Charts

Charts are populated from the point at which you navigate to the window with the chart. This allows you to view real-time charts for the data point selected. Real-time viewing is dependent on your refresh interval. Once populated, you can manipulate the type of chart you want to display and export the chart or copy it to the clipboard to paste into other programs.

In the Server Details view, click the **Maximize** button on the upper-right corner of a chart to display a large version of the chart. The **Restore** button returns the chart to the default view.

All-time charts in the web console and desktop console have time-range drill-down functionality modeled after SQL Workload Analysis.

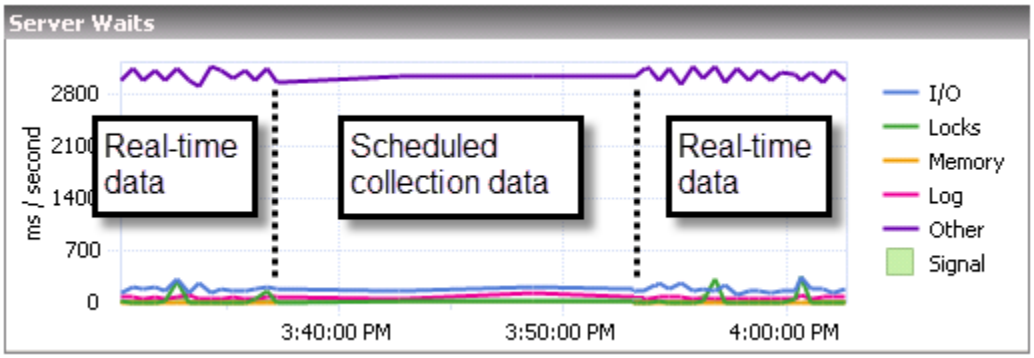
1. Click on your preferred graph and hold the left mouse button.
2. Drag to the left or to the right.
3. Release the mouse button.

The time range selected with the previous steps is the new display history range on all the graphs displayed on different tabs.

Understanding your chart data and refresh interval

SQL Diagnostic Manager charts provide data whether collected in real-time or as part of a scheduled collection event. When you open a view, SQL Diagnostic Manager begins populating the chart with real-time data collected on the interval specified in the **Server View Refresh** field on the Console Options window (**> Console Options**).

If you pause or leave this view and return during the same Console session, SQL Diagnostic Manager displays the real-time data points as previously viewed, followed by a period of data points from any scheduled collections that occurred while you were away. The chart returns to populating with new real-time data points, as shown in the following image:



The displayed data is determined by the last range selected in the top right corner drop-down.

Customize your charts

SQL Diagnostic Manager contains charts that are populated by selecting the appropriate data items collected. Once populated, you can manipulate the type of chart you want to display and export the chart or copy it to the clipboard to paste into other programs.

You can personalize charts by right-clicking anywhere inside the chart and selecting **Toolbar** from the menu. The chart toolbar contains the following options:

Copy To Clipboard

The **Copy To Clipboard** button allows you to copy the chart to your Windows clipboard in various formats.

Print

The **Print** button allows you to print the chart.

Gallery

The **Gallery** menu includes a number of options that allow you to change the type of chart used to represent your data.

Anti-Aliasing

The **Anti-Aliasing** button smooths the lines between your data points to more easily view your data.

Palette Selector

The **Palette Selector** menu includes a number of color choices for you to change the color scheme of your chart.

3D/2D

The **3D/2D** toggle lets you choose to view your results in three- or two-dimensional plots. Additional options become active based on your choice and allow you to rotate your view or cluster your results on the z-axis.

Axes Settings

The **Axes Settings** menu lets you choose how to view each axis, whether to display labels and additional properties for your view.

Point Labels

The **Point Labels** toggle lets you choose to view the actual data at each point.

Data Grid

The **Data Grid** toggle places a table below your chart that displays the data included in your chart.

Legend Box

The **Legend Box** toggle lets you choose to view a legend for your displayed data.

Zoom

The **Zoom** button allows you to zoom in on a point in your chart.

Properties

The **Properties** button displays additional properties for further customization of your chart.