



# Duality Platform

## Installation Guide - AWS Marketplace

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### Proprietary Notice

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## 1 Scope

This document assists users in installing, setting up, and configuring the **Duality Platform Node and Orchestrator (Collaboration Manager)** within a collaborative framework involving two or more organizations (instances).

## 2 Duality Platform Installation

Each participant, collaboration manager, or technological role (Hub and Compute) is installed on a single machine.

### To prepare the install components:

- Obtain a username and token of the Duality docker registry.
- Obtain a software license to use the Duality platform.

### 2.1 Installation Process

*NOTE: The installation process below differentiates between a 'Node' and an 'Orchestrator' installation process. See specific comments within next steps.*

### To install Duality Platform software:

1. Connect to the EC2 instance via SSH.
2. Browse to the install folder, Run: `cd install/`
3. Run: `./configure.sh` and follow the instructions:
  - 3.1. Choose a folder to store deployment files (you can keep the default)
  - 3.2. Configure the Admin username (you can keep the default)
  - 3.3. Configure the Admin password (we suggest changing the default)
  - 3.4. Docker Registry information:
    - 3.4.1. Enter the username (received from Duality)
    - 3.4.2. Enter the token for the docker registry (received from Duality)
  - 3.5. For 'Node' only, if you would like to deploy a HUB Node, change value to 'true'. Otherwise, keep the default value (default is 'false')
  - 3.6. Public facing IP address (you can find the instance's public IP on your EC2 dashboard)
  - 3.7. For 'Node' only, define the amount of workers to configure (default is '1')
4. For Node, Run: `node.sh START --puLL`  
For Orchestrator, Run: `./orchestrator.sh START --puLL`

Once the containers are pulled from the docker registry, they will start automatically. Access the UI by browsing to <https://<Machine IP>/secureplus>