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Workbench User's Guide

AD Sizing

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Contents

AD Sizing

This section defines the Workbench Anomaly Detection hardware resources required when deploying the Workbench Anomaly Detection (AD) components.

Workbench Anomaly Detection can be deployed as a single-node/host or as a multi-node/host cluster.

The Workbench Anomaly Detection multi-node cluster deployment is available to support high-availability and/or environments that have a high number of hosts and/or low collection frequency.

AD Node/Host - Cores / Memory / Disk

The minimum hardware requirements for each AD Node/Host is:

- **8** CPU Cores
- **8** GB RAM
- **30** GB HD (free)

Required Number of AD Node(s)/Host(s) at each Workbench Data-Center

Workbench currently supports ingesting Metric data from a maximum of 100 Hosts.

Required Number of AD Nodes/Hosts	Number of Hosts sending Metric data to Workbench	Number of Metrics being sent from each Host to Workbench	Frequency of Metrics being sent from each Host to Workbench
1	100	30 (default)	60 (default)
1	100	30	30
2	100	30	10

Important

- Anomaly Detection (AD) Nodes/Hosts should be separate to Workbench Nodes/Hosts - do NOT install AD components on the WB Nodes/Hosts

AD High Availability

Deploy 2 or more AD Nodes/Hosts per Data-Center to provide AD High Availability (HA) - i.e. if 1 AD Node/Host is down Metric data will continue to be processed and Workbench Insights will be generated.