



MORPHEUS

COMMUNITY EDITION

Overview and Welcome Packet



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THE BASICS

THANK YOU! We appreciate your interest in Morpheus and are excited to welcome you to our community of multi-cloud masters and automation advocates. This document should provide you the basic details on how to get going with the Community Edition of Morpheus.

The Community Edition includes the full Morpheus platform framework including all features and capabilities with the following caveats:

- 25 workload element limitation
- Maximum of 3 attached clouds
- Execution of rightsizing disabled
- Community support via subreddit

Our goal with this FREE edition of the software is to encourage home lab and partner engagement as well as sharing of best practices and learning from our ever-increasing base of users. Morpheus now has over 400,000 application workloads under management which means there are hundreds of cloud architects and engineers who are starting to develop expertise in the deeper facets of the stack.

This is not a replacement for a true proof-of-concept license. If you are an enterprise, service provider, or channel partner evaluating product for a current project we'd love to dedicate a resource to you and open up the rest of the functionality. Please send an e-mail describing your project requirements to info@morpheusdata.com. Include details on where your company is located to be connected to the right field team.

REQUIREMENTS

Morpheus is a software-based appliance installation capable of orchestrating many clouds and hypervisors. Before an installation is started it is important to understand some of the base requirements.

In the simplest configuration Morpheus needs one Appliance Server. The Appliance Server, by default, contains all the components necessary to orchestrate both VM's and containers on private and public clouds. System requirements and recommendations include:

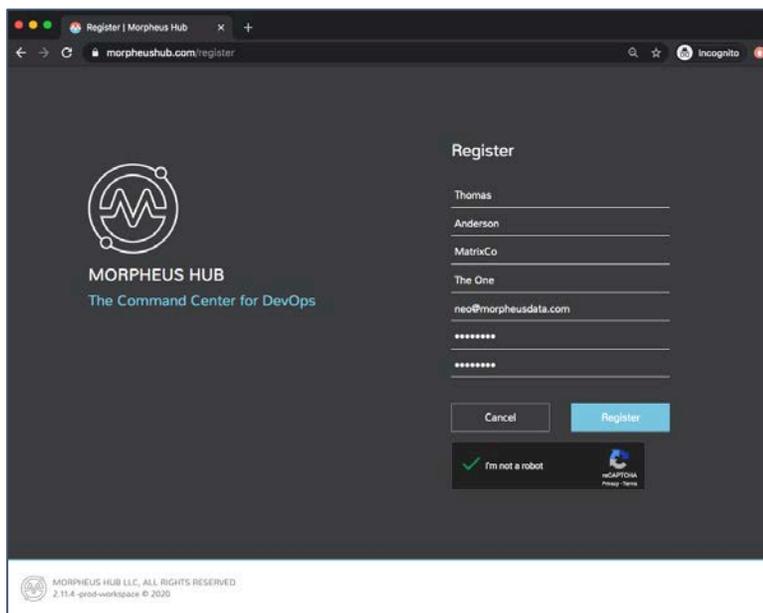
- **Operating System:** Ubuntu 16.04, 18.04 or CentOS/RHEL 7.x
- **Memory:** 16 GB recommended for default installations. 8 GB minimum required with 4 GB+ available storage swap space
- **Storage:** 200 GB storage minimum
- **CPU:** 4-core, 1.4 GHz (or better), 64-bit CPU recommended for all-in-one systems. For a distributed-tier installation, it's recommended each tier have 2-core, 1.4 GHz (or better), 64-bit CPU
- Network connectivity from your users to the appliance over TCP 443 (HTTPS)
- Superuser privileges via the sudo command for the user installing Morpheus

- Access to base yum and apt repos
- An appliance license is required (see Community Access below)
- **Internet Connectivity** (optional): To download from Morpheus' public docker repositories and system Virtual Image catalog. Offline installation requires installing the offline package in addition to the regular installation package.

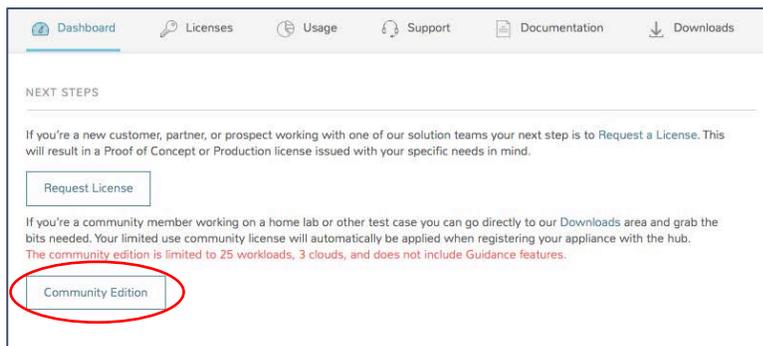
Full details and additional requirements can be found in our public documentation here https://docs.morpheusdata.com/en/latest/getting_started/requirements/requirements.html

COMMUNITY ACCESS

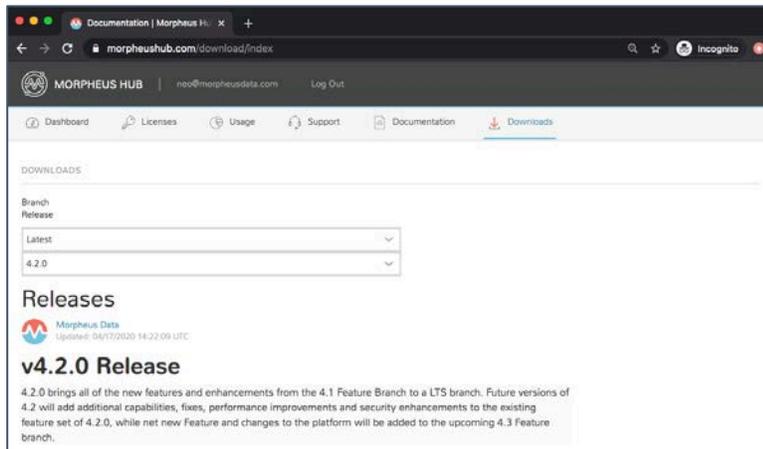
To get started you need to register for account access at <https://www.morpheushub.com/>



Once registered, you'll land on the main Dashboard of the hub. Click on the '**Community Edition**' button and you'll be directed to the community download page and your license will automatically be generated.



The download page defaults to the /latest release bits.

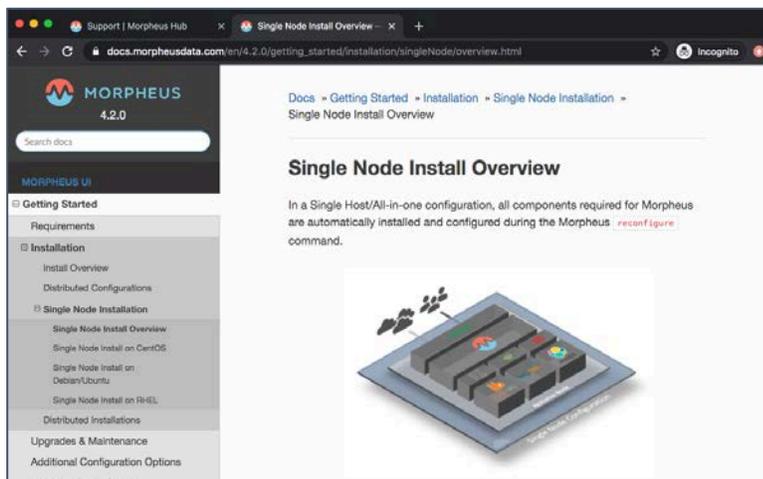


Scroll to the bottom of the download page and you'll be presented with a number of release package options and download URLs for supported OS's.

- DEB: Supports Ubuntu and Debian
- RPM: Supports CentOS and RHEL
- FIPS: Supports FIPS-Mode CentOS and RHEL

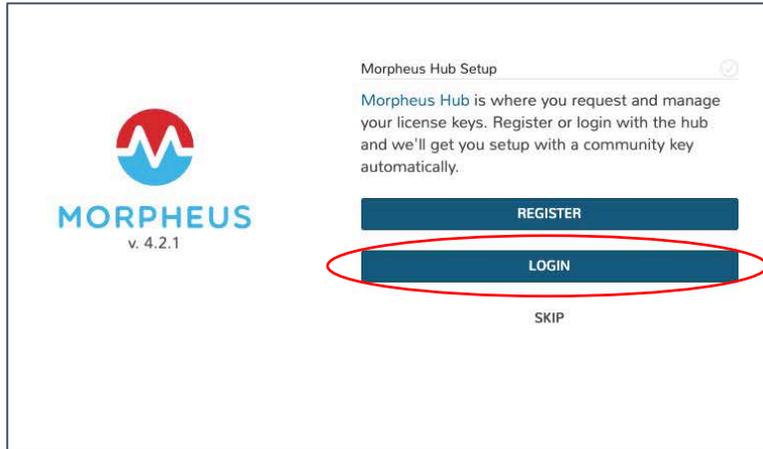
INSTALLATION & USE

Installation instructions for different OS configurations are available at https://docs.morpheusdata.com/en/latest/getting_started/installation/singleNode/singleNode.html



Once the installation is complete the web interface will automatically start up. By default, it will be resolvable at https://your_machine_name and in many cases this may not be resolvable from your browser. The URL can be changed by editing `/etc/morpheus/morpheus.rb` and changing the value of `appliance_url`. After the change run `reconfigure` then `stop` and `restart morpheus-ui`.

Finally, once Morpheus is installed, login with the credentials from your morpheushub.com account and your community license will automatically be applied.



NOTE: Because there is a 25-workload limit on the community license you may want to deselect the 'inventory existing instances' box when adding a brownfield cloud depending on how many instances you are already running.

TUTORIALS

To help get you started, here are some links to our online education content covering a variety of core concepts. End-to-end these take about an hour and 15 minutes and are well worth your time to make sure you can hit the ground running.

1. [Installing and Getting Started](#): We'll walkthrough from download to initial setup with everything you need to get going quickly.
2. [Morpheus Governance Core Concepts](#): Morpheus Tenancy, Group, Roles, Users, and Identity Management Integration.
3. [Morpheus Library Management](#): In this module we'll cover Instance Types, Virtual Images, and Other Library Types to populate the self-service catalog.
4. [Using Morpheus with Clouds](#): Cover cloud integration details, connecting to a public cloud, connecting to a private cloud, and connecting to a bare metal cloud.
5. [Working with Instances](#): In this module we'll cover what is a Morpheus Instance, Instance Creation, Instance Details, and Instance Management.
6. [Morpheus Apps and Blueprints](#): How to create native Morpheus Blueprints plus third-party Infrastructure as Code templates (Terraform, CloudFormation, etc.). We'll also show how to define, create, and manage multi-tier apps.

7. **[Morpheus Automation](#)**: In this module we'll cover the Morpheus Workflow Engine, what is a Morpheus Task, what is a Morpheus Workflow, how to Automate with Tasks and Workflows, and other Automation features.
8. **[Morpheus Monitoring](#)**: An overview of Morpheus uptime monitoring and use of Monitoring Checks, Groups, and Apps. We'll also briefly discuss Incidents and Alerts and third-party Monitoring Tool Integrations.

RESOURCES



MORPHEUS SUBREDDIT

We want to encourage you to utilize our subreddit to share your experiences and ask the community for help. Our solution architects and technologists are on there as well as many of our partners and customers.

<https://www.reddit.com/r/morpheusdata/>



MORPHEUS DOCUMENTATION

Our public documentation site is always available for you to utilize and includes many examples and screen shots as you built-out your environment. In addition to the GUI docs there is a fully documented API and CLI.

You can also find several 'getting started' guides for popular clouds including VMware and AWS.

<https://docs.morpheusdata.com/en/latest/>



MORPHEUS SUPPORT

The free Community Edition does not have support entitlement for submitting tickets or feature requests, but you can utilize the public facing knowledgebase.

There are a number of useful support articles covering Getting Started, working within the GUI, and utilizing the API/CLI.

<https://support.morpheusdata.com/>