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H2 database performance limitations? ☒ SOLVED

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jliu-41 Newbie

11-16-2016 0

✓ H2 database performance limitations?

Hi guys,

Does anyone know what is the limitation of the H2 database? Like if it will start to have performance issue when the data storage is greater than 500 GB for example?

Additionally, is there any concern for using H2 for Model Storage and DSE for data storage in the production environment for 500+ connected devices and 1TB+ data storage?

Thank you.

Solved! [Go to Solution.](#)

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1 ACCEPTED SOLUTION

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MENU  **dupatel**  Tanzanite (in response to jliu-41)

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Search at 11-17-2016 06:4

✓ Re: H2 database performance limitations?

H2 is a lightweight database. As so it does have limitations. I believe limit of 2^{64} rows per table is a hard limit.

I would recommend you to check out H2 Database site for exact details and benchmark test result shared to get better insights.

<http://www.h2database.com/html/performance.html>

For production instance, it is recommended to use PostgreSQL.

[View solution in original post](#)



3 Kudos

2 REPLIES

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11-17-2016 06:4

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3 Kudos



Hi Durgresh,

Thanks for the response. From the H2 performance comparison chart, the performance may not be the biggest concern, compared to PostgreSQL. I agreed that PostgreSQL may be a better option for the production environment for the model storage due to its scalability and high-availability feature, as the embedded H2 doesn't support the clustering, and use DSE for the data storage.



1 Kudo

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