# Grouper Release Announcements

⚠ As of Grouper v2.5+ it is required to use the InCommon Trusted Access Platform packaging approach.

*Learn how to report Grouper security concerns* here

## View the Grouper Demo

View the Grouper demo  (if you have issues registering for the demo, click here for info)

## Current Grouper release is v4.x.x non-enhancement version

Read the Release Notes for Grouper v4

## Grouper release is v5.x.x an enhancement version

Read the Release Notes for Grouper v5

## Past Grouper release is v2.5.x non-enhancement version

Read the Release Notes for Grouper 2.5

## Which version should be used

| Use version | In these conditions |
|---|---|
| v5.*.* | You want new Grouper features as they are released |
| | You have non trivial testing process on upgrades |
| | Upgrade to latest stable v5.*.* at least every quarter |
| | Upgrade to latest stable v5.*.* when security advisories are released |
| | Use ABAC |
| v4.*.* (was 2.6) | You want as little change/risk as possible when upgrading containers (for OS / security / critical bug fixes) |
| | You do not want to test thoroughly when upgrading |
| | Upgrade to latest stable v2.6.* at least every quarter |
| | Upgrade to latest stable v2.6.* when security advisories are released |
| | Using the Grouper Provisioning Framework |
| v2.5.* | You want as little change/risk as possible when upgrading containers (for OS / security / critical bug fixes) |
| | You do not want to test thoroughly when upgrading |
| | Upgrade to latest stable v4.*.* by May 2023 |
| v2.4.* | Do not use |
| v2.3.* | Do not use |
| v2.2.* | Do not use |
| v2.1 or earlier | Seriously? |

## Release components

Grouper in v4 is a container.  If your institution does not run containers regularly, it's ok, you can run Grouper without making investments in container orchestration.

For the Grouper container, which runs the Grouper UI, WS, daemon, scim, GSH, see:

- v4 release notes to see which version to use
- Install instructions
- Container maturity level -1 (quick start)
- Container maturity level 0 instructions manual install
- v4 upgrade instructions
- The Grouper client is a java library for Grouper web services which can be used command line and can show example web service calls
    - Download the version you want from maven.   (download the grouperClient-*.jar)
    - Get a grouper.client.base.properties e.g. for 2.5.X: https://raw.githubusercontent.com/Internet2/grouper/GROUPER_RELEASE_2.5.XX/grouper-misc/grouperClient/conf/grouper.client.base. properties
    - Create a blank grouper.client.properties and use any settings from the base properties
    - Run: java -jar grouperClient-2.5.X.jar

## Grouper source code is on GitHub.

# Previous Grouper Versions

For previous Grouper versions, click the link for the desired version:

2.4.0: 2.4.0
2.3.0: 2.3.0
2.2.2: 2.2.2
2.2.1: 2.2.1
2.2.0: 2.2.0
2.1: 2.1.5,  2.1.4, 2.1.3, 2.1.2, 2.1.1, 2.1.0
2.0: 2.0.3, 2.0.2, 2.0.1, 2.0.0
1.7: 1.7.0
1.6: 1.6.3, 1.6.2, 1.6.1, 1.6.0

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