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Workbench User's Guide

AD Linux Install - Additional Node

AD Linux Install - Additional Node

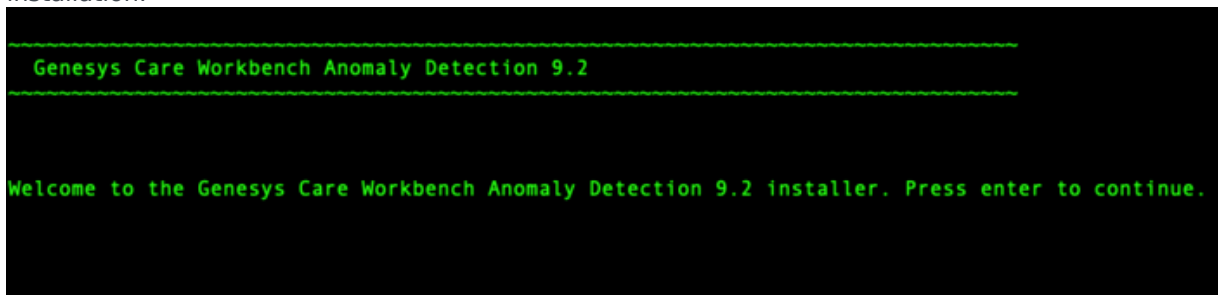
Review this link for details on downloading Workbench AD: [Downloading Anomaly Detection \(AD\)](#).

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 xzf 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 xzf 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

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Accept Terms and Conditions
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You agree that you may not (without limitation):

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```

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

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OR CONSEQUENTIAL DAMAGES SO THIS LIMITATION MAY NOT APPLY TO YOU.
~~~~~
Do you accept the license? Y or N [default:Y]
```

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 not Upgrade during the AD 9.x.xxx.xx installation

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Workbench Anomaly Detection Installation Mode
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PLEASE SELECT THE TYPE OF WORKBENCH ANOMALY DETECTION INSTALLATION MODE, 'NEW INSTALL' OR 'UPGRADE'
Note: only select Upgrade if you already have a previous release of Workbench Anomaly Detection running on this host
Install Mode:
  Enter a number
  1) New Installation [default]
  2) Upgrade
```

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)

```
=====
Workbench Installation Type
=====

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

```
PLEASE SELECT EITHER A 'DEFAULT' OR 'CUSTOM' INSTALLATION TYPE.
Note: Default will use pre-configured settings. With Custom you can modify the default paths,
ports, etc. settings.
Settings Type:
  Enter a number
  1) Default [default]
  2) Custom
```

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

```
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Workbench Primary Node Settings
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PLEASE PROVIDE THE WORKBENCH PRIMARY ZOOKEEPER IP ADDRESS AND PORT
Note: The ZooKeeper IP Address, not Hostname and Port (i.e. '10.20.30.1:2181')
Workbench Primary ZooKeeper IP Address:Port  [default:]

IF ZOOKEEPER IS AUTHENTICATED, PROVIDE THE USERNAME AND PASSWORD
Workbench Primary ZooKeeper Username  [default:]

Workbench Primary ZooKeeper Password

SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.

VALIDATING CONNECTION TO ZOOKEEPER MAY TAKE A FEW MOMENTS.
```

15. Provide the Workbench Anomaly Detection installation folder location:

```
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Base Workbench Properties
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PLEASE PROVIDE THE WORKBENCH ANOMALY DETECTION INSTALLATION FOLDER LOCATION.
Note: All Anomaly Detection components will be installed relative to this location.
AD Home Location:  [default:/usr/local/Workbench_9.2.000.00]
```

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

```
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Primary Components To Be Installed
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THE FOLLOWING COMPONENTS WILL BE INSTALLED.
Install the following component? Y or True to install, or press Enter to skip.
Anomaly Detection Node [default:true] [required]

Install the following component? Y or True to install, or press Enter to skip.
Workbench Metricbeat [default:true] [required]

Install the following component? Y or True to install, or press Enter to skip.
Workbench Agent [default:true] [required]
```

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

- Workbench components will run using this service account.

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Service Account Settings
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PLEASE SELECT/PROVIDE THE SERVICE ACCOUNT DETAILS FOR THE WORKBENCH COMPONENTS.
Note: Workbench components will run using this service account.
Account Type:
  Enter a number
  1) Local System Account [default]
  2) Network Account
```

19. The Workbench Anomaly Detection installation will now progress

20. The Workbench Anomaly Detection installation is complete

```
BUILD SUCCESSFUL
Total time: 42 seconds
Finished
```

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.