

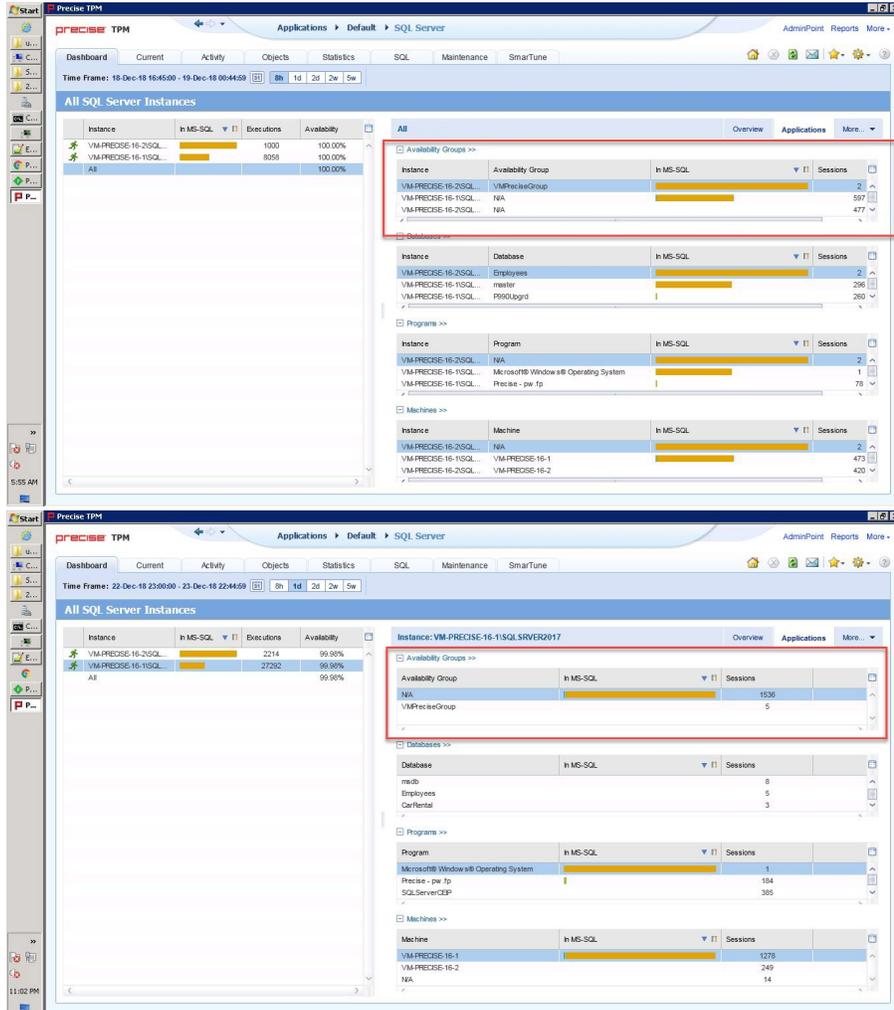
SQL Server Always On

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.

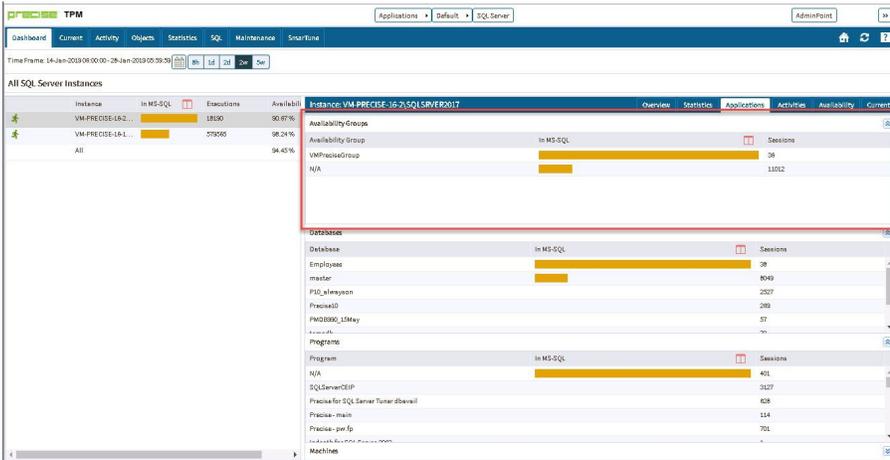
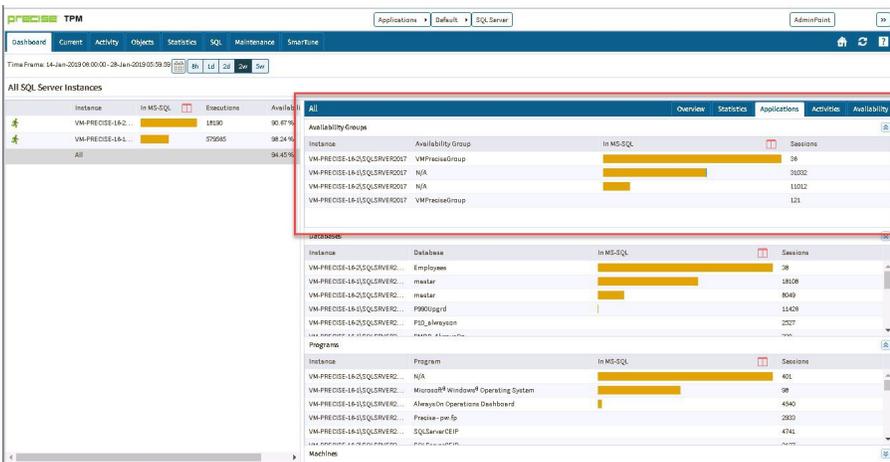
Dashboard tab

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



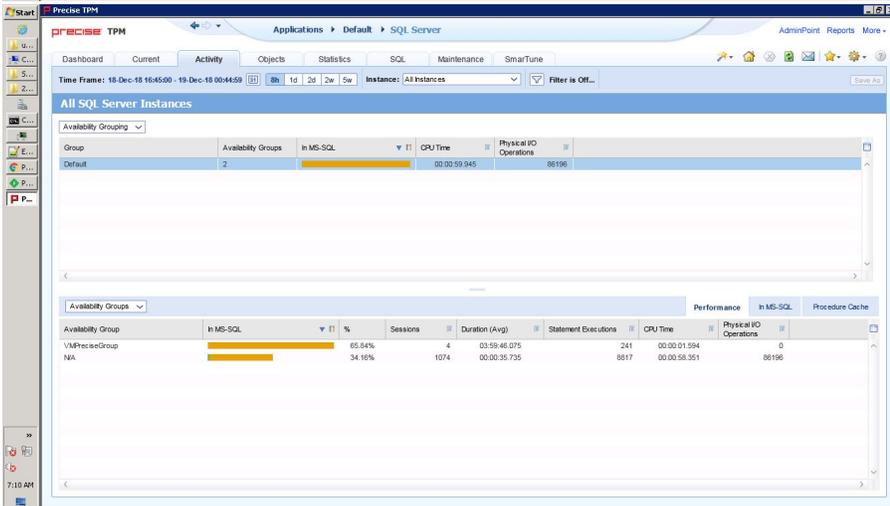
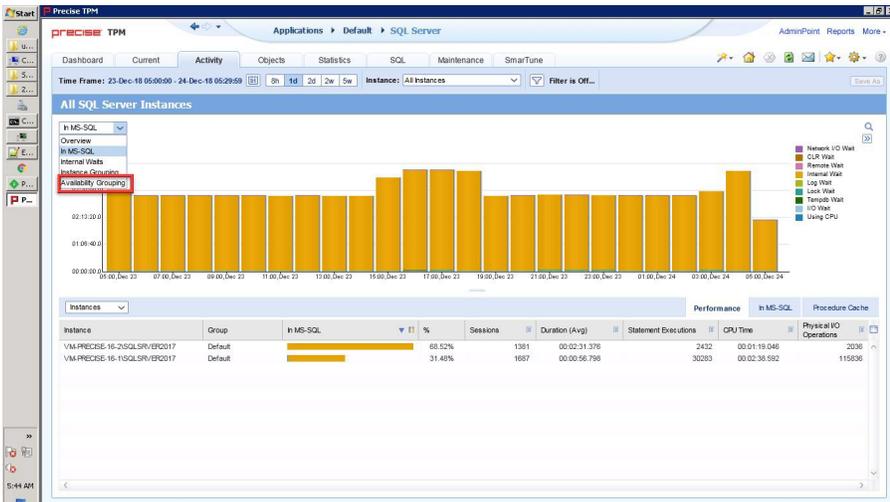
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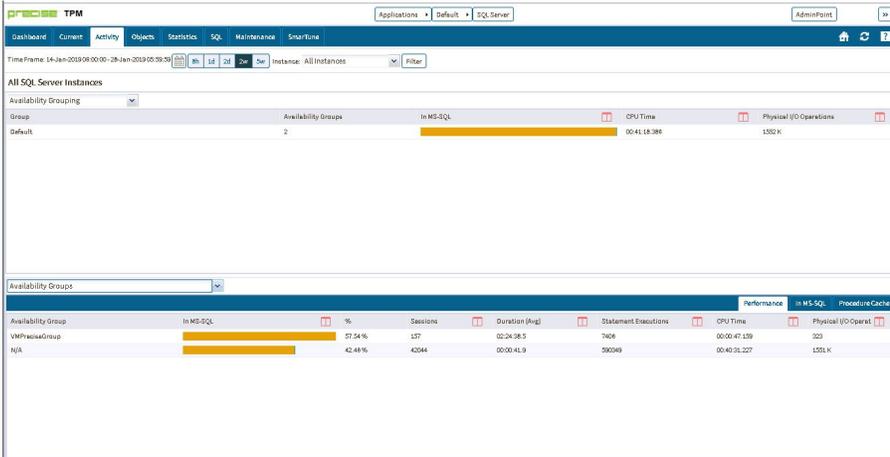
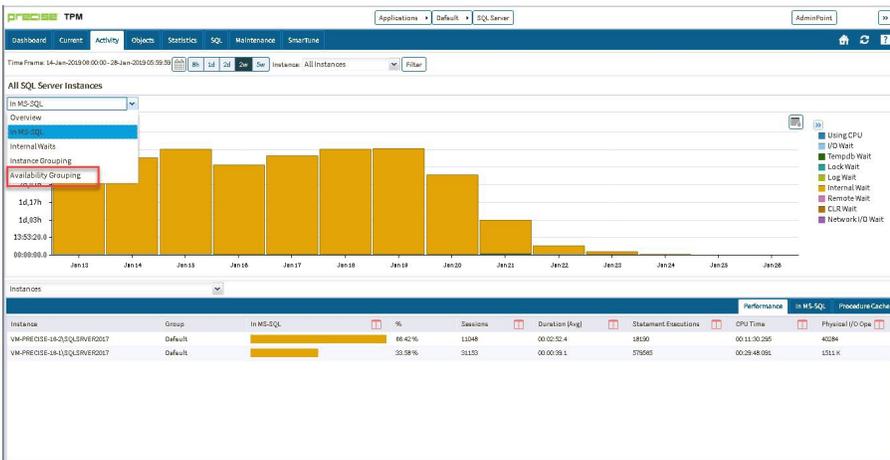
Activity tab

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

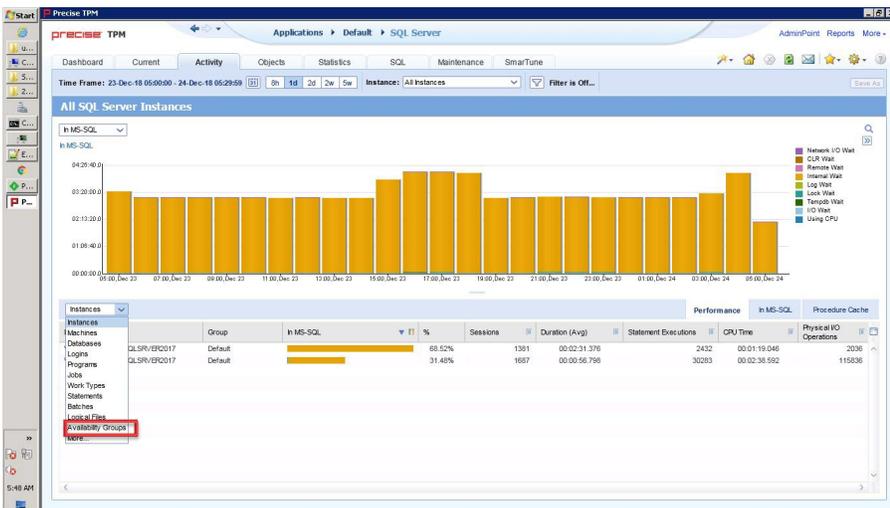


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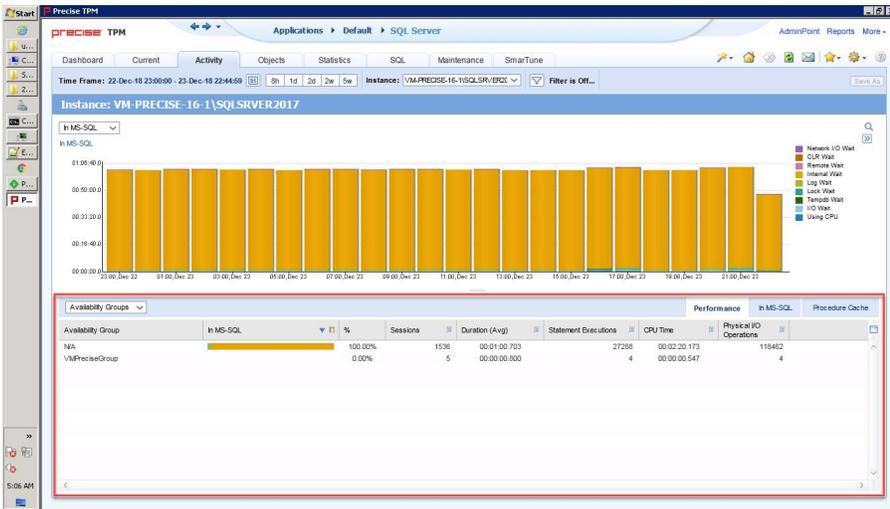


The lower **Associate** field now includes an **Availability Groups** option.

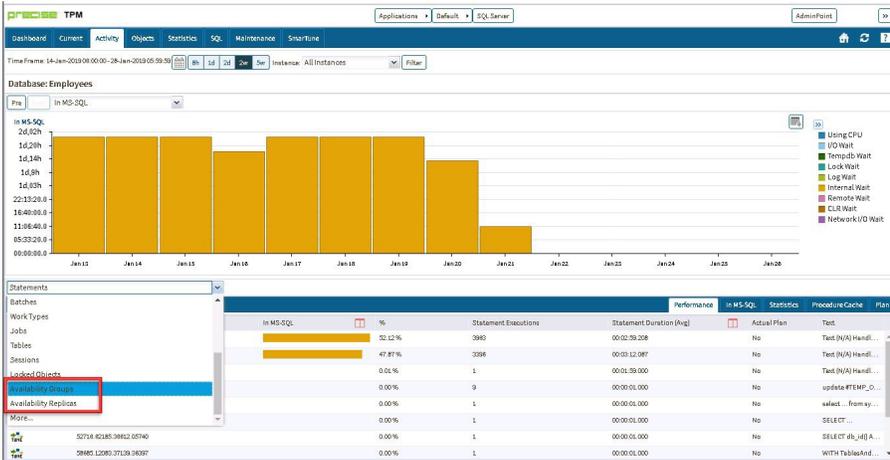
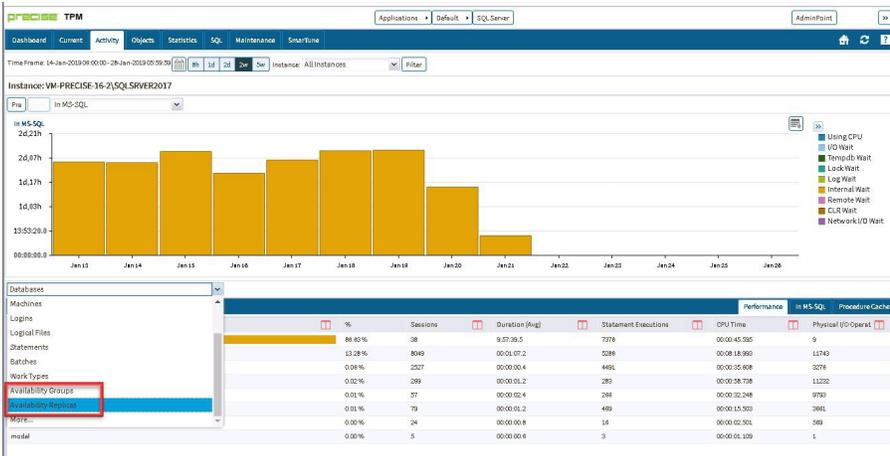
Previous Precise versions

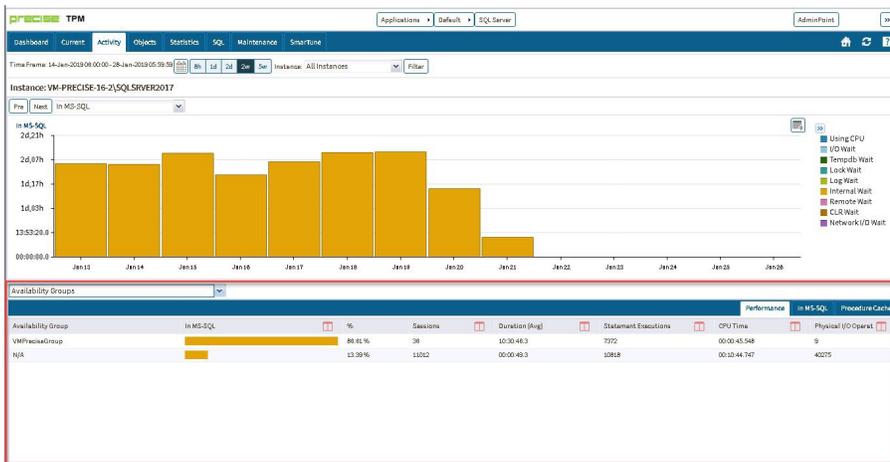


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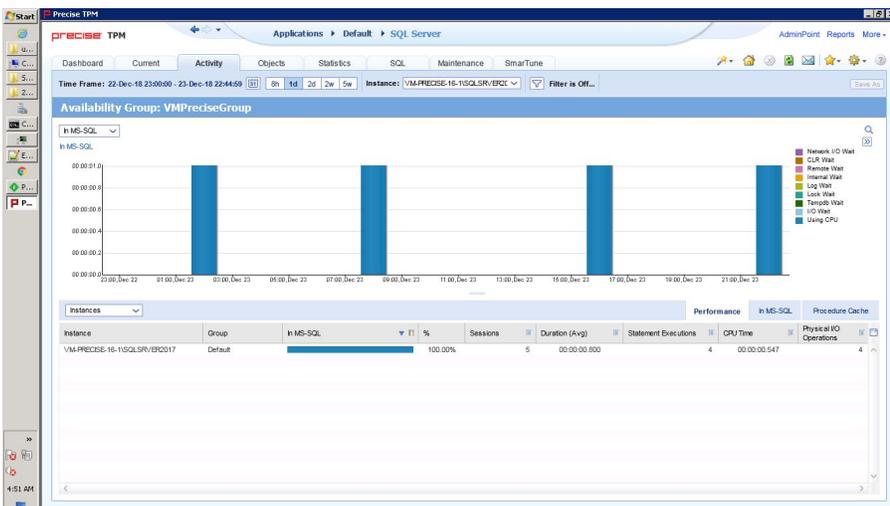
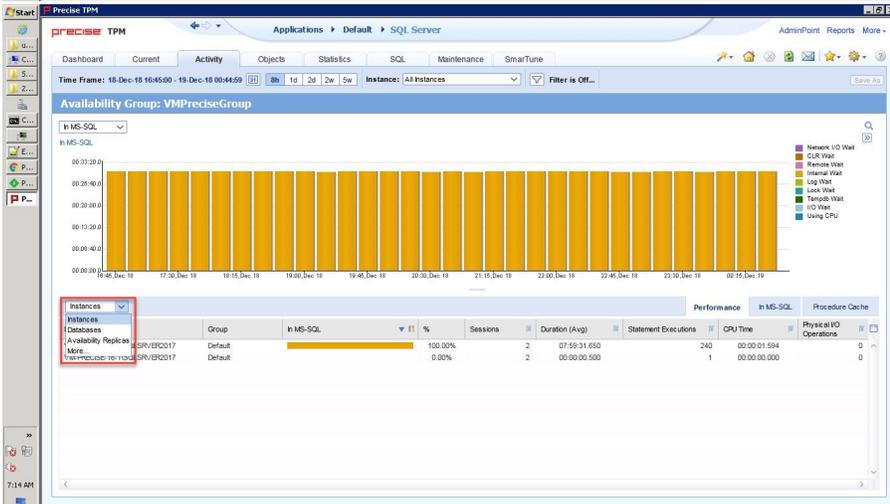
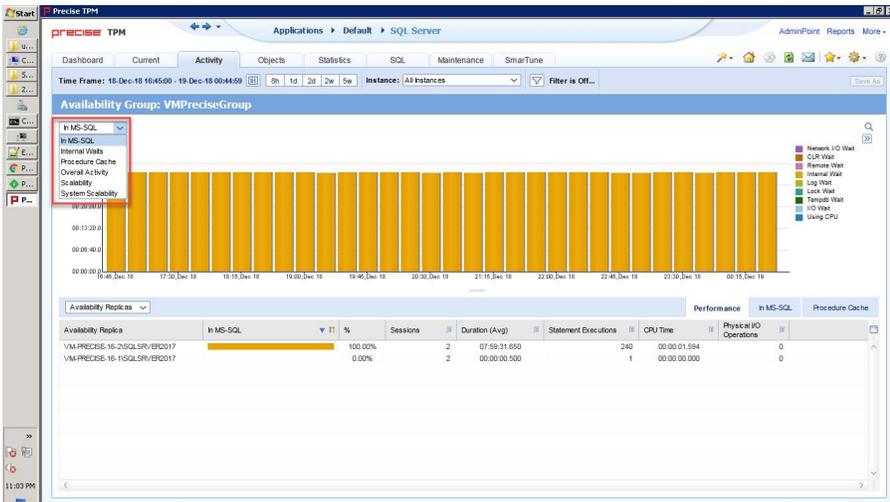
At the **Availability Group** context, the upper field includes the following options:

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

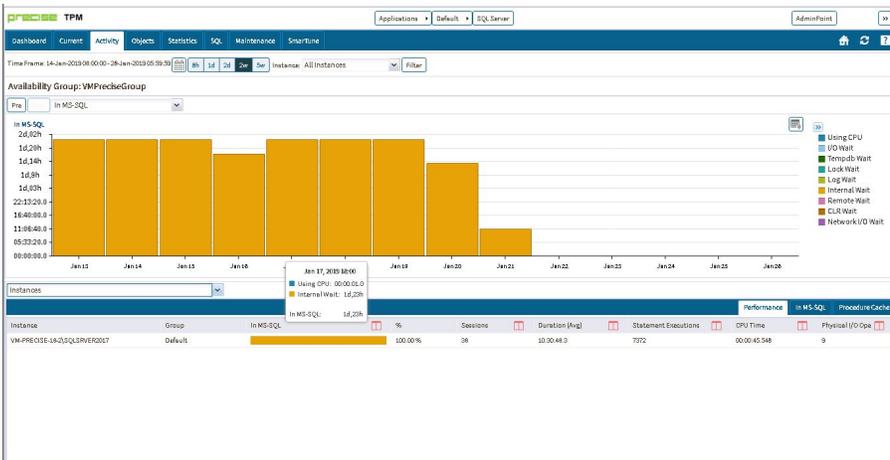
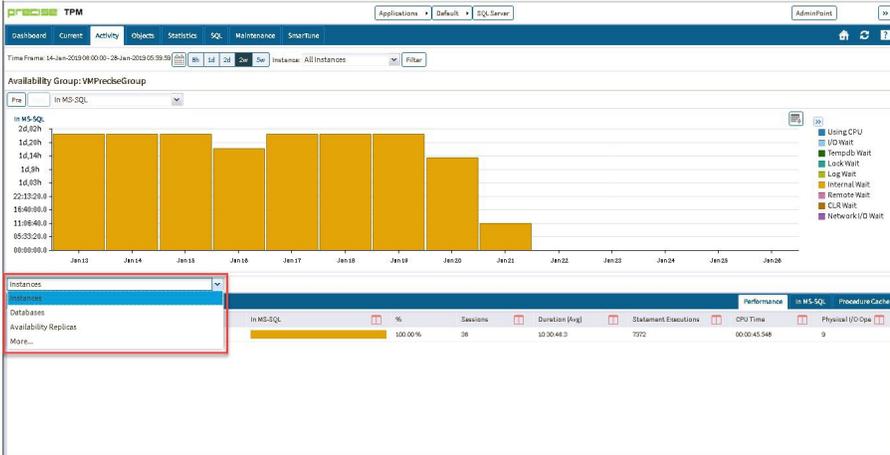
The lower field includes the following options:

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

Previous Precise versions

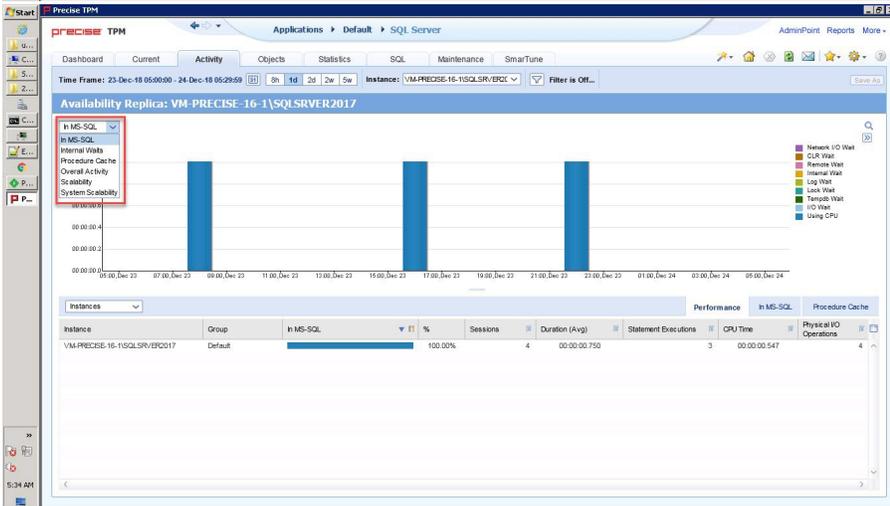
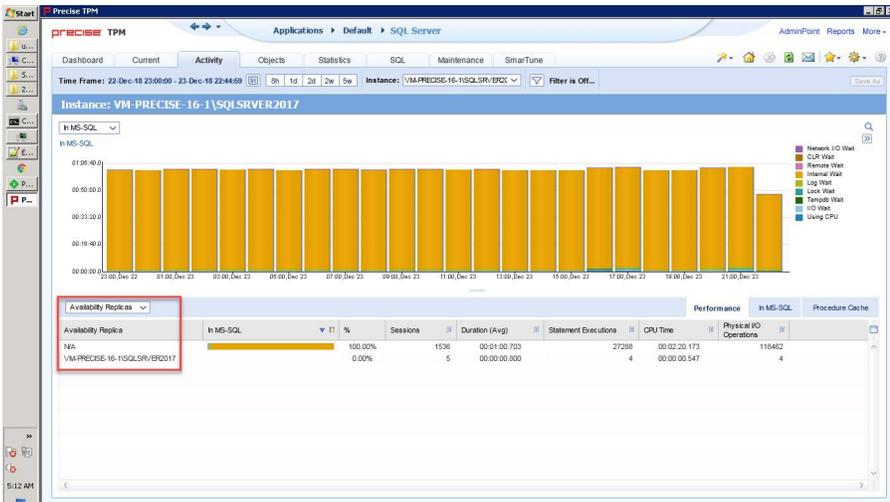


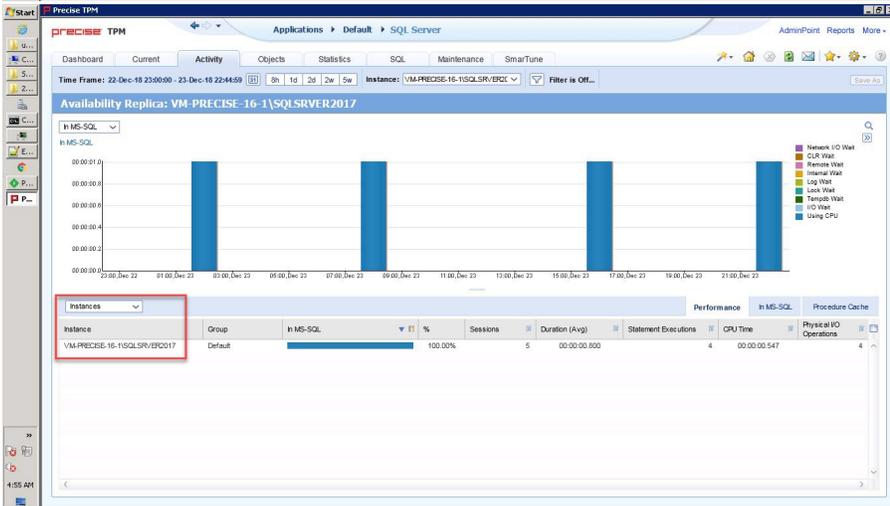
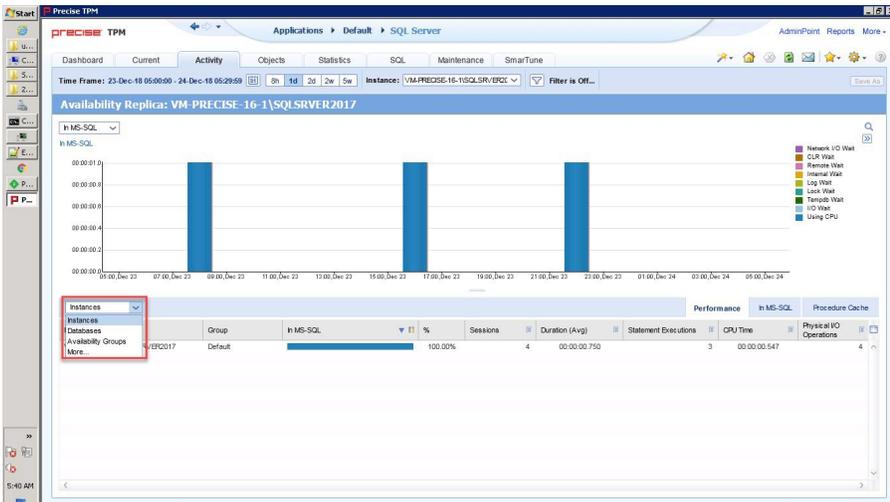
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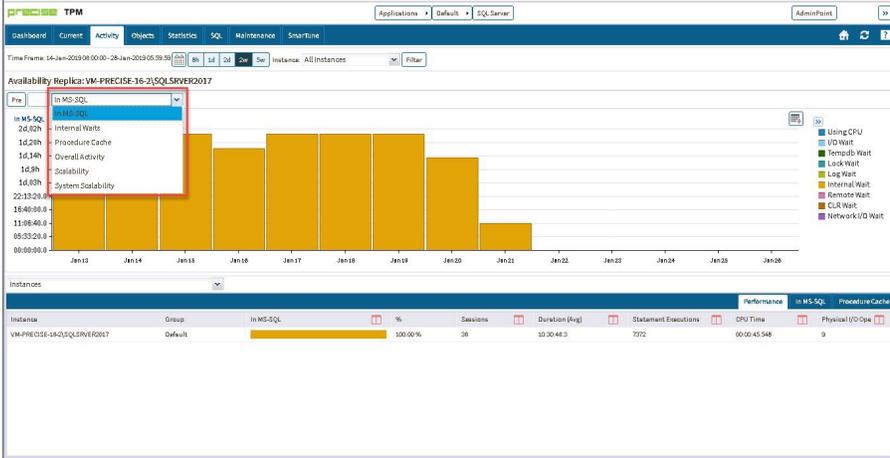
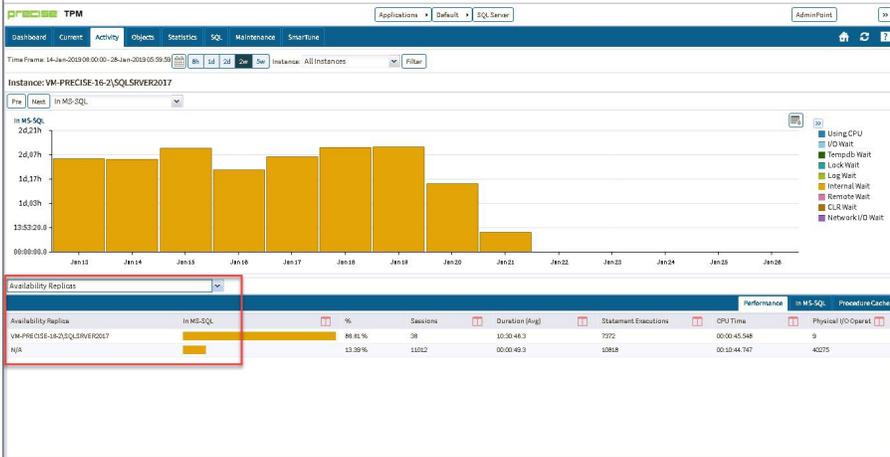
At the **Availability Replica** context, similar options are available at the top and bottom dropdowns.

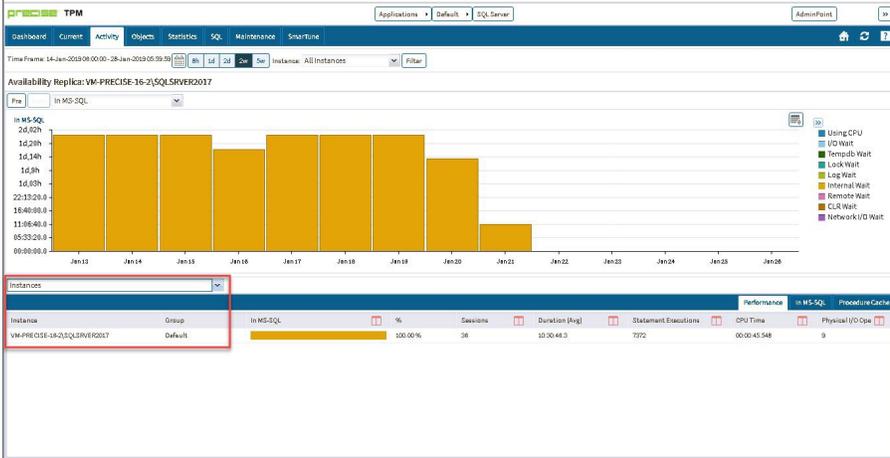
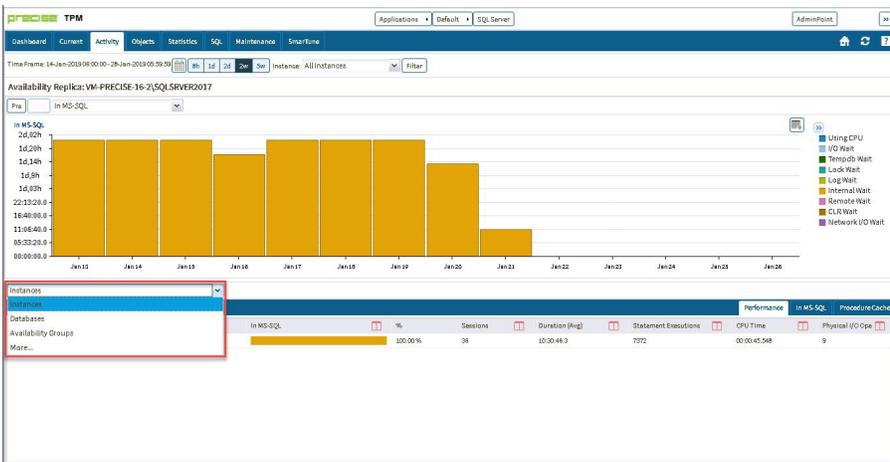
Previous Precise versions





Precise 10.0

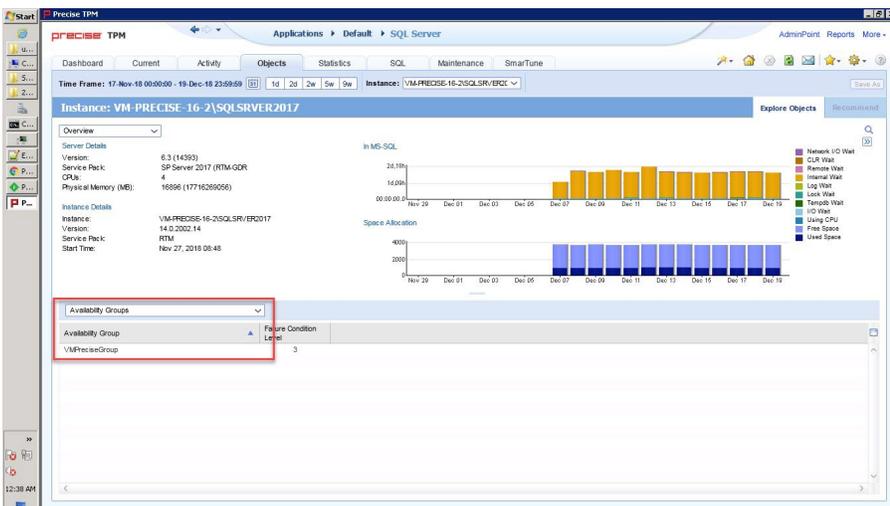
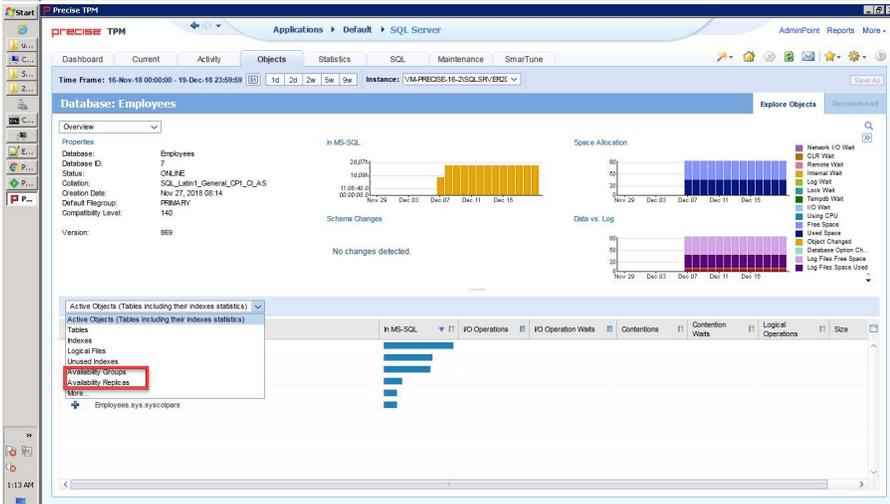
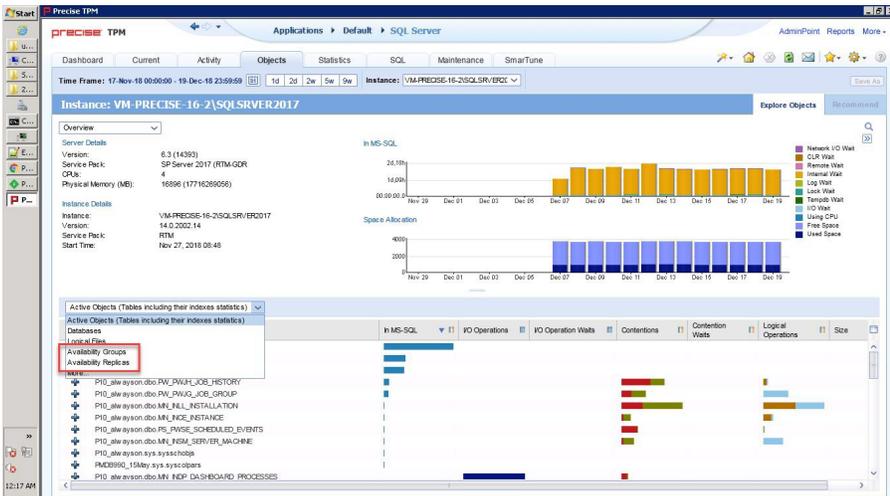




Objects tab

In the Objects tab, under the **Instance** and **Database** context, **Availability Group** and **Availability Replicas** are included in the lower associated field.

Previous Precise versions



Precise 10.0

The screenshot shows the 'Instance: VM-PRECISE-16-1\SQLSRV2017' overview page. The 'Active Objects' dropdown menu is open, showing options like 'Databases', 'Logical Files', 'Availability Groups', and 'Availability Replicas'. 'Availability Groups' is highlighted with a red box. The main area contains several charts: 'In MS-SQL' (a bar chart showing activity over time), 'Space Allocation' (a stacked bar chart showing various wait types and space usage), and a table of 'Active Objects' with columns for 'In MS-SQL', 'I/O Operations', 'I/O Operation Waits', 'Contentions', 'Contention Waits', 'Logical Opens', and 'Size'.

The screenshot shows the 'Database: Employees' overview page. The 'Availability Replicas' section is expanded, displaying a table with columns for 'Availability Replica', 'Availability Group', and 'Availability Mode'. The table contains two rows of data for the 'VM-PRECISE-16-2\SQLSRV2017' instance.

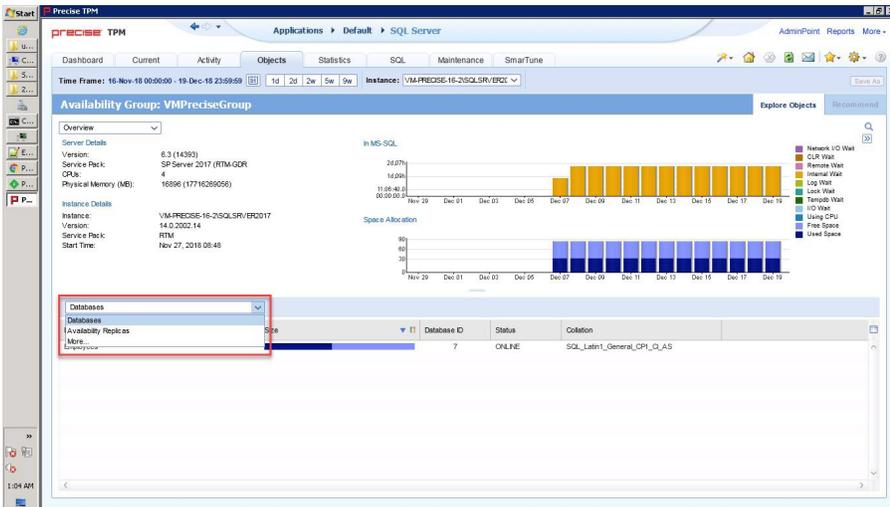
Availability Replica	Availability Group	Availability Mode
VM-PRECISE-16-1\SQLSRV2017	VMPreciseGroup	SYNCHRONOUS_COMMIT
VM-PRECISE-16-2\SQLSRV2017	VMPreciseGroup	SYNCHRONOUS_COMMIT

The screenshot shows the 'Instance: VM-PRECISE-16-2\SQLSRV2017' overview page. The 'Availability Groups' dropdown menu is open, showing 'VMPreciseGroup' highlighted with a red box. The main area contains several charts: 'In MS-SQL' (a bar chart showing activity over time), 'Space Allocation' (a stacked bar chart showing various wait types and space usage), and a table of 'Availability Groups' with columns for 'Availability Group' and 'Failure Condition Level'.

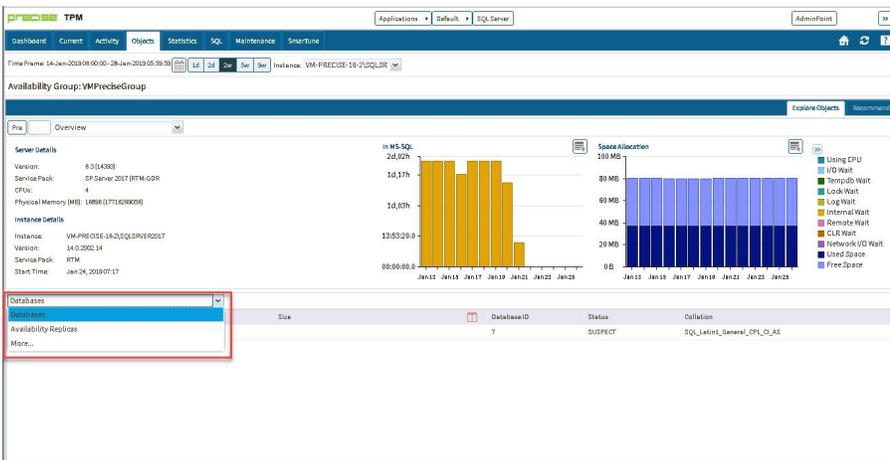
Availability Group	Failure Condition Level
VMPreciseGroup	3

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

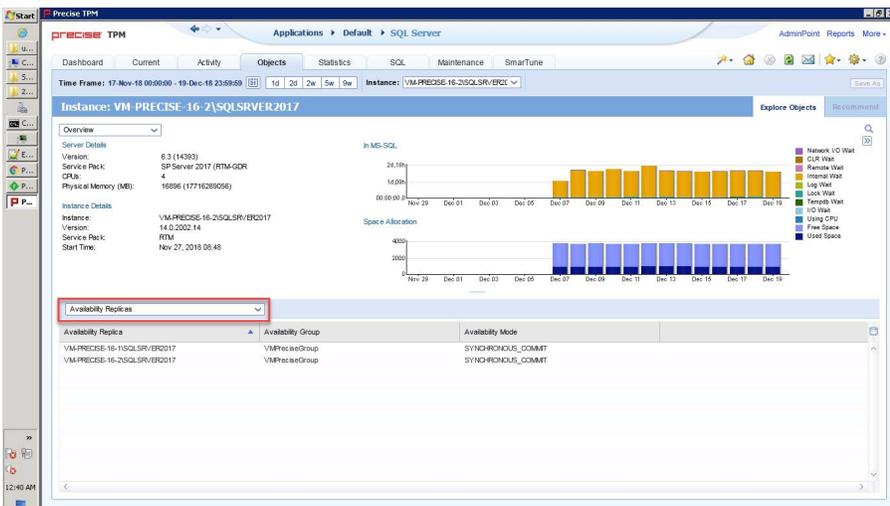


Precise 10.0

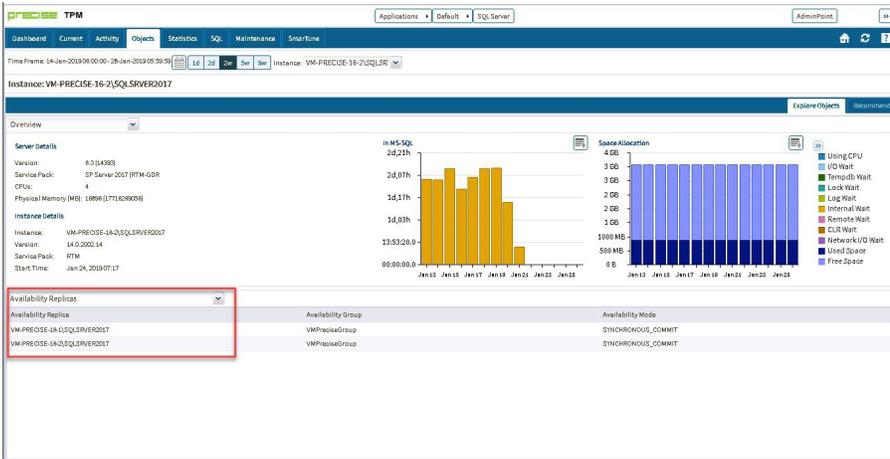


When **Availability Replicas** is selected in the lower field, Precise displays the list of Availability Replicas.

Previous Precise versions

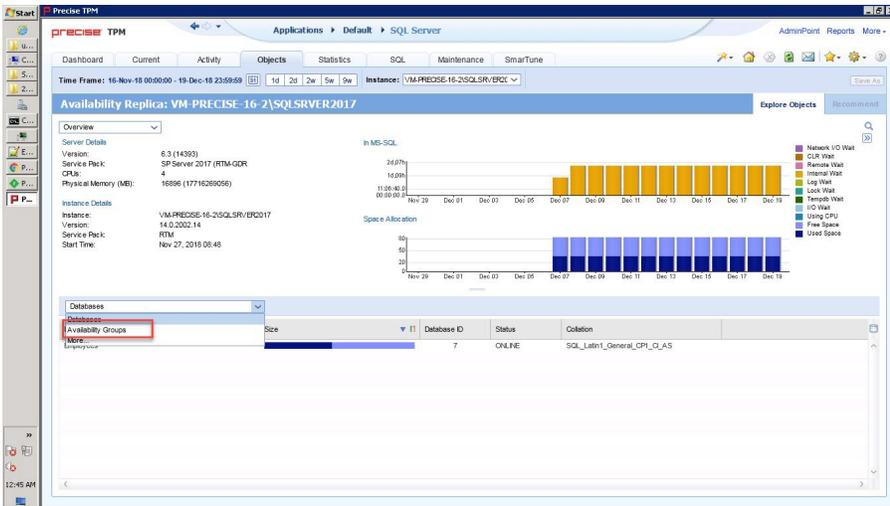


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Clicking an **Availability Replica** row launches to the Availability Replica context.

Previous Precise versions



Precise 10.0

