

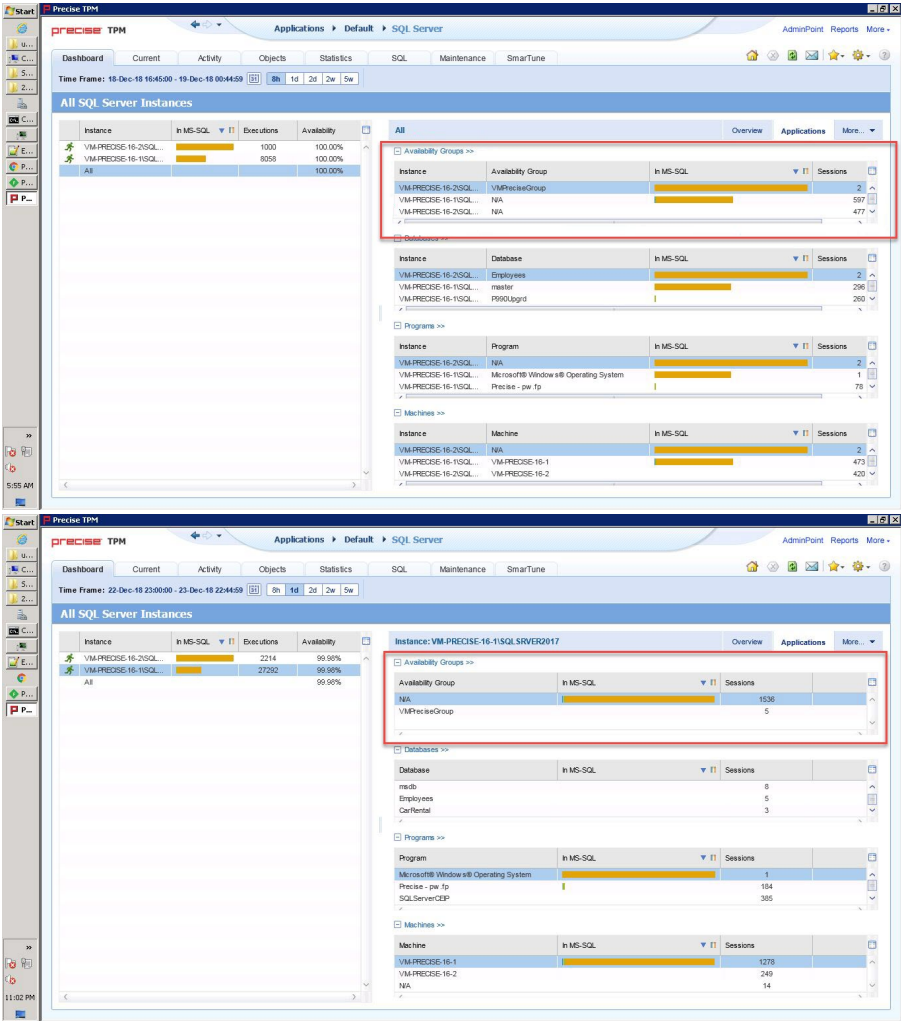
SQL Server Always On

Precise 10.0 includes support for monitoring SQL Server instances in an Always On configuration. This topic illustrates some of those supported features with screenshots.

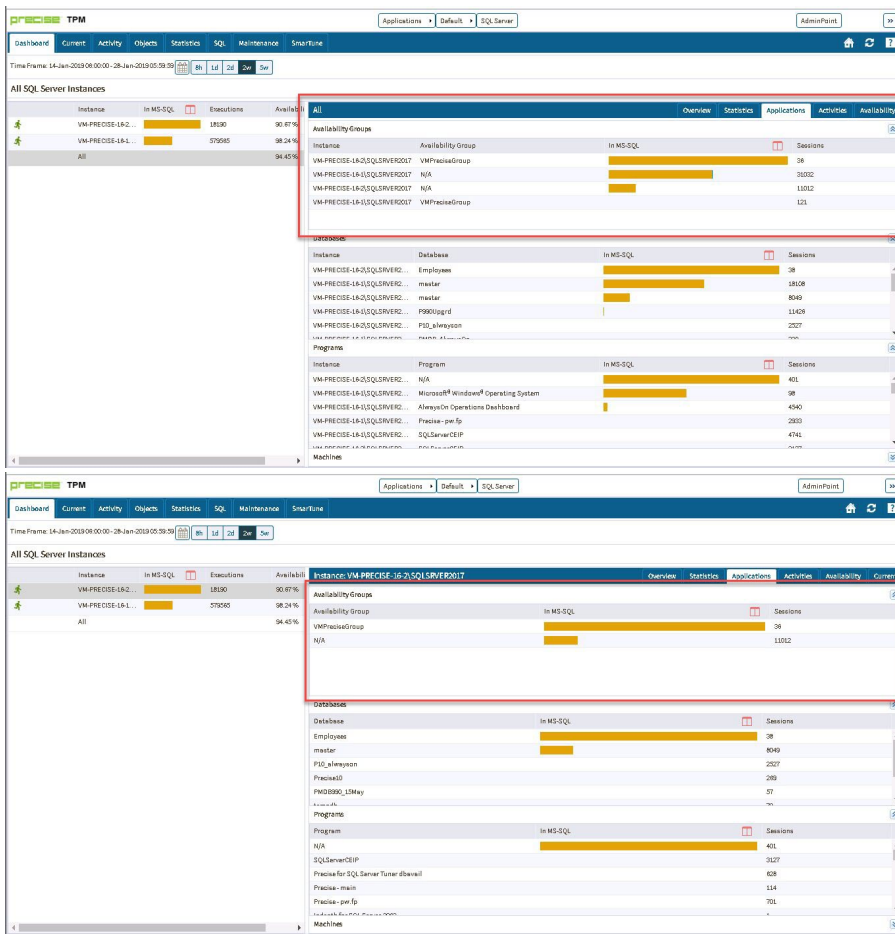
Dashboard tab

In the Dashboard tab, the Applications tab on the right includes a new **Always On Groups** section. This section displays the availability group name, time in MS-SQL, and number of sessions under each group. Databases which are not part of any group appear as N/A.

Previous Precise versions



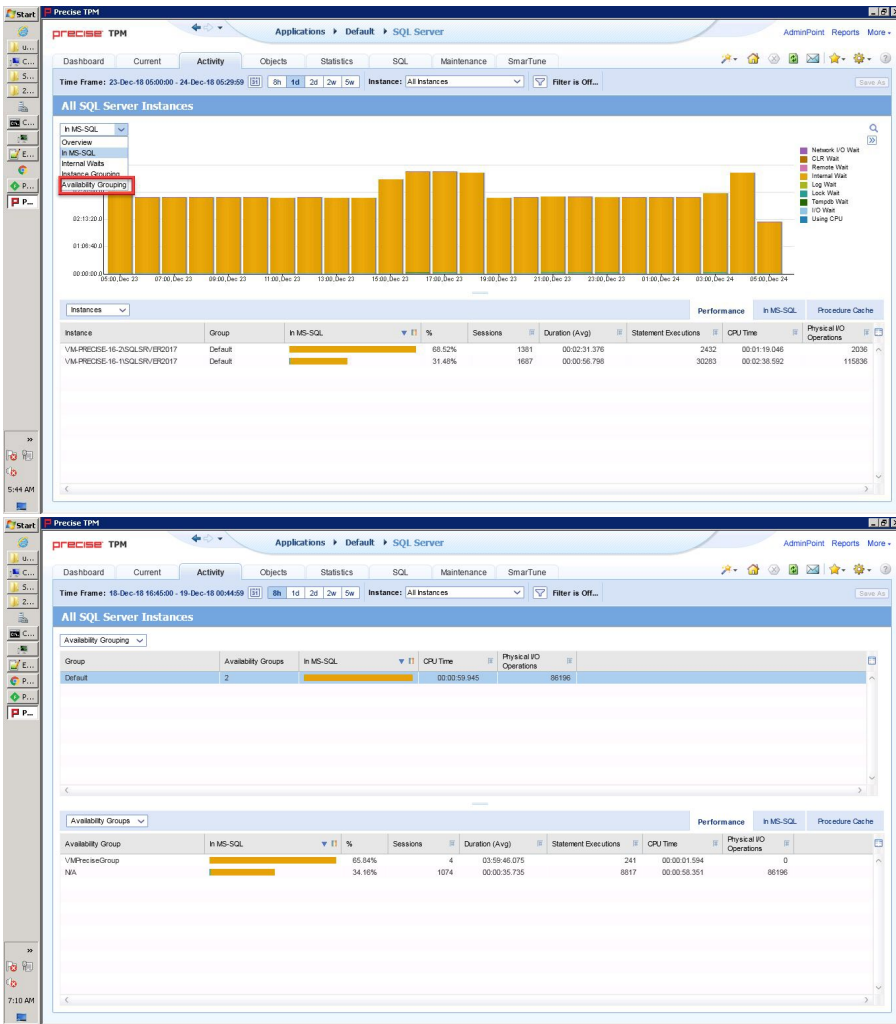
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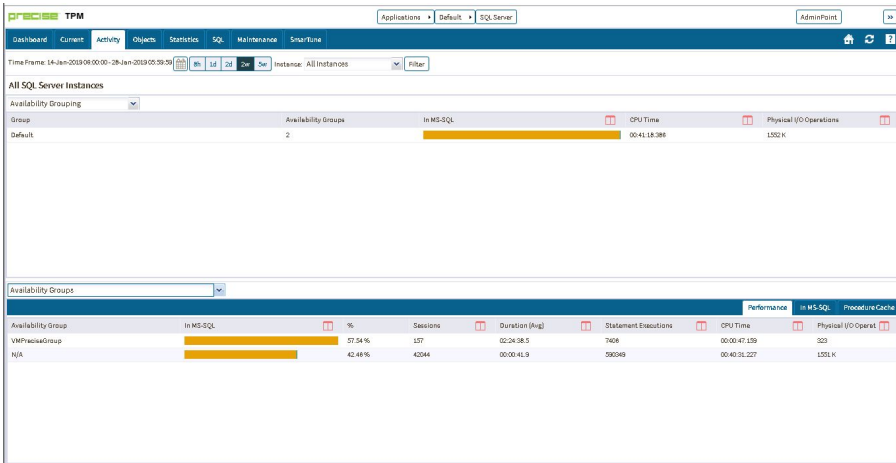
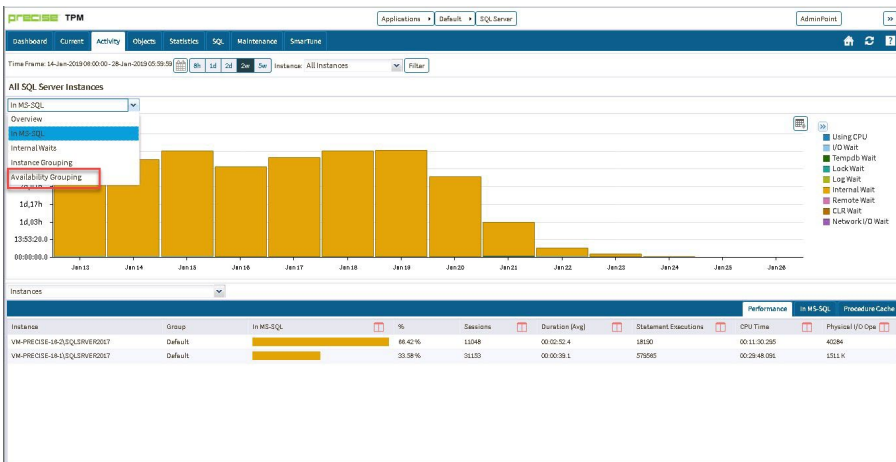
Activity tab

In the Activity tab, at App Tier level, the top drop-down includes a new **Availability grouping** option. Selecting this option causes Precise to display data for all instances grouped by availability group. Activity for databases that are not part of any availability group go under **Default**.

Previous Precise versions

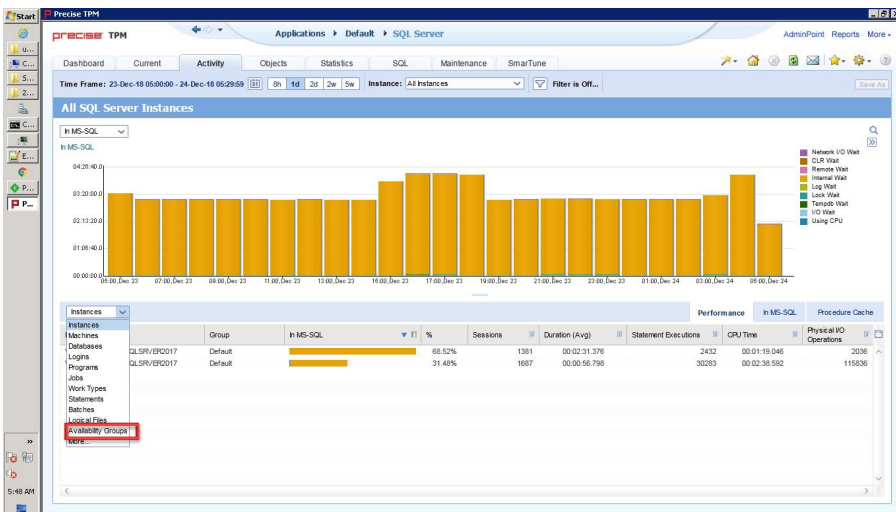


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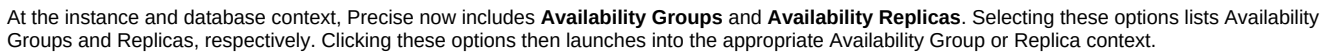


The lower **Associate** field now includes an **Availability Groups** option.

Previous Precise versions

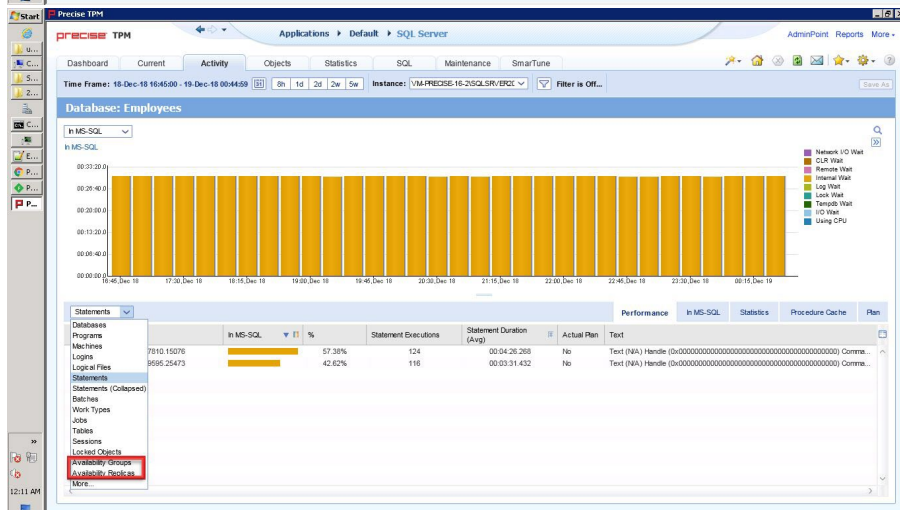


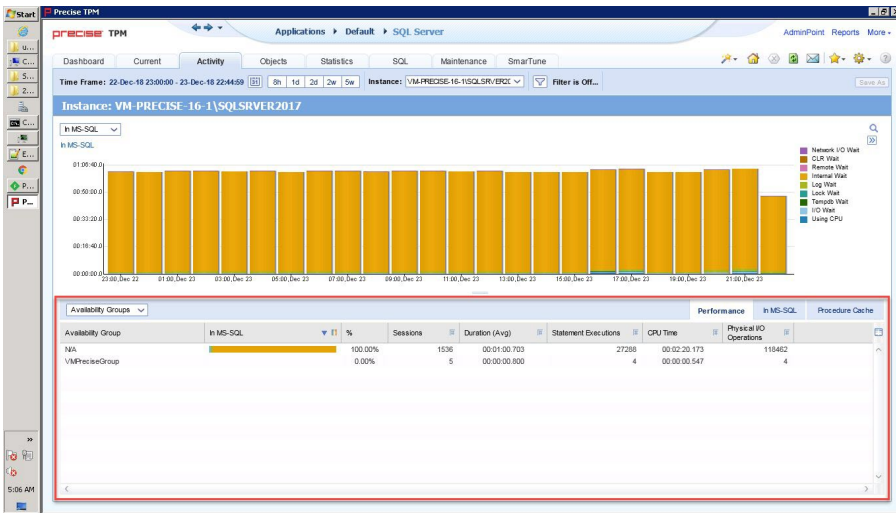
Precise 10.0



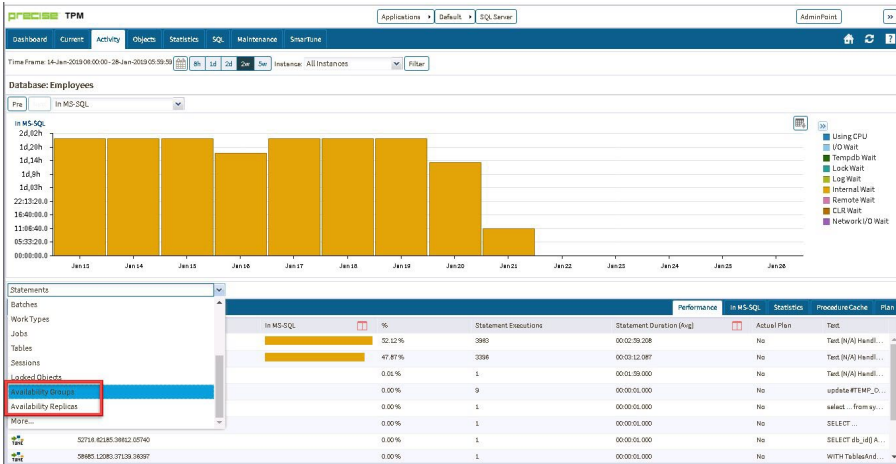
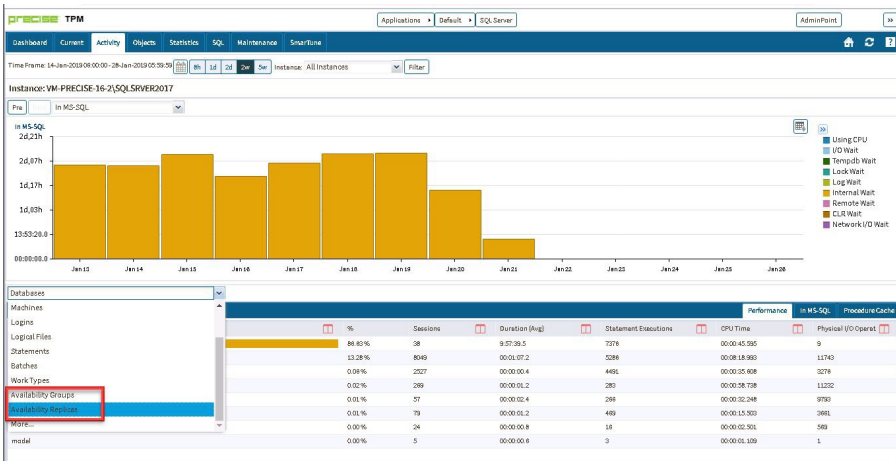
Oracle Enterprise Manager Performance page for instance VM-PRECISE-16-2\SQLESRV\FDCV. The page displays a bar chart of performance metrics over time, with a legend on the right indicating various wait events. Below the chart is a table of performance statistics for the instance, including CPU time, physical I/O operations, and statement executions. The table is filtered for the instance VM-PRECISE-16-2\SQLESRV\FDCV. The table has columns for Database, Instance, Sessions, Duration (Avg), Statement Executions, CPU Time, Physical I/O Operations, and a checkbox for Performance. The table shows data for the instance VM-PRECISE-16-2\SQLESRV\FDCV, with a total of 142 sessions, a duration of 00:00:00.254, 478 statement executions, 4 CPU time, and 480 physical I/O operations. The table also includes a 'Performance' checkbox for each row.

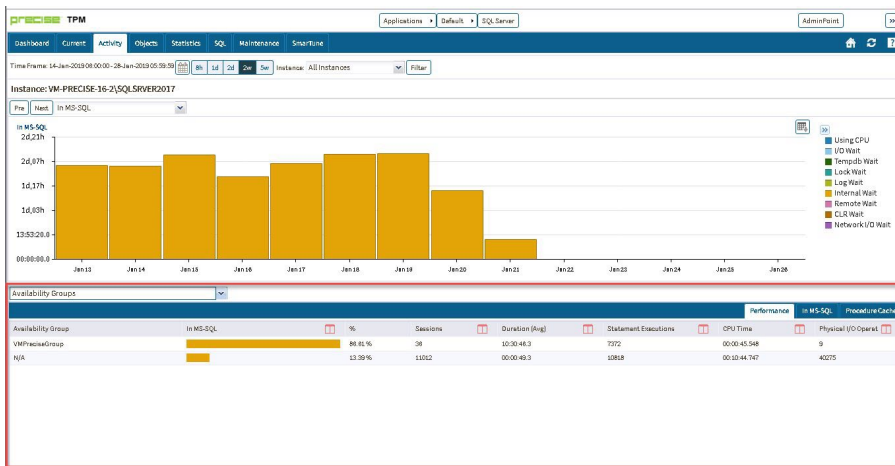
Database	Instance	Sessions	Duration (Avg)	Statement Executions	CPU Time	Physical I/O Operations	Performance
VM-PRECISE-16-2	SQLESRV\FDCV	142	00:00:00.254	478	00:00:02.333	5	☐
VM-PRECISE-16-2	SQLESRV\FDCV	7	00:00:00.857	104	00:00:00.703	180	☐
VM-PRECISE-16-2	SQLESRV\FDCV	4	00:00:01.000	4	00:00:02.469	480	☐





Precise 10.0





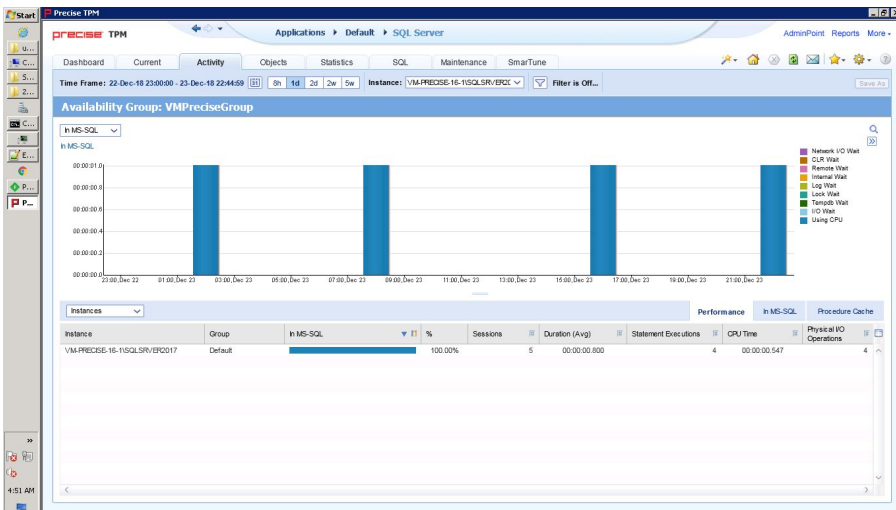
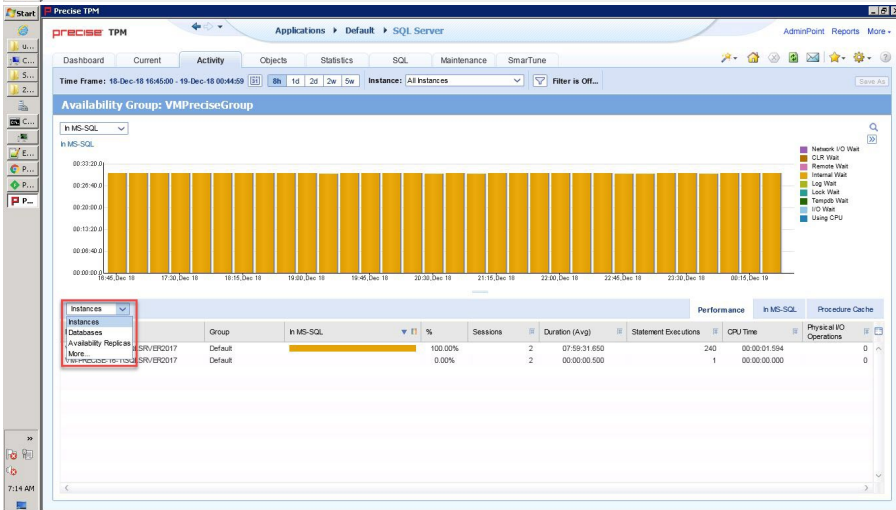
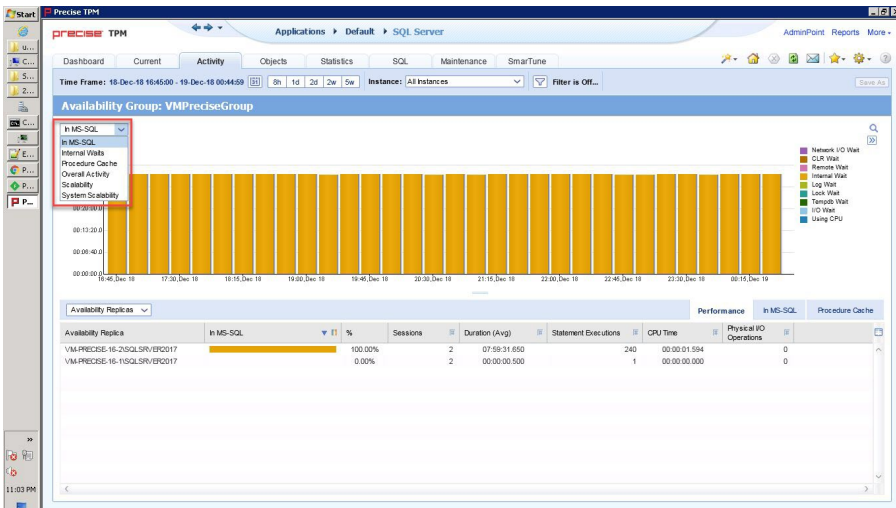
At the **Availability Group** context, the upper field includes the following options:

- **Internal Waits**
- **Procedure Cache**
- **Overall Availability**
- **Scalability**
- **System Scalability**

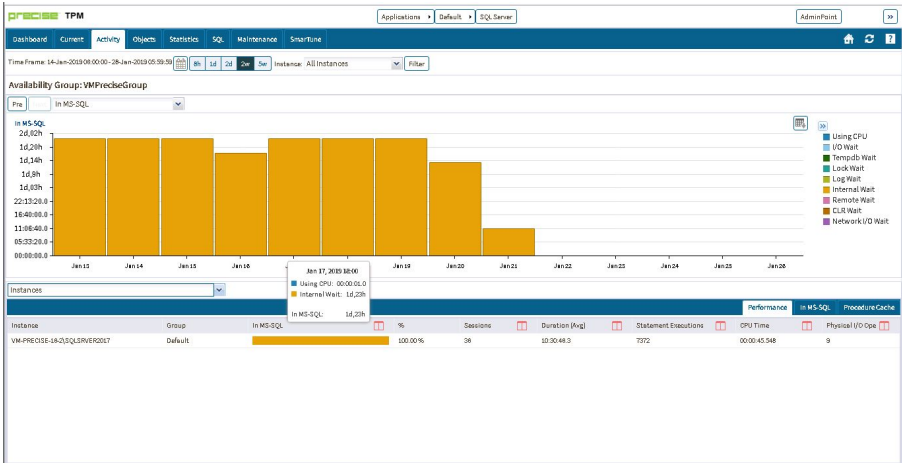
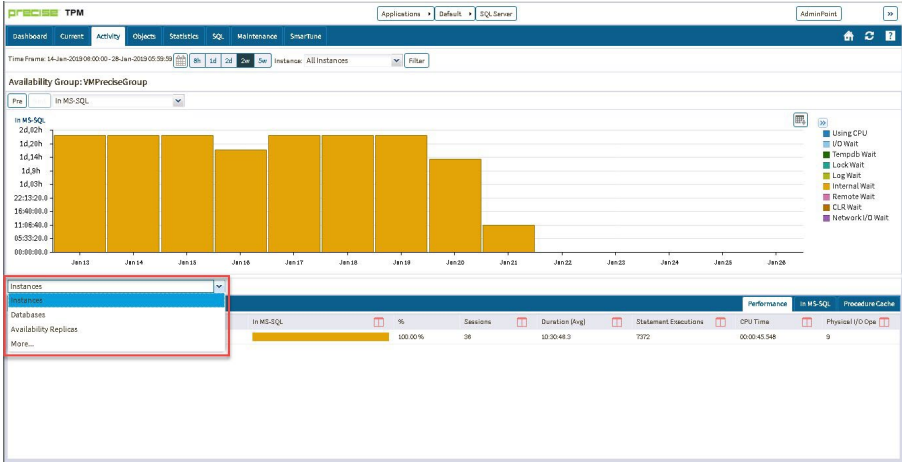
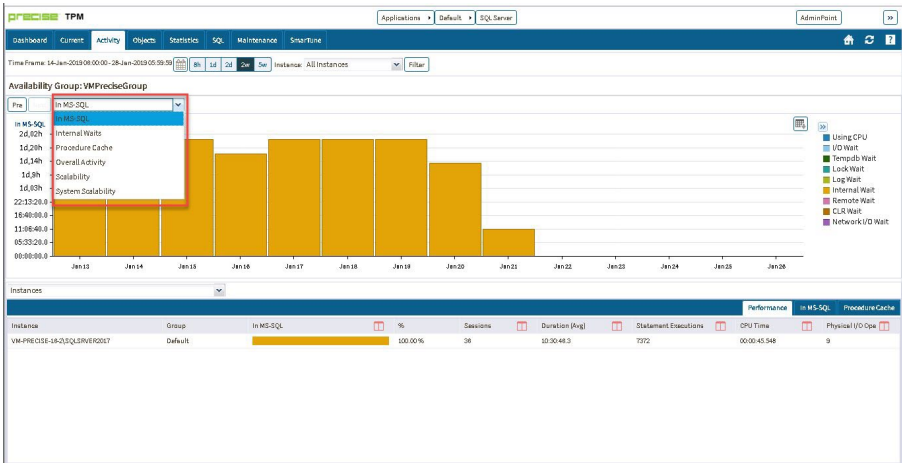
The lower field includes the following options:

- **Instances**
- **Databases**
- **Availability Replicas**

Previous Precise versions

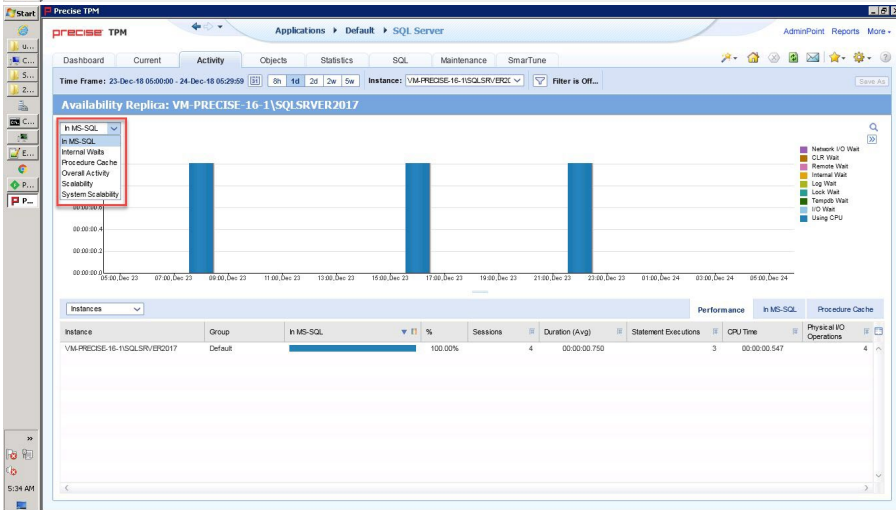
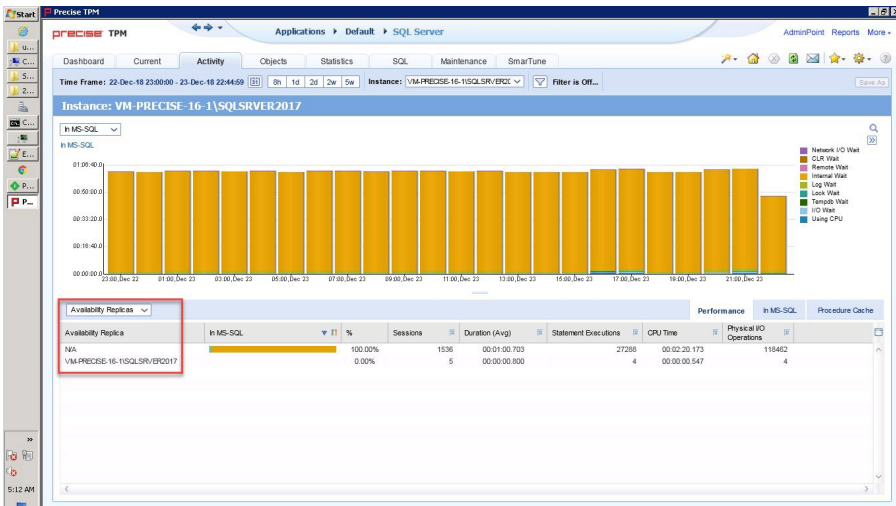


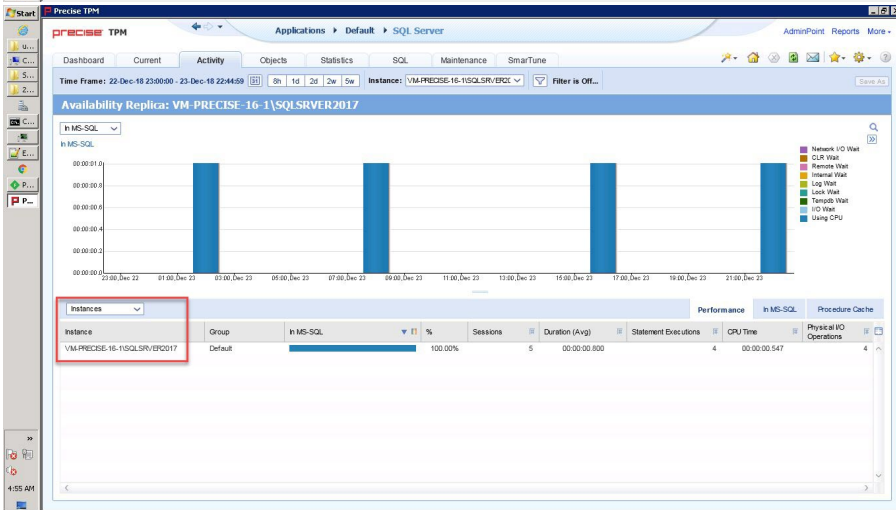
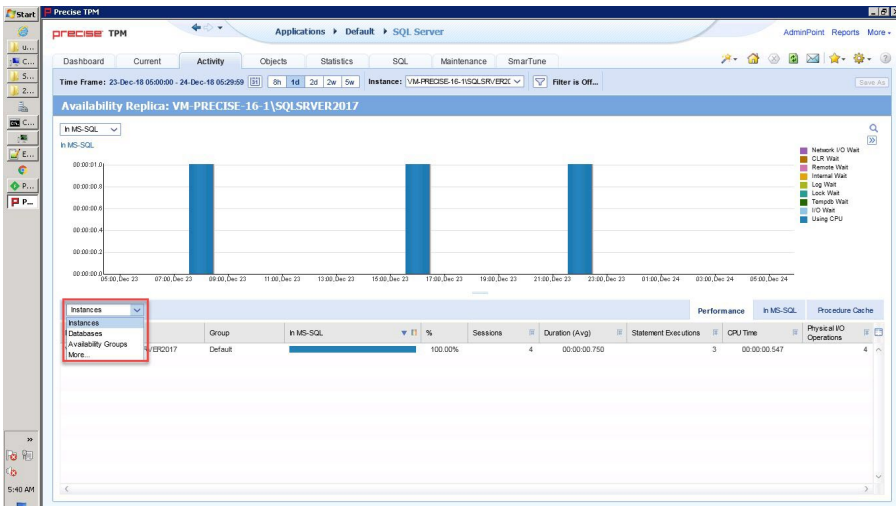
Precise 10.0



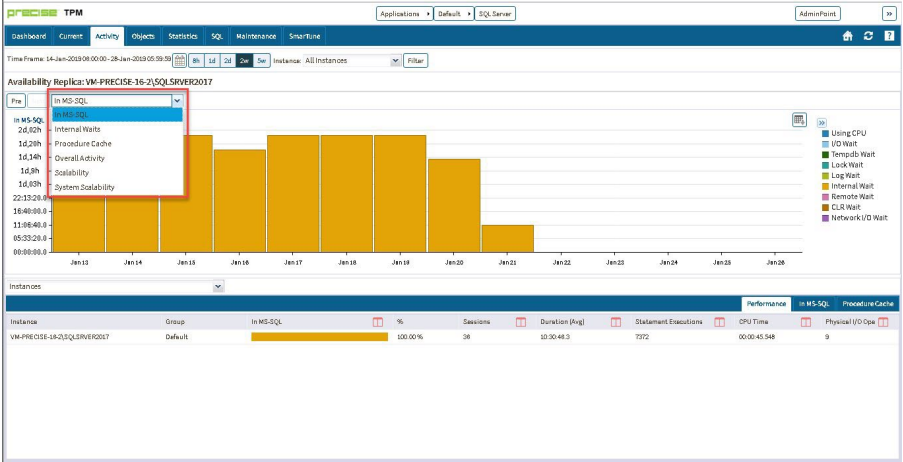
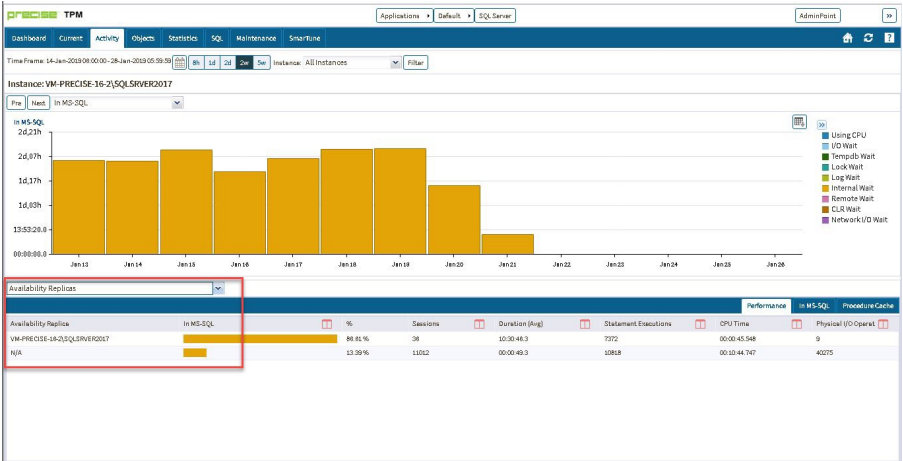
At the **Availability Replica** context, similar options are available at the top and bottom dropdowns.

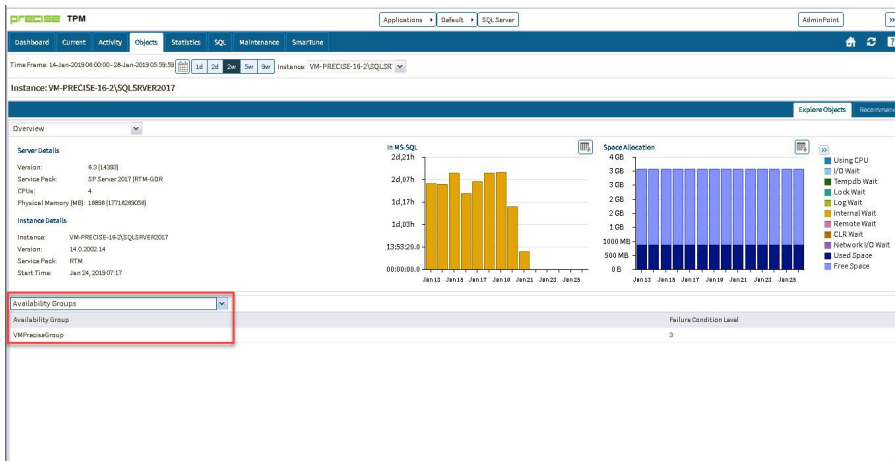
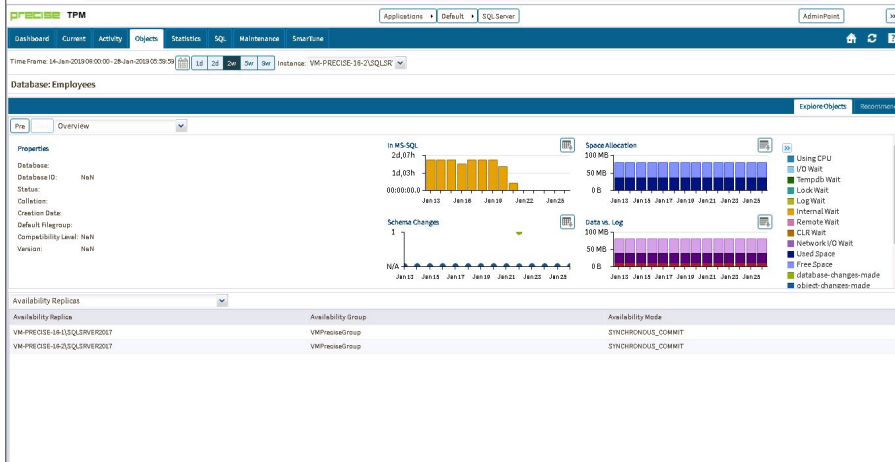
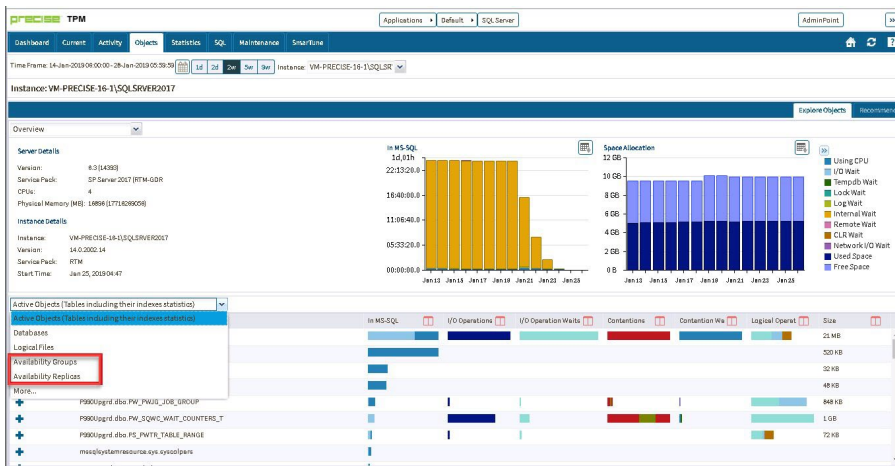
Previous Precise versions





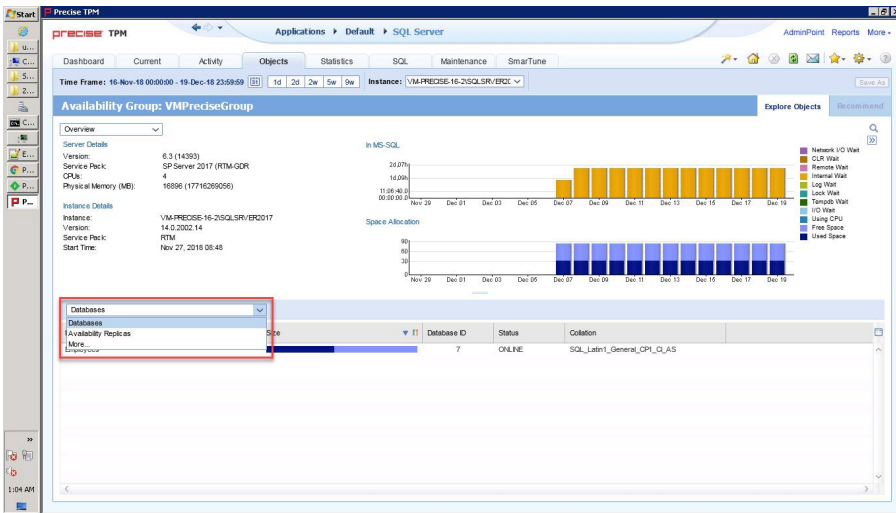
Precise 10.0



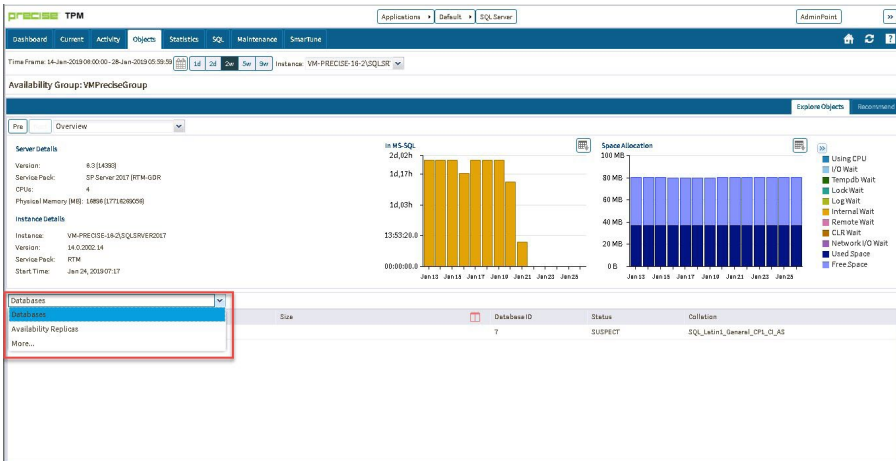


When an Availability Group is clicked on the lower grid, Precise launches the **Availability Group** context. By default, Precise displays an overview in the upper area while the lower area displays a list of databases under this Availability Group.

Previous Precise versions

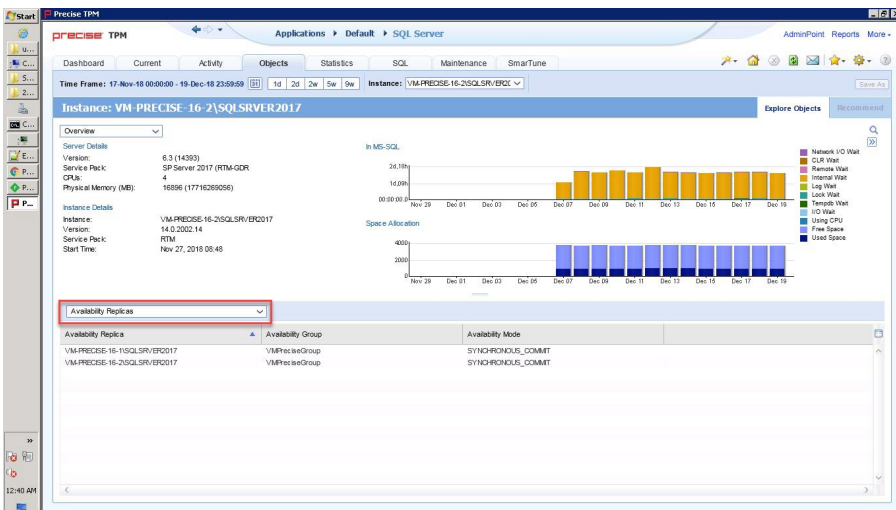


Precise 10.0

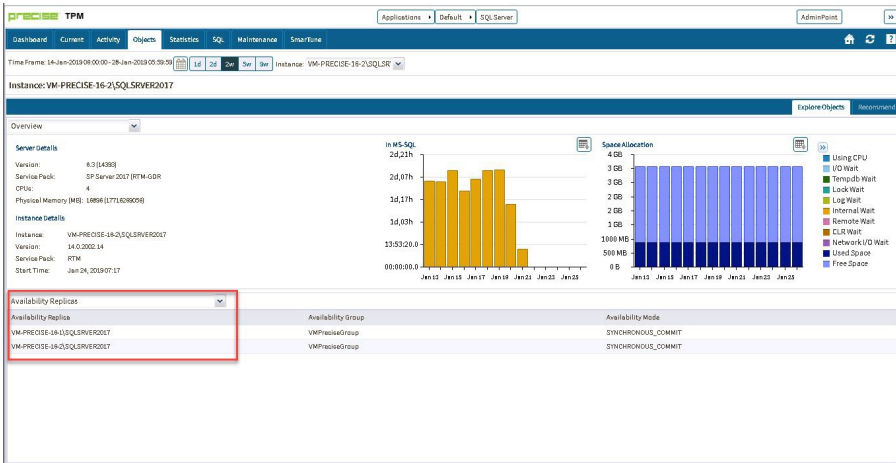


When **Availability Replicas** is selected in the lower field, Precise displays the list of Availability Replicas.

Previous Precise versions

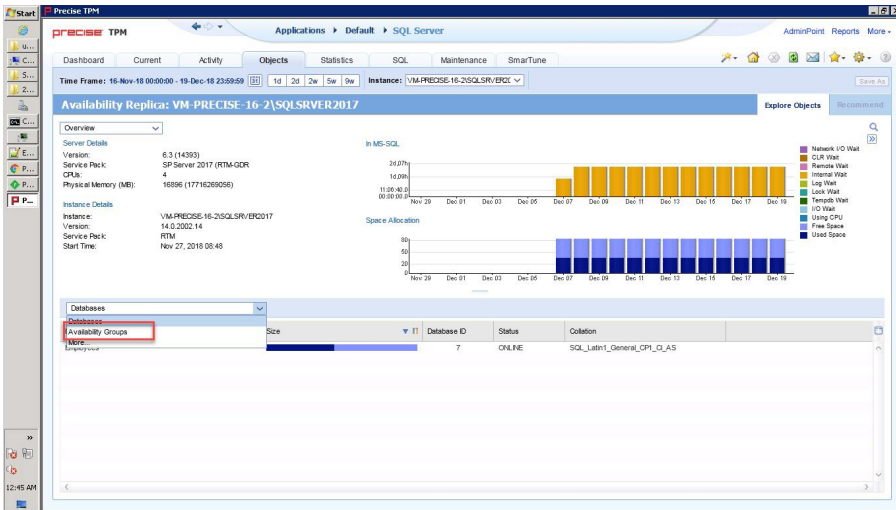


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Clicking an **Availability Replica** row launches to the Availability Replica context.

Previous Precise versions



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