NODUS Cloud OS™ 4.0

Bursting Configurations that Bring the Fastest Time to Results at the Lowest Possible Cost

“Only Pay for What You Need”

Bursting Configurations

- Min Burst
  - Spins up the minimum number of nodes required to complete all jobs in the queue. This is ideal for budgeting and controlling cloud costs.

- Max Burst
  - Spins up enough nodes to complete all the jobs in the queue immediately. Gets results as fast as possible.

Bursting Service Off (As-needed)

- Persistent
  - Spins up all or a portion of the licensed instances in a cluster that remain persistent for a period of time. Brings nodes on-line or shuts them down as needed.

- On-demand
  - Spins up the number of nodes required to run one job now. This is an isolated cluster, not for sharing with other jobs.

- As-Needed
  - Spins up the nodes needed to run a job and then they will be taken down when remaining idle for a set period of time.

Bursting Service Enabled

The NODUS burst function detects what jobs are in the queue and automatically spins up, takes off-line, or shuts down nodes depending on the total requirements for the queue. If there are not enough on-line nodes to run all jobs, bursting will bring on as many nodes as needed. If there are more nodes than needed, the excess nodes will be taken off-line. If the job queue is empty, all nodes will be shut down after a specified period of time.

Cluster Configuration

- Cluster Information
  - Current Size: 1

Bursting Service

- Bursting Enabled
  - Bursting Enabled

- Bursting Configuration
  - Burst Size
    - Min Burst
    - Max Burst

View Logs

Burst Once