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| |  | | --- | | Always On Availability Group Latency Report | | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| |  | | --- | | Data Collection Time Local Time: 11/9/2017 6:39:11 PM UTC Time: 11/9/2017 6:39:11 PM | | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | |  | | --- | | Always On Replica Roles (at data collection time) | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | |  |  |  | | --- | --- | --- | | Availability Group Name | Availability Replica Name | Role | | LatencyDemo | SQLNode1 | SECONDARY | | | | | |  |  |  |  |
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| |  | | --- | | Latency Graph | | | | | | | | | | | | | | | |
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| |  | | --- | | Secondary Replica Statistics (microseconds) | | | | | | | | | | | | | | | |
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|  |  | |  | | --- | | Local Flush | | |  |  |  | |  | | --- | | Decompression | |  | |  | | --- | | Receive | |  |  | |  | | --- | | Send | | |  |
|  |  | |  | | --- | | 2050 | | |  |  |  | |  | | --- | | 1 | |  | |  | | --- | | 29 | |  |  | |  | | --- | | 139 | | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | |  | | --- | | **Steps to remove data collection**  Execute the following script on all replicas in the Availability Group:  -- Removes the SQL Agent job created for collecting the diagnostic data EXECUTE msdb.dbo.sp\_delete\_job @job\_name = 'AlwaysOn\_Latency\_Data\_Collection'  **Steps for collecting data**  Collect latency diagnostic data using the following steps: a. Right-click on any of the Availability Groups in SQL Server Management Studio available in the SQL Server AlwaysOn High Availability folder. b. Launch the Availability Group Dashboard by clicking on the "Show Dashboard" option in the context menu. c. Click on "Collect Latency Data" link on the page to initiate a latency data collection.  The diagnostic data collection is done using an Extended Event session, AlwaysOn\_Data\_Movement\_Tracing, which runs as part of a SQL Agent job, AlwaysOn\_Latency\_Data\_Collection, for a period of two minutes. | | | | | | | | | | | | | |  |
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