Virtual Warehouse

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#What is the maximum number of warehouses you can have in a cluster?
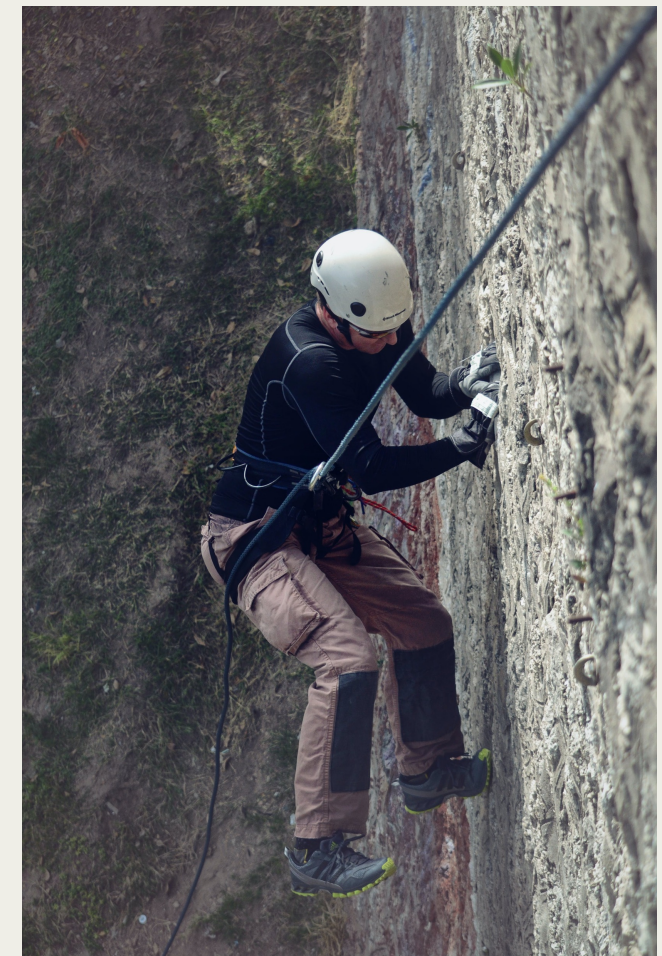
10 is the max number of warehouses you can have inside a cluster.

It depends on the warehouse and what jobs the warehouse is designed to process.

If the warehouse is designed for end user consumption in Snowsight, we use economy scaling policy. However for jobs that are run in ETL the auto scaling policy is standard. We also use the standard scaling policy for warehouses that are consumed for reporting via tableau and power BI.

What is scaling up vs scaling out ?

Scaling up is increasing the compute and memory capacity of a warehouse. We can scale up by resizing a warehouse from the current size to a higher one. We scale up when the job needs memory and processing power

Scaling out is increasing the number of clusters in a multi-cluster warehouse. Scale out is recommended when we have large number of queries that need to be processed and waiting to be picked up.

For ETL jobs and tasks we auto suspend them immediately. For end user warehouses we have set the auto-suspension to the default time-period of 10 mins.

Can you re-size a warehouse when it is running ?

Yes, you can re-size the warehouse when it is running, if you decide to re-size it to make it bigger the currently running queries will not be able to take advantage of the bigger size. Subsequent queries will be able to take advantage of the increased size.

Thank you!

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