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Workbench User's Guide

AD Architecture

12/15/2025

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AD Architecture

This section details example Workbench Anomaly Detection (AD) architectures; both **stand-alone** and **distributed** Anomaly Detection (AD) deployments.

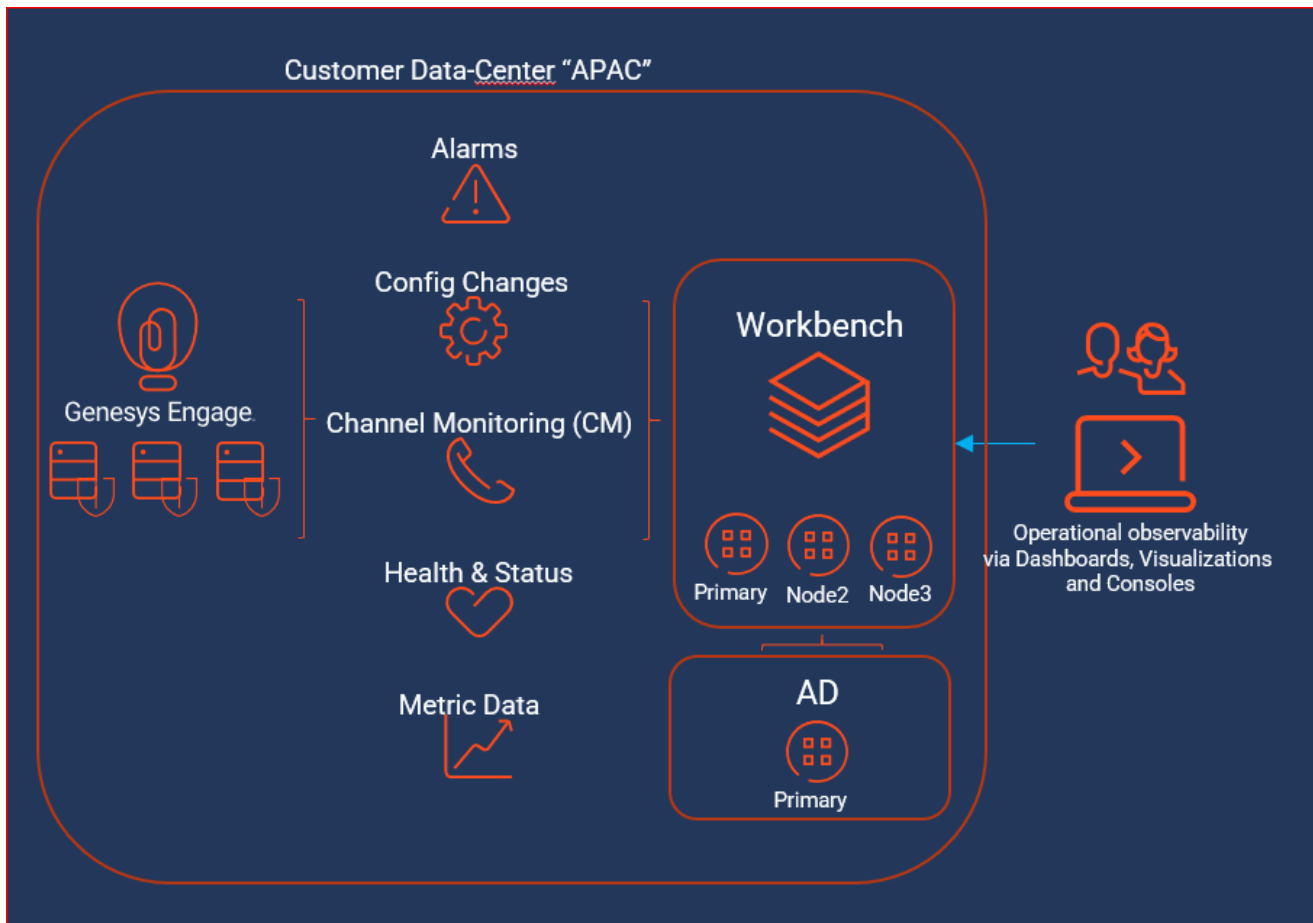
Important

- The Anomaly Detection components must be installed on separate hosts from the Workbench (WB) core components - i.e. do NOT install AD on the WB Hosts

AD Single Node - within single Workbench Data-Center

The example architecture below provides the following:

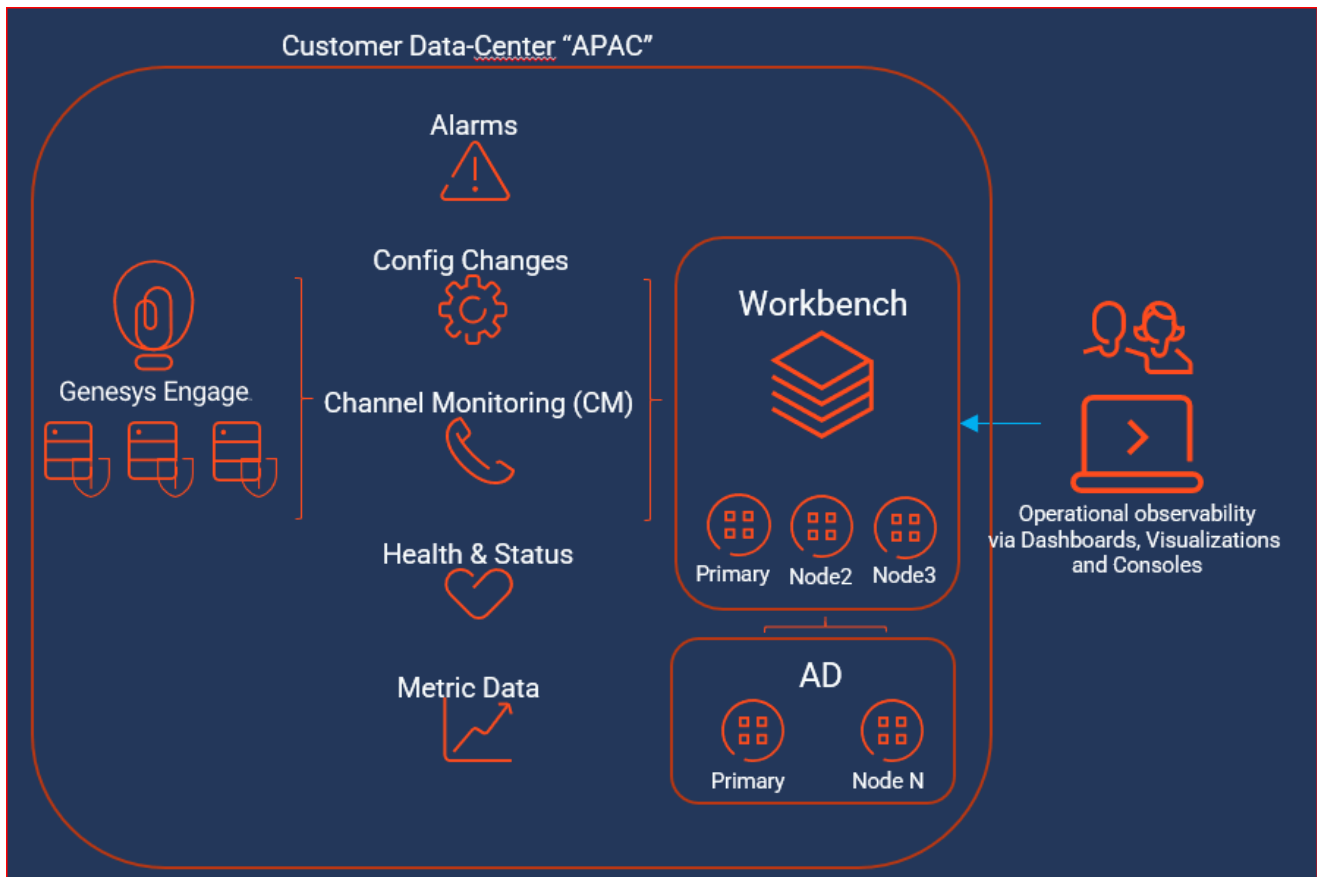
- Workbench AD is a **single** Node/Host
- Workbench AD is integrated with a **single** Workbench Data-Center/Site (i.e. APAC) deployment



AD Multi Node - within single Workbench Data-Center

The example architecture below provides the following:

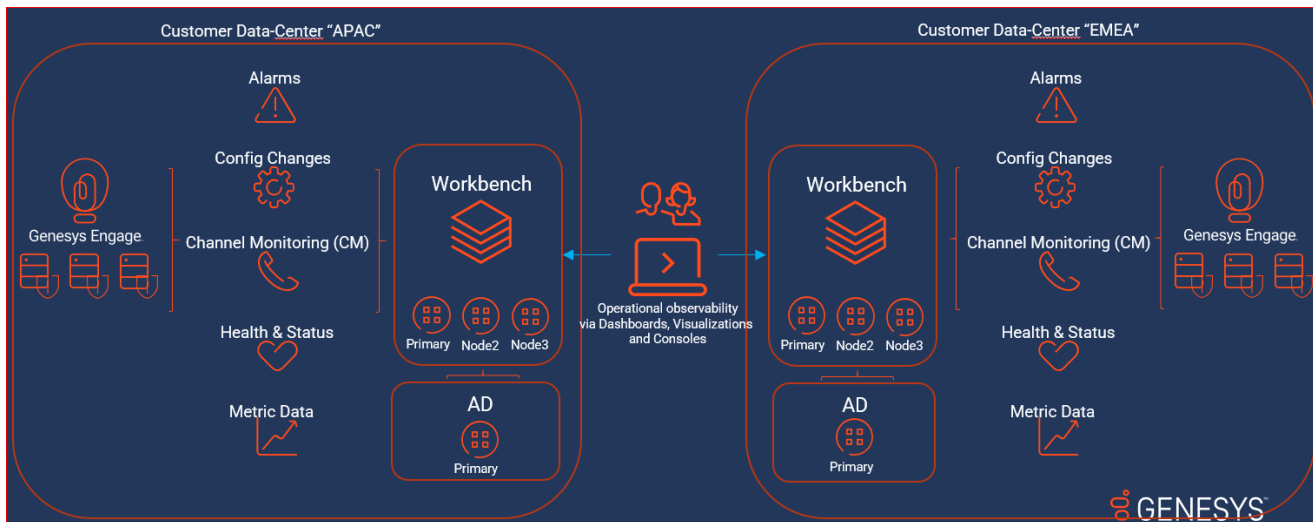
- Workbench AD is a **multi/HA** Nodes/Hosts
- Workbench AD has **Additional Nodes/Hosts** and is therefore running AD in **High Availability** mode (i.e. redundancy) and **Load Balancing** (i.e. increased scalability) mode
- Workbench AD is integrated with a **single** Workbench Data-Center/Site (i.e. APAC) deployment



AD Single Node - within multi Workbench Data-Centers

The example architecture below provides the following:

- Workbench AD is a **single** Node/Host at each Data-Center
- Workbench AD is integrated with a **multi** Workbench Data-Center/Site (i.e. APAC and EMEA) deployment
- Given the multi Data-Center integration, Workbench Insights will be visible holistically irrespective of the Workbench Data-Center the user is logged into



AD Multi Node - within multi Workbench Data-Centers

The example architecture below provides the following:

- Workbench AD is a **multi/HA** Nodes/Hosts at each Data-Center
- Workbench AD has **Additional Nodes** and is therefore running in **High Availability** mode (i.e. redundancy) and **Load Balancing** (i.e. increased scalability) mode
- Workbench AD is integrated with a **multi** Workbench Data-Center/Site (i.e. APAC and EMEA) deployment
- Given the multi Data-Center integration, Workbench Insights will be visible holistically irrespective of the Workbench Data-Center the user is logged into

