Workbench User's Guide

AD Linux Install - Additional Node
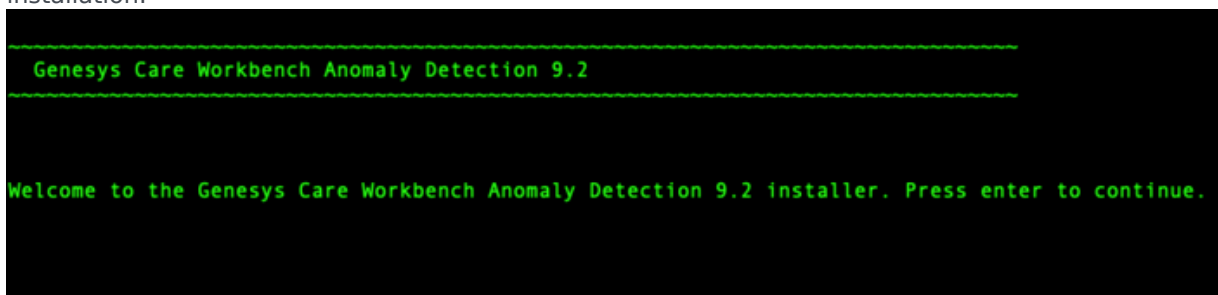
4/3/2025

AD Linux Install - Additional Node

Review this link for details on downloading Workbench AD: Downloading Anomaly Detection (AD).

> ## Important
>
> - Ensure you have an installed and running AD Primary Node before installing any AD Additional Nodes

Please use the following steps to install Workbench AD **9.x.xxx.xx** on Linux:

1. Create a working directory (i.e. ~/tmp) adding the **AD_9.x.xxx.xx_LINUX.tar.gz** file

2. Run **tar zxf AD_9.x.xxx.xx_LINUX.tar.gz** to extract the downloaded *AD_Installer_Linux.tar.gz* compressed file.

3. Navigate into the **ip\linux** folder

4. Run **tar zxf AD_9.x.xxx.xx_Installer_Linux.tar.gz** to extract AD Installer content; the following files should be extracted:

   1. install.sh

   2. jdk-11.0.2/

   3. lib/

   4. AD_9.x.xxx.xx_Installer.jar

5. Run **./install.sh** (DO NOT prefix *./install.sh* with *sudo*)

6. Genesys Care Workbench Anomaly Detection - Installation

   - Press **Enter** on the **Genesys Care Workbench Anomaly Detection 9.x** screen to start the AD installation.

7. Genesys Workbench **License Agreement**

   - Press **Enter** to view the Genesys Workbench License Agreement

8. Review license agreement

- Enter **N** for the next page, or press anything else to scroll to the end of the Terms and Conditions

9. Genesys Workbench **Terms and Conditions**

- If you agree to the Genesys Workbench Terms and Conditions, press **Enter** (default=Y) or enter **Y** to continue.

10. Workbench **Installation Mode**:

- There are 2 Installation Modes:

  - **New Installation** - no Workbench Anomaly Detection components are yet running on this host/
    node

  - **Upgrade** - you already have Workbench Anomaly Detection running on this host/node and wish
    to upgrade

- Press **Enter** for default value (new installation)

> ## Warning
> *AD currently does not support upgrade capability
> *Therefore select **New Installation** and <u>not</u> Upgrade during the AD 9.x.xxx.xx installation

11. Workbench AD **Installation Type**

- There are 2 Installation Types:

    - **Primary Node** - master Anomaly Detection Node

    - **Additional Node** - additional Anomaly Detection Node used for distributing load. You already have Workbench Anomaly Detection Primary Node running in other host.

- Press **Enter** for default value (primary node)

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   Workbench Installation Type
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PLEASE SELECT THE TYPE OF WORKBENCH ANOMALY DETECTION INSTALLATION; 'PRIMARY' OR 'ADDITIONAL'
Note: It is necessary that a primary node be installed prior to installing any additional nodes.
Node Type:
   Enter a number
   1) Primary Node [default]
   2) Additional Node(s)
```

12. Continue with the next steps for both: **Primary or Additional** Node Installation.

13. **DEFAULT** or **CUSTOM** installationInstall Workbench AD with Default or Custom settings:

    - **Default** - the respective Workbench AD **Default** settings will be used.

        - default settings being paths, ports, etc.

    - **Custom** - or, if required, you can change the default settings by selecting a **Custom** install. In Custom mode, the following parameters are required:

        - For Workbench Anomaly Detection:

            - Binary files location

            - Configuration files location

            - Data files location

            - Log files location

            - Socket port

            - Incoming data port from Logstash

            - HTTP AD API port

        - For Workbench Metricbeat:

            - Binary files location

            - Data files location

            - Log files location

            - HTTP port

        - For Workbench Agent:

            - Binary files location

            - Log files location

            - HTTP port

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14. Provide the Workbench **Primary Zookeeper IP Address and Port**.

    - If Zookeeper is authenticated, provide username and password

        - Simply press Enter for username/password if ZooKeeper authentication is disabled

15. Provide the Workbench Anomaly Detection installation folder location:

16. AD Hostname:AD Hostname:

    - This Hostname will be utilized by the Workbench solution components.

17. Primary components to be installed: Information on which Workbench components are being installed on this host/node

    - Anomaly Detection Node

    - Workbench Metricbeat

    - Workbench Agent

18. Select / provide the **Service Account** details for the Workbench components:

- Workbench components will run using this service account.

19. The Workbench Anomaly Detection installation will now progress

20. The Workbench Anomaly Detection installation is complete

Post Installation Steps

1. Validate (i.e. service --status-all | grep WB) if the AD Additional component Services are running:

   1. WB Anomaly Detection Node: **WB_AnomalyDetection_9.x.xxx.xx**

   2. WB Metricbeat: **WB_Metricbeat_9.x.xxx.xx**

   3. WB Agent: **WB_Agent_9.x.xxx.xx**

2. Validate if the new AD host appears in Workbench/Configuration/Hosts as is presented in AD Configuration.

3. Follow the steps in Post Installation Configuration if needed.

4. If you are installing AD at first time, follow the guidelines given in Using AD to learn how to use the Workbench Anomaly Detection Insights features.