



Updates to the Ansible web presence, May 2023

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Ansible community docs lead

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Thank you!!

- Don Naro (oraNod in GitHub)
 - Senior software engineer on Ansible community eng team
- The Ansible community!





- Where we were at and what problems it caused
- How we went about redesigning it all
- More than you ever wanted to know about personas and journeys
- The new docsite!
- What's next - our fully updated community web presence!



Ansible Documentation

An enterprise automation platform for the entire IT organization, no matter where you are in your automation journey



Ansible Community Documentation

The Full Ansible package documentation with collections. Access the latest Ansible innovations and the most recent community collections in a single package



Ansible Automation Platform Documentation

Access the best of Ansible innovation with hardening and support from Red Hat. Learn how the elements of the Red Hat Ansible Automation Platform work together to centralize



Ansible Core Documentation

Learn how the language and runtime of Ansible work. Ansible Core is the basis of all automation with Ansible. Add Ansible Collections to build your custom automation ecosystem

Barriers to entry for new users



The screenshot shows the Ansible documentation website. On the left is a dark navigation menu with categories like 'INSTALLATION, UPGRADE & CONFIGURATION', 'USING ANSIBLE', 'CONTRIBUTING TO ANSIBLE', 'EXTENDING ANSIBLE', and 'COMMON ANSIBLE SCENARIOS'. The main content area has a teal header with a search bar and a version selector set to 'latest'. A yellow warning banner reads: 'You are reading an older version of the Ansible documentation. Use the version selection to the left if you want the latest stable release'. Below this is the 'Ansible Documentation' and 'About Ansible' section. A dark 'Documentation' sidebar is visible at the bottom, listing items like 'Ansible Quickstart Guide', 'Getting Started', and 'Working with playbooks'. The main content area below the sidebar shows a yellow warning banner: 'You are reading an older version of the Ansible documentation. Use the version selection to the left if you want the latest stable released version.' followed by the 'Ansible Quickstart Guide' section, which includes a video introduction and a link to a 'quickstart video'.

Lack of cohesion across project docs



ansible / awx Public

Code Issues 1.3k Pull requests 110 Actions Projects 20 Security Insights

Beta Try the new code view

devel awx / docs / bulk_api.md Go to file

jainnikhil30 comment everything related to instance group, will add back once 1358... Latest commit 9de7551 on Mar 7 History

2 contributors

101 lines (68 sloc) | 5.42 KB

Bulk API Overview

Bulk API endpoints allows to perform bulk operations in single web request. There are currently following bulk api actions:

- /api/v2/bulk/job_launch
- /api/v2/bulk/host_create

Making individual API calls in rapid succes application's ability to serve is exhausted, cl

Allowing the client combine actions into fe less time without exauhsting Controller's c

Galaxy NG

- Home
- Configuration
- User Guides
- Integration
- Contributing
- Tags
- Community

ansible-builder

Navigation

Contents:

- Introduction
- Installation
- Execution Environment
- Definition
- CLI Usage
- Collection-level
- Metadata
- Glossary

Quick search

Introduction

Using Ansible content that depends on non-default dependencies can be tricky. Packages must be installed on each node, play nicely with other software installed on the host system, and be kept in sync.

To help simplify this process, we have introduced the concept of Execution Environments, which you can create with Ansible Builder.

Execution Environments

Execution Environments are container images that serve as Ansible control nodes. Starting in version 2.0, [ansible-runner](#) can make use of these images.

An Execution Environment is expected to contain:

- Ansible
- Ansible Runner
- Ansible Collections
- Python and/or system dependencies of:
 - modules/plugins in collections
 - content in [ansible-base](#)
 - custom user needs

Getting Started

To get started with Ansible Builder, start by creating an [Execution Environment definition](#). This file allows you to specify which content you would like to include in your execution environment, such as collections, Python requirements, and system-level packages.

Once you have created a definition, read through the [CLI Usage](#).

Galaxy NG

Search

ansible/galaxy_ng 4.6.5 144 99

Table of contents For users

GALAXY

Warning

This documentation is a **Work In Progress** some pages are incomplete.

Galaxy NG

Galaxy CI **Testing**

Source Code: https://github.com/ansible/galaxy_ng

A [Pulp](#) plugin to support hosting your very own Ansible Galaxy server.



Let's get to know our readers!

- Who's coming to our docs and why?
- What do they need and when do they need it?
- Where are our documentation gaps?



What is a persona?

- Personas allow us to create a set of 'typical' readers based on their needs, knowledge, and attitude.



What is a persona journey?

- This is the way we identify how a persona gains experience from new user to expert.
- What do they need in the beginning? What do they need when they've been working with Ansible for some time?
- How do they 'cross-journey' to another persona (say from user to contributor!)



- Novice
- User
- Developer
- Community Maintainer
- Community member/evangelist



<https://github.com/ansible/docsite/blob/main/data/journeys/docsite-personas.md>

- Needs
- Attitude
- Knowledge



<https://github.com/ansible/docsite/blob/main/data/journeys/docsite-personas.md>

Ansible docsite personas

Personas represent various humans who are all on different automation journeys with Ansible. These docsite personas help put users in context to identify their technical content needs at each stage of their respective journeys.

We use personas to ensure Ansible community users can find help when and where they need it. If the right support is there, users are much more likely to succeed with their goals. This leads to higher levels of adoption and a more vibrant, stronger community.

The practical goal of defining these personas is to improve the navigation and layout of the `docs.ansible.com` page.

Novice



I'm a general technologist who has an idea about automation. I might already have a project or solution in mind and want to see if Ansible is the right tool for the job.

- **Needs:** A low barrier of entry to gain the fundamentals of Ansible automation.
- **Attitude:** Wants to understand basic concepts quickly and can find small obstacles frustrating.
- **Knowledge:** Undetermined. It is possible that I use Microsoft Windows as my primary operating system. I might even be completely new to open-source technology. I can be a Linux enthusiast doing home automation, a member of an IT team for a small business, or a solution architect for large enterprise.

User



I write automation content like playbooks and roles. When writing playbooks and roles I like to evaluate multiple options to find simple solutions to complex problems.



AWARE

EVAL

ADOPT

SCALE



Novice

The novice journey is the basis for the "Get started with Ansible" section on the docsite index page.

```
Milestone: Need to learn the basics
  Understand the challenges of modern infrastructure management [content gap]
  Understand the fundamentals of Ansible automation

Milestone: Set up an automation project
  Install the Ansible package
  Run your first ad hoc command in a few easy steps
```

Users

```
Milestone: Create automation
  Start writing Ansible playbooks
  Learn about Ansible modules

Milestone: Learn inventories
  Build inventory files to manage multiple hosts
  Use dynamic inventories

Milestone: Organize automation projects
  Use roles to structure the automation project

Milestone: Use Ansible tooling
  Use Ansible Lint to validate playbooks
  Install Molecule to develop and test Ansible roles
  Create and test playbooks with Ansible Navigator
  Use Ansible with Visual Studio Code and OpenVSX compatible editors

Milestone: Find Automation content
  Start exploring Ansible Galaxy
  Install and use roles
  Install and use collections
```



<https://github.com/ansible/docsite/blob/main/data/journeys/docsite-journeys.md>



The best way to get the right answer on the internet is not to ask a question;
it's to post the wrong answer.

The screenshot shows the Ansible documentation website. At the top, there's a navigation bar with 'Ansible documentation', 'Blog', 'Ansible core', 'Ansible ecosystem', and 'Join the community'. The main content area is divided into two columns. The left column has a 'Welcome to Ansible documentation' section with sub-points: 'Ansible offers powerful and flexible automation that is simple, decentralized, and easy.', 'Understand the fundamentals of Ansible automation', 'Set up an Ansible automation project', and 'Write your first playbook in a few easy steps'. Below this is an 'Ansible users' section with a gear icon and the text 'Ansible playbooks are blueprints for automating software deployment and system configuration as well as orchestrating complex operations.', followed by 'Start writing Ansible playbooks', 'Learn which plugins to use for your tasks', and 'Build inventory files to manage multiple hosts'. The right column has an 'Ansible 7 is now available' section with a 'pip install ansible' button and 'User resources' section with the text 'Structure your project with roles, improve content quality, re-use existing automation, and more.' and a link 'Unleash your automation'.

The screenshot shows a GitHub discussion thread. The first comment is from a user with a cartoon avatar, posted 1 month ago. The text of the comment is: "It's a bit clumsy on mobile (probably not main use case but fyi). The body text is a fair bit wider than the header and footer". Below the comment are icons for upvotes (5), downvotes, Reply, Share, and a menu icon. The second comment is from a user named 'samccann' with a blue verified badge, also posted 1 month ago. The text of the comment is: "Yes we still have responsive design work to do. This is our first version so to speak and we'll keep iterating over it to improve design issues like this." Below this comment are icons for upvotes (4), downvotes, Reply, Share, and a menu icon. The third comment is from a user with a green profile picture, posted 1 month ago. The text of the comment is: "yes, I would consider it a blocker that looks terrible - very unprofessional".



HELP WANTED 📢

andersson007_ contributed

The [new collection inclusion requests](#) are waiting for your [reviews](#). Please help the community extend the package!

Don Naro shared

Come join us and help build a new docsite! The community team has been working to update the Ansible documentation landing page based on a set of [user journeys](#). Right now we're working on a [prototype docsite](#) to improve the navigation and user experience.

G



I'm a bit unsure about the new docsite. I still can't figure out how to click through to access the community section/collections [index](#)



1 mo. ago

Add easy access to the index of all modules please. This is where I go to look things up.



Reply



Share



Feedback started to trend more positively



[Redacted] • 1 mo. ago

Thanks! This is great! I've been wanting to get into ansible but felt overwhelmed about where to start. This is clearer for a new person like me

↑ 3 ↓ Reply Share ...



[Redacted] • 1 mo. ago

As someone who's used Ansible for many years, and is now trying to onboard a whole org onto Ansible... THANK YOU!

The old design doesn't really do a good job of giving me a starting point to browse the docs. None of the boxes feel like clicking on "Take me to THE OFFICIAL DOCS" - instead, the user is supposed to somehow know beforehand that "Ansible Community" is the documentation, and not a non-official resource for meeting like-minded people.

It feels like it's trying to take me away from the docs. Its doing anything but trying to get me into the right section of the docs. It feels like it's denying that docs exist at all.

The new design actually feels like a landing page for the docs I'm looking for. "USING ansible" "GETTING started" "LEARN which plugins" "BUILD inventory". All the links are taking me to places that help me DO stuff. Finally. Thank you for doing this work.

↑ 24 ↓ Reply Share ...



bcoca 8:04 PM

like it a lot more than the 'boxes'





Ansible community documentation

Ansible offers open-source automation that is simple, flexible, and powerful.

🗣️ Got thoughts or feedback on the new documentation landing pages? We want to hear from you!

Join us in the [docs channel](#) on [Matrix](#) or open a [GitHub issue](#) in the docsite repository.

Quicklinks

- [Ansible package docs home](#)
- [Collection index](#)
- [Index of modules and plugins](#)

RESTORE THE OLD LAYOUT

Get started with Ansible 🗣️

[Understand the fundamentals of Ansible automation](#)

[Install the Ansible package](#)

[Run your first ad hoc command in a few easy steps](#)

Users ⚙️

[Start writing Ansible playbooks](#)

[Learn about Ansible modules](#)

[Build inventory files to manage multiple hosts](#)

» [Continue the Ansible user journey](#)

Developers </>

[Set up your development environment](#)

[Learn how Ansible works](#)

[Write custom modules or plugins](#)

Maintainers 🗣️

[Review community maintainer responsibilities](#)

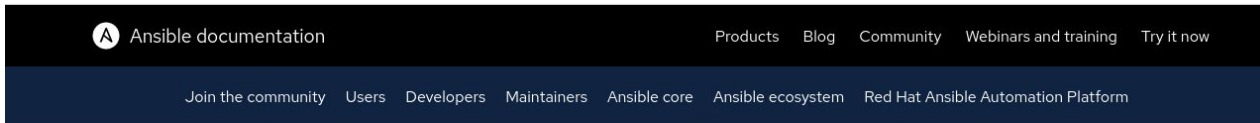
[Understand Ansible contributor paths](#)

[Explore ways to grow community](#)



[Join the community](#) [Users](#) [Developers](#) [Maintainers](#) [Ansible core](#) [Ansible ecosystem](#) [Red Hat Ansible Automation Platform](#)

- Links to the main personas and projects



Ansible community documentation

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Join the community

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Users

Automate the management of remote systems and control their desired state.

🗨️ Got thoughts or feedback on the new documentation landing pages? We want to hear from you!

Join us in the [docs channel](#) on [Matrix](#) or open a [GitHub issue](#) in the docsite repository.

Quicklinks

-  [YAML syntax](#)
 -  [Playbook variables](#)
 -  [Playbook conditionals](#)
-

Create automation

[Start writing Ansible playbooks](#)

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Build inventories

[Build inventory files to manage multiple hosts](#)

[Use dynamic inventories](#)

Organize automation projects

[Use roles to structure the automation project](#)

Use Ansible tooling

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Quicklinks

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RESTORE THE OLD LAYOUT



Ansible Documentation

Welcome to the Ansible documentation. Find help that starts from the basic fundamentals of IT automation through to more advanced, enterprise-level use cases.

Try the new docsite

The Ansible community team is busy improving our documentation and want to hear from you! Join us in the [docs channel on Matrix](#) or open a [GitHub issue](#) and give us your feedback. Use the slider to visit the new Ansible community docsite.





Other updates to the docs:

- Getting started
- User guide revamp

Getting started with Ansible

Ansible automates the management of remote systems and controls their desired state. A basic Ansible environment has three main components:

Control node

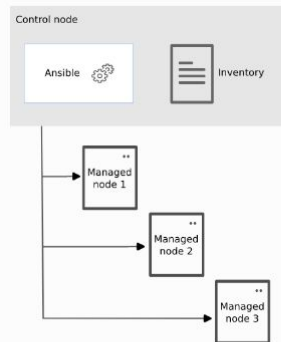
A system on which Ansible is installed. You run Ansible commands such as `ansible` or `ansible-inventory` on a control node.

Managed node

A remote system, or host, that Ansible controls.

Inventory

A list of managed nodes that are logically organized. You create an inventory on the control node to describe host deployments to Ansible.



Ready to start using Ansible? Complete the following steps to get up and running:

1. Install Ansible. Visit the [installation guide](#) for complete details.

```
python3 -m pip install --user ansible
```

2. Create an inventory by adding the IP address or fully qualified domain name (FQDN) of one or more remote systems to `/etc/ansible/hosts`. The following example adds the IP addresses of three virtual machines in KVM:

```
[myvirtualmachines]
192.0.2.50
192.0.2.51
192.0.2.52
```

3. Verify the hosts in your inventory.

```
ansible all --list-hosts
```

```
hosts [1]:
192.0.2.50
192.0.2.51
192.0.2.52
```

INSTALLATION, UPGRADE & CONFIGURATION

Installation Guide

Ansible Porting Guides

USING ANSIBLE

User Guide

CONTRIBUTING TO ANSIBLE

Ansible Community Guide



USING ANSIBLE

Building Ansible inventories

☐ Using Ansible command line tools

Introduction to ad hoc commands

Working with command line tools

Ansible CLI cheatsheet

Using Ansible playbooks

Protecting sensitive data with Ansible vault

Using Ansible modules and plugins

Using Ansible collections

Using Ansible on Windows and BSD

Ansible tips and tricks



Ansible Builder Documentation

ansible-builder

CONTENTS:

- Introduction
- Installation
- Execution Environment Definition
- CLI Usage
- Collection-level Metadata
- Glossary

Introduction

Introduction

Using Ansible content that depends on non-default dependencies

To help simplify this process, we have introduced the concept of E

Ansible Lint Documentation

GitHub v6.15.0 3.1k 553

Ansible Lint Documentation

- User Guide
 - Philosophy of ansible-lint
 - Installing
 - Using
 - Configuration
 - Profiles
- Rules
 - args
 - avoid-implicit

Ansible Lint Documentation

About Ansible Lint

Ansible Lint is a command-line tool for linting **playbooks, roles and collections** aimed toward any Ansible users. Its main goal is to promote proven practices, patterns and behaviors while avoiding common pitfalls that can easily lead to bugs or make code harder to maintain.

Ansible lint is also supposed to help users upgrade their code to work with newer versions of Ansible. Due to this reason we recommend using it with the newest version of Ansible, even if the version used in production may be older.



- Needed a place dedicated to community
- A place entirely owned by community
- A key part of our Community strategy for 2023



https://ansible.github.io/community/posts/ansible_community_strategy_2023.html



- Community is fragmented
 - 20+ projects in the Ansible ecosystem
 - Most operate in their own silos
- Community lacks a place for its own unique voice
 - Ansible.com currently doesn't cater to community
 - No option for blogs or broad discussions



- An updated community-focused web presence!
- A community-driven and maintained blog
- A new forum!

<https://ansible-community.github.io/community-website/>



Join us! Help always welcome!

Automation powered by people

Ansible is an open source, command-line IT automation software application written in Python. It can configure most operating systems, deploy software, and orchestrate advanced workflows to support application deployment, system updates, and more.

Ansible 7 is now available

```
pip install ansible
```



Agentless automation that is simple, secure, and works everywhere.



Extensible framework with collections available for virtually every use case.



Powered by a large, vibrant open-source community.



<https://github.com/ansible-community/community-websites>

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- Update early and often!
- Community help and feedback wanted
- Want to get involved?
 - Docsite - <https://github.com/ansible/docsite>
 - Website -
<https://github.com/ansible-community/community-website>



Follow and mention/tag us :)

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- **LinkedIn Group** : <https://www.linkedin.com/groups/4648083/>



Thanks!

GitHub: <https://github.com/ansible/community>

Matrix: [#community:ansible.com](#) or [#social:ansible.com](#)

ANSIBLE