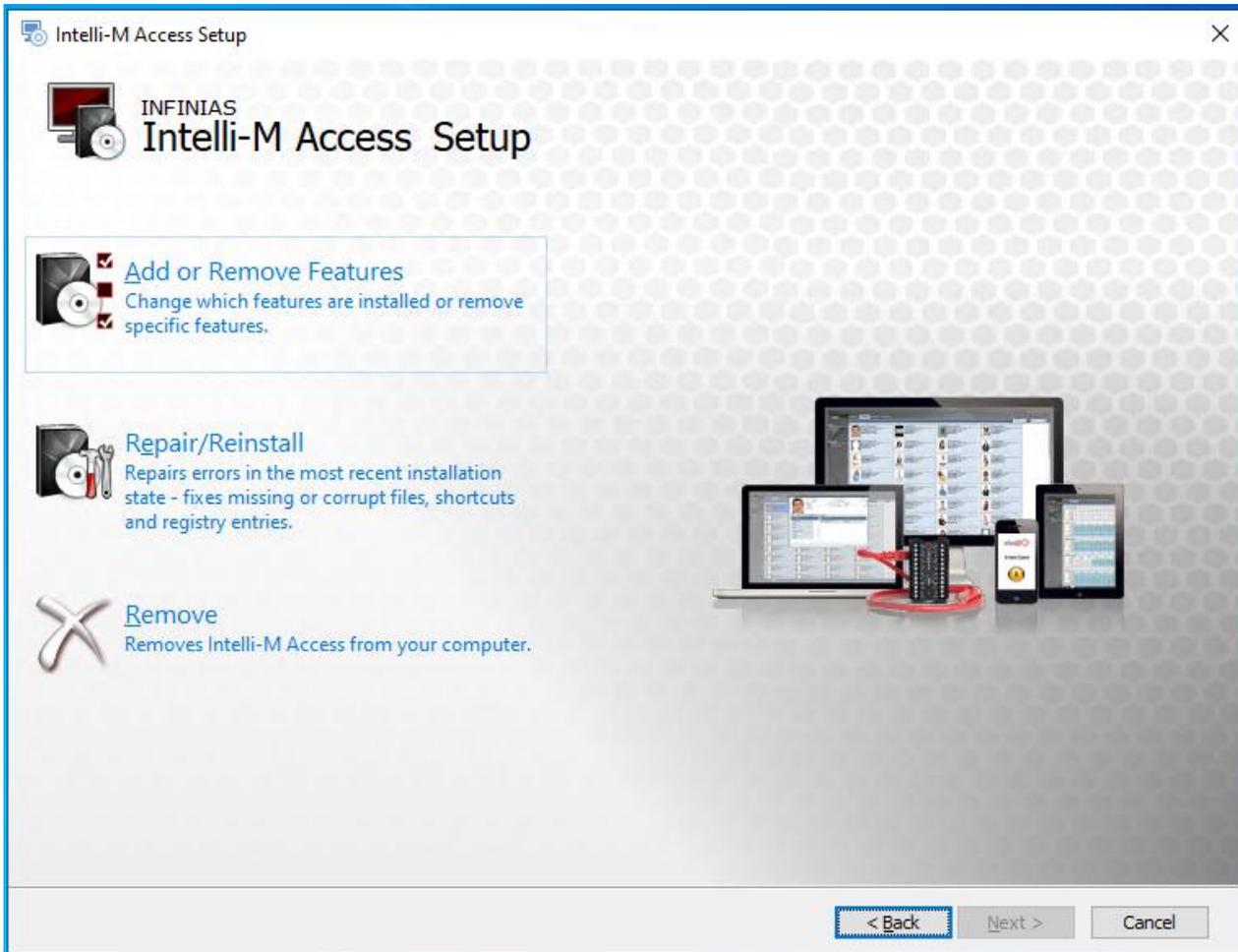
Restore Custom Reports and Badges

If you have custom reports and/or badges, see the INFINIAS Migration Guide for instructions.

Repair INFINIAS

The purpose of this step is to upgrade the information in the database to match that of the software which was installed previously.

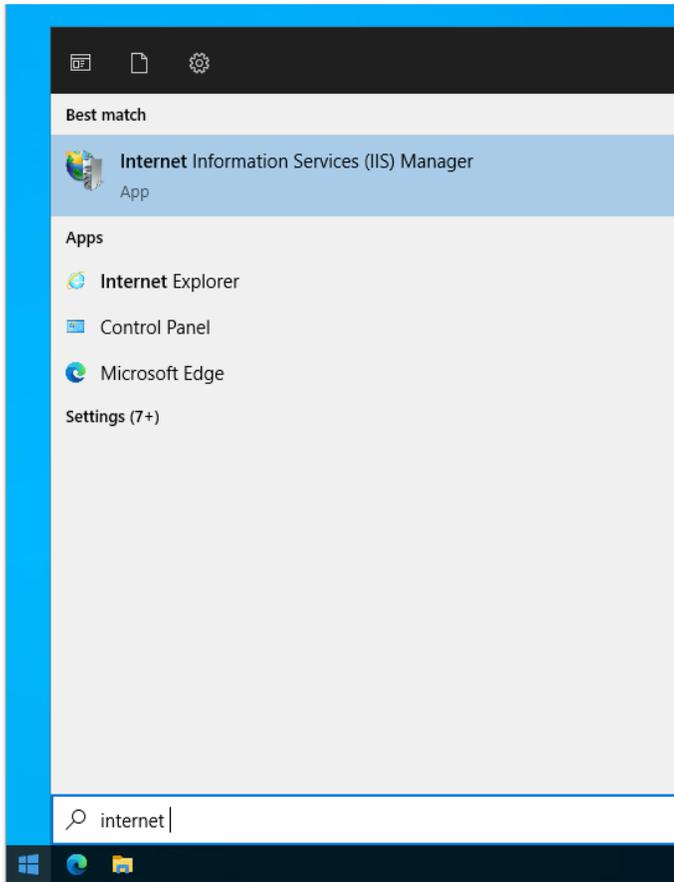
Follow the INFINIAS installation instructions. Choose Repair/Reinstall on this screen.



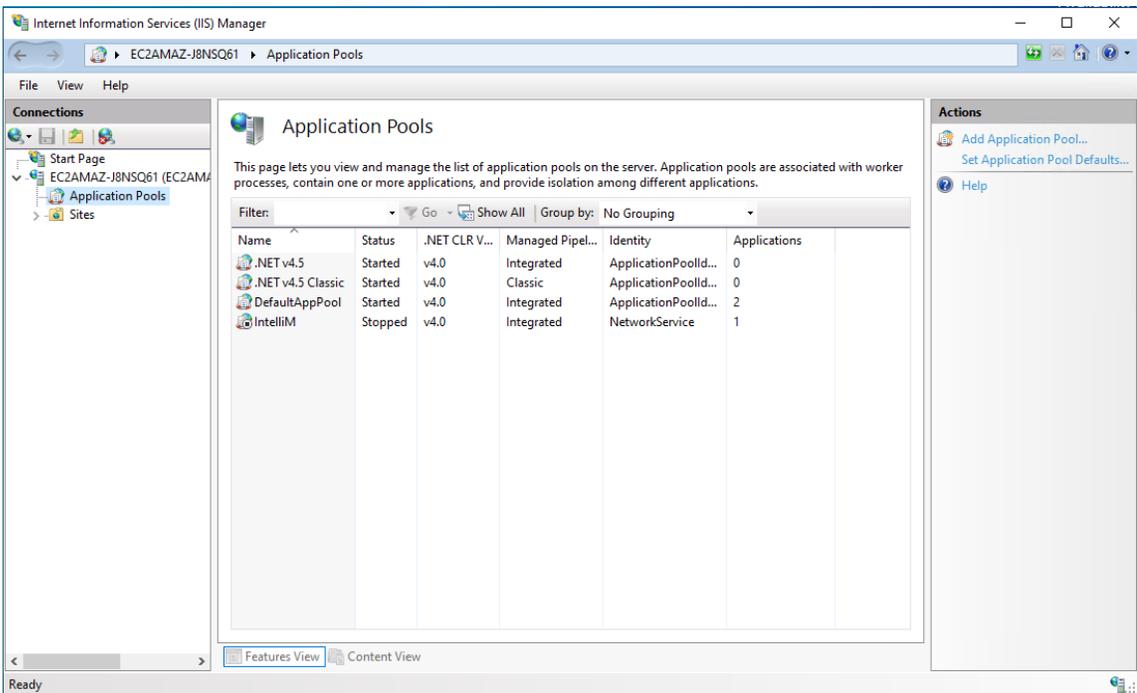
Start INFINIAS Processes

1. Start the INFINIAS website.

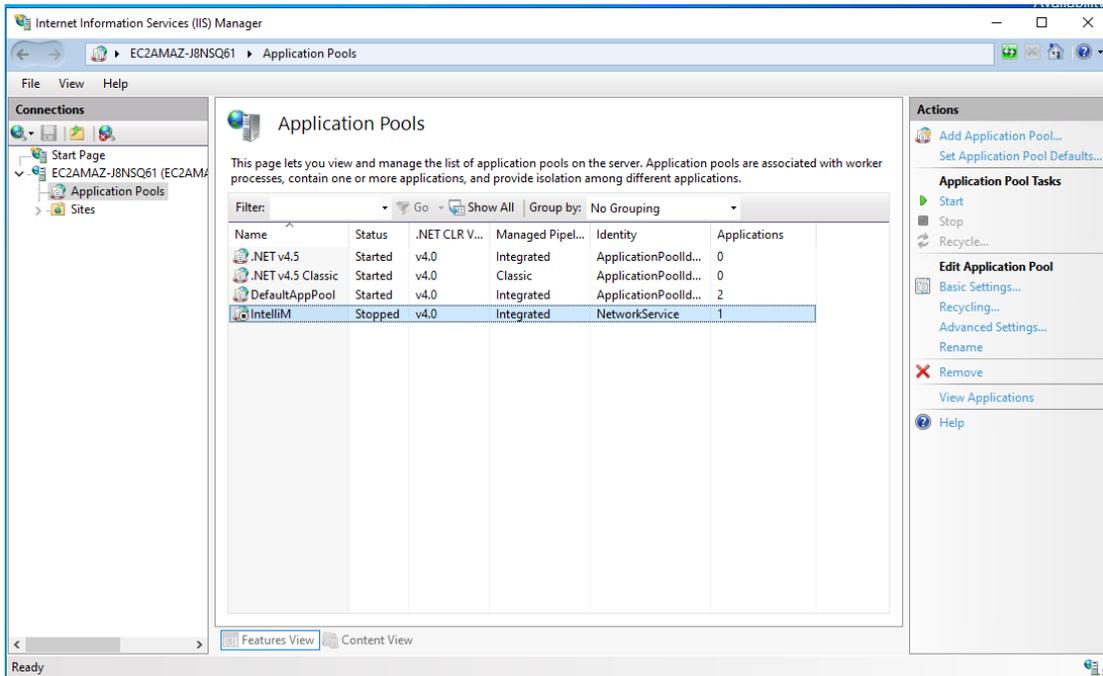
- a. Open **Internet Information Services (IIS) Manager** by clicking on the Windows button and typing “Internet”.



- b. Click on **Application Pools** on the left.



- c. Click on the **IntelliM** application pool row. Click **Start** on the right.



- d. On the left side, click on the *machine name* -> **Sites** -> **Default Web Site** and click on **Start** under **Manage Website** on the right.

