

SQL Licensing by Instance

 Microsoft SQL SERVER licensing information provided within IDERA SQL Inventory Manager is based on your system information and is only for guidance.

IDERA SQL Inventory Manager gathers information that allows you to determine your SQL Server licensing requirements. The SQL Licensing by Instance view shows information like the instance version, edition, host computer name, CPU name, number of logical and physical processors, and whether the server is virtual. If your instance is using core licensing, this area also displays the number of sockets and cores, the core factor, and possible number of core licenses (number of cores multiplied by the core factor), whether this instance is fully licensed with SA, and a timestamp of the most recent change to the displayed information. To access this view, go to the **Instances** tab, and then select **SQL Licensing by Instance**.

To find more information on how to determine Microsoft SQL Server licenses, refer to [Microsoft Documentation](#).

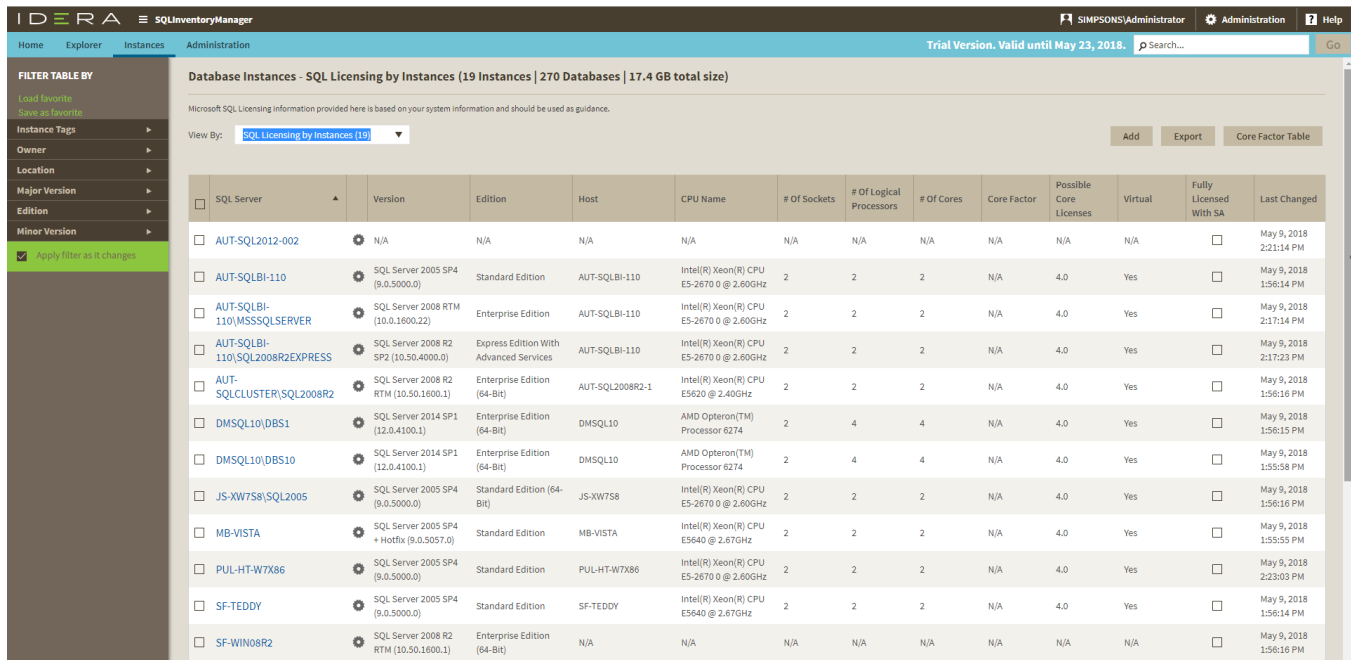
 Decommissioned instances do not count against your license. For more information about decommissioning, see [Decommissioned instances](#).

 **Core Factor** is not relevant for SQL Server 2016 and above.

Available options

On the SQL Licensing view, there are multiple options available on the action items bar:

- **Add SQL Server instances** . Click this option to go to the respective wizard and add new SQL Server instances.
- **Export**. You can choose any of the following formats: **PDF**, **XLS**, or **XML** for exporting the information displayed on the SQL Licensing view.
- **Core Factor Table** . Click this option to open the Core Factor Table for viewing SQL Server core-specific information for your instances.



SQL Server	Version	Edition	Host	CPU Name	# Of Sockets	# Of Logical Processors	# Of Cores	Core Factor	Possible Core Licenses	Virtual	Fully Licensed With SA	Last Changed
AUT-SQL2012-002	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		May 9, 2018 2:21:14 PM
AUT-SQLBI-110	SQL Server 2005 SP4 (9.0.5000.0)	Standard Edition	AUT-SQLBI-110	Intel(R) Xeon(R) CPU E5-2670 0 @ 2.60GHz	2	2	2	N/A	4.0	Yes		May 9, 2018 1:56:14 PM
AUT-SQLBI-110\MSSSQLSERVER	SQL Server 2008 RTM (10.0.1600.22)	Enterprise Edition	AUT-SQLBI-110	Intel(R) Xeon(R) CPU E5-2670 0 @ 2.60GHz	2	2	2	N/A	4.0	Yes		May 9, 2018 2:17:14 PM
AUT-SQLBI-110\SQL2008R2EXPRESS	SQL Server 2008 R2 SP2 (10.50.4000.0)	Express Edition With Advanced Services	AUT-SQLBI-110	Intel(R) Xeon(R) CPU E5-2670 0 @ 2.60GHz	2	2	2	N/A	4.0	Yes		May 9, 2018 1:56:16 PM
AUT-SQLCLUSTER\SQL2008R2	SQL Server 2008 R2 RTM (10.50.1600.1)	Enterprise Edition (64-Bit)	AUT-SQL2008R2-1	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz	2	2	2	N/A	4.0	Yes		May 9, 2018 1:56:16 PM
DMSQL10\DBS1	SQL Server 2014 SP1 (12.0.4100.1)	Enterprise Edition (64-Bit)	DMSQL10	AMD Opteron(TM) Processor 6274	2	4	4	N/A	4.0	Yes		May 9, 2018 1:55:58 PM
DMSQL10\DBS10	SQL Server 2014 SP1 (12.0.4100.1)	Enterprise Edition (64-Bit)	DMSQL10	AMD Opteron(TM) Processor 6274	2	4	4	N/A	4.0	Yes		May 9, 2018 1:55:58 PM
JS-XW758\SQL2005	SQL Server 2005 SP4 (9.0.5000.0)	Standard Edition (64-Bit)	JS-XW758	Intel(R) Xeon(R) CPU E5-2670 0 @ 2.60GHz	2	2	2	N/A	4.0	Yes		May 9, 2018 1:56:16 PM
MB-VISTA	SQL Server 2005 SP4 + Hotfix (9.0.5057.0)	Standard Edition	MB-VISTA	Intel(R) Xeon(R) CPU E5640 @ 2.67GHz	2	2	2	N/A	4.0	Yes		May 9, 2018 1:55:55 PM
PUL-HT-W7X86	SQL Server 2005 SP4 (9.0.5000.0)	Standard Edition	PUL-HT-W7X86	Intel(R) Xeon(R) CPU E5-2670 0 @ 2.60GHz	2	2	2	N/A	4.0	Yes		May 9, 2018 2:23:03 PM
SF-TEDDY	SQL Server 2005 SP4 (9.0.5000.0)	Standard Edition	SF-TEDDY	Intel(R) Xeon(R) CPU E5640 @ 2.67GHz	2	2	2	N/A	4.0	Yes		May 9, 2018 1:56:14 PM
SF-WIN08R2	SQL Server 2008 R2 RTM (10.50.1600.1)	Enterprise Edition (64-Bit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		May 9, 2018 1:56:16 PM

✓ You can type on the bottom section of this view the number of instances you want IDERA SQL Inventory Manager to display per page. Click **Refresh** to apply the changes.

Options available for a single instance

On the SQL Licensing view, IDERA SQL Inventory Manager allows you to perform several actions on a single instance as well as bulk actions on several selected instances.

If you select one instance you can perform the following actions:

- View details
- Refresh data
- [Edit instance properties](#) (Owner, Location, Comments and Credentials)
- [Edit Tags](#)
- Export
- More actions: [Decommission](#), [Disable Monitoring](#), [Remove](#), [Add SQL Server instance](#), [Core Factor Table](#), and [Edit MS SQL license info](#).
- Advanced Filters
- Clear Filters

✓ You can also access most of these options from the gear icon next to the selected instance. To access the instance details view, you can click directly on the instance name.

The screenshot displays the 'Database Instances - SQL Licensing by Instances' view in the IDERA SQL Inventory Manager. The top navigation bar shows 'Home', 'Explorer', 'Instances', and 'Administration'. The main header indicates 'Trial Version. Valid until May 24, 2018.' and a search bar. The sidebar on the left has a 'FILTER TABLE BY' section with options like 'Load favorite', 'Save as favorite', 'Instance Tags', 'Owner', 'Location', 'Major Version', 'Edition', 'Minor Version', and 'Apply filter as it changes'. The main table lists instances with columns: SQL Server, Version, Edition, Host, CPU Name, # Of Sockets, # Of Logical Processors, # Of Cores, Core Factor, Possible Core Licenses, Virtual, Fully Licensed With, and Decommission. A context menu is open over the first instance, showing options: Refresh Data, Decommission, Disable Monitoring, Add SQL Server Instances, Remove, Edit Instance Properties, Edit Tags, and Edit MS SQL License Info.

Viewing instance details

You can access an instance details view by selecting the instance and clicking **View Details** on the action items bar or by clicking directly on the instance name. For more information about what information is available on the instance details view, refer to [Viewing instance details](#).

Refresh Data

If you want to refresh the collected data for an instance, select the instance and click **Refresh**

Data  on the action items bar. You can also find this option by clicking the gear icon next to the respective instance. You can only perform this action for one instance at a time.

Edit instance properties

Select an instance and click **Edit Properties** on the action items bar. You can also find this option by clicking the gear icon next to the respective instance. On the properties dialog window you can change the owner, location, comments, and credentials. For more information go to [Editing instances properties](#).

Edit Tags

By selecting an instance and clicking **Edit Tags** on the action items bar, IDERA SQL Inventory Manager opens a new dialog window where you can add new tags or change the currently assigned tags of the selected instance. You can also find this option by clicking the gear icon next to the respective instance. For more information about editing tags for a specific instance, go to [Manage tags for a single instance](#).

Export

The export option  allows you to export the information displayed in this view as a PDF, XLS, or XML format.

More Actions

You can find additional options under the **More Actions** button  on the actions items bar. The following options are available under **More Actions**: Decommission, Disable Monitoring, Remove, Add SQL Server instance, and Core Factor Table.

Decommission

Select an instance and click **Decommission** under **More Actions** to stop monitoring and alerting on that instance. You can also find this option by clicking the gear icon next to the respective instance. For more information about decommissioning an instance or database, see [Decommissioned instances](#).

Disable Monitoring

If you want to disable the monitoring of an instance, select the instance, go to **More Actions**, and select **Disable Monitoring**. You can also find this option by clicking the gear icon next to the respective instance. For more information about disabling instances, click [here](#).

Add SQL Server instance

If you want to access the **Add SQL Server instance wizard**, go to **More actions** and select this option. The wizard opens and allows you to browse and register SQL Server instances.

Remove

If you no longer want to manage an instance, you can remove it by selecting the respective instance, going to **More Actions** on the action items bar, and selecting **Remove**. You can also find this option by clicking the gear icon next to the instance. IDERA QL Inventory Manager displays all removed instances on the Ignored instances view. For more information about removing instances, click [here](#).

Core Factor Table

If your instance is using SQL Server core licensing, you can view the current Core Factor Table values by selecting the appropriate instance, clicking **More Actions**, and selecting **Core Factor Table**. These values are set by Microsoft and can help you calculate the number of possible core licenses for your physical servers. for more information about this feature, see [Using the Core Factor Table](#).

The SQL Server Licensing view displays the following columns specific to core licensing:

- **# of Sockets**. Displays the number of cores per processor, whether physical or virtual.
- **# of Cores**. Displays the sum of all the cores on a system. For example, if a system includes six cores per processor and contains two processors, then the total # of cores is 12. note that the sum does not mix physical and virtual cores but displays each type as a separate line. Check the **Virtual** column for each row to determine if the core is virtual (displays "Yes") or physical (displays "No").
- **Core Factor**. Displays a numerical value that determines the number of core licenses necessary. While an administrator can change this value in the Core Factor Table, this number is provided by Microsoft based on the CPU in use.
- **Possible Core Licenses**. Displays the product of the total number of cores on a system multiplied by the **Core Factor**.
- **Fully Licensed with SA**. Check this box to remove the license count for the instance. You can also manage this setting in the Edit MS SQL Server License Information dialog box.

- **Last Changed.** Displays a timestamp of the most recent change to this record. Changed values include SQL Server major version, CPU name, number of processors, and total number of cores.

If you select several instances, IDERA SQL Inventory Manager allows you to perform the following bulk actions on the selected instances:

- Edit Owner
- Edit Location
- Edit Credentials
- [Edit Tags](#)
- Export
- More Actions ([Disable Monitoring](#), [Enable Monitoring](#), [Decommission](#), [Remove](#), [Add SQL Server instances](#), and [Core Factor Table](#))

For example, if you have a new DBA, you can select all instances on this tab and click **Edit Owner** to change all instance's owners at once.

Advanced Filter

Apply advanced filters to your instances view, for more information, refer to [Filtering and Sorting](#).

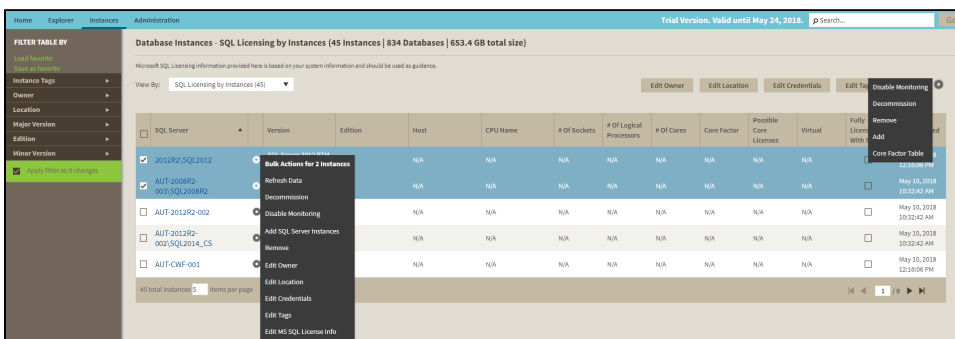
Clear Filters

Clears any applied advanced filters.

Options available for multiple instances

To bulk edit several instances, select the instances you want to change and follow any of these paths:

- Click the option you want to perform on the action items bar: **Edit Owner**, **Edit Location**, **Edit Credentials**, **Edit Tags**, **Export**, **Disable Monitoring**, **Decommission**, **Remove**, **Add SQL Server Instance**, and **Core Factor Table**.
- Or click the gear icon next to one of the selected instances. IDERA SQL Inventory Manager opens a dialog window that shows you on how many instances you are performing the changes.



Exporting from the SQL Licensing view

On the action items bar of the SQL Licensing view, you can find the **Export** option, which allows you to choose your preferred format for exporting the information available on this view. You can export it as a **PDF**, **XLS**, or **XML** file. The filters you choose on this view will be taken into account for your exported reports.

Filtering and Sorting

SQL Inventory Manager offers different ways of sorting and filtering the listed instances/servers, for further information, refer to [Filtering and Sorting](#)



Tip

IDERA SQL Inventory Manager displays the filters you select on the top section of your managed instances view under **Filtered by**. You can remove filters from this section too.

[IDERA](#) | [Products](#) | [Purchase](#) | [Support](#) | [Community](#) | [Resources](#) | [About Us](#) | [Legal](#)