



# macOS Security Compliance



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“All your baselines are belong to us.”

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robertgndlerDate for Monterey Revision 2 Updated06cc8d2on Mar 16711 commits

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SCAP	update to generate cpe to plist511	4 months ago
baselines	fixed spacing in title	4 months ago
build	Initial content commit	2 years ago
custom	Initial content commit	2 years ago
includes	#106	5 months ago
rules	Note added about deprecation	4 months ago
scripts	v8 to controls v8 fix for excel generation	4 months ago
sections	rev5 edits	12 months ago
templates	Updated STIG reference link	4 months ago
.gitattributes	Create .gitattributes	2 years ago
.gitignore	Prep for rev1	2 years ago
CHANGELOG.adoc	Date for Monterey Revision 2 Updated	4 months ago
CONTRIBUTING.adoc	Create CONTRIBUTING.adoc	2 years ago
Gemfile	added Gemfile, removed old scripts	2 years ago
LICENSE.md	Create LICENSE.md	2 years ago
README.adoc	fixed authors	9 months ago
VERSION.yaml	updated version.yaml with release date	4 months ago

About

macOS Security Compliance Project

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## macOS Security Compliance

The [macOS Security Compliance Project \(mSCP\)](#) is an [open](#) programmatic approach to generating security guidance. The project is a collaboration between operational IT Security staff from the National Institute of Standards and Technology (NIST), National Aeronautics and Space Administration (NASA), Defense Information Systems Agency (DISA), and Los Alamos National Laboratory. The project outputs a set of tested and validated controls for macOS and maps them to various security guides supported by the project. Additionally, this project provides a resource to easily create customized security baselines of macOS configurations by leveraging a library of tested and validated atomic actions. The project outputs customized documentation, scripts, configuration files, and an audit checklist based on the baseline used.

The mSCP can produce output content to be used in conjunction with various security tools to achieve compliance. Configuration settings are mapped to the following guidance baselines:

Organization	Supported baselines
National Institute of Standards and Technology (NIST) Special Publication (SP) <a href="#">800-53</a> , Recommended Security Controls for Federal Information Systems and Organizations, Revision 5	<a href="#">800-53 High</a> , <a href="#">800-53 Medium</a> , <a href="#">800-53 Low</a>
National Institute of Standards and Technology (NIST) Special Publication (SP) <a href="#">800-171</a> , Protecting Controlled Unclassified Information in Nonfederal Systems and Organizations Rev.2	<a href="#">800-171</a>
Defense Information Systems Agency (DISA) <a href="#">macOS 11 STIG</a> , Apple macOS 11 Security Technical Implementation Guide	<a href="#">STIG</a>
Committee on National Security Systems Instruction (CNSSI) 1253, Security Categorization and Control Selection for National Security Systems	<a href="#">1253</a>

### Additional information:

- A baseline to review all rules in the project is available [here](#).
- To learn more about the project and usage, see the [macOS Security Compliance Project wiki](#).
- To set up the project for use, see: [Getting to Know the macOS Security Compliance Project, Part 1](#) and [Getting to Know the macOS Security Compliance Project, Part 2](#).
- If you're interested in supporting the development of the project, see [contributor guidance](#).



# Security Certifications and Compliance Center

December 2021





# NIST SP 800-219

NIST Special Publication  
NIST SP 800-219

## Automated Secure Configuration Guidance from the macOS Security Compliance Project (mSCP)

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U.S. Department of Commerce  
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*Laurie E. Locascio, NIST Director and Undersecretary of Commerce for Standards and Technology*

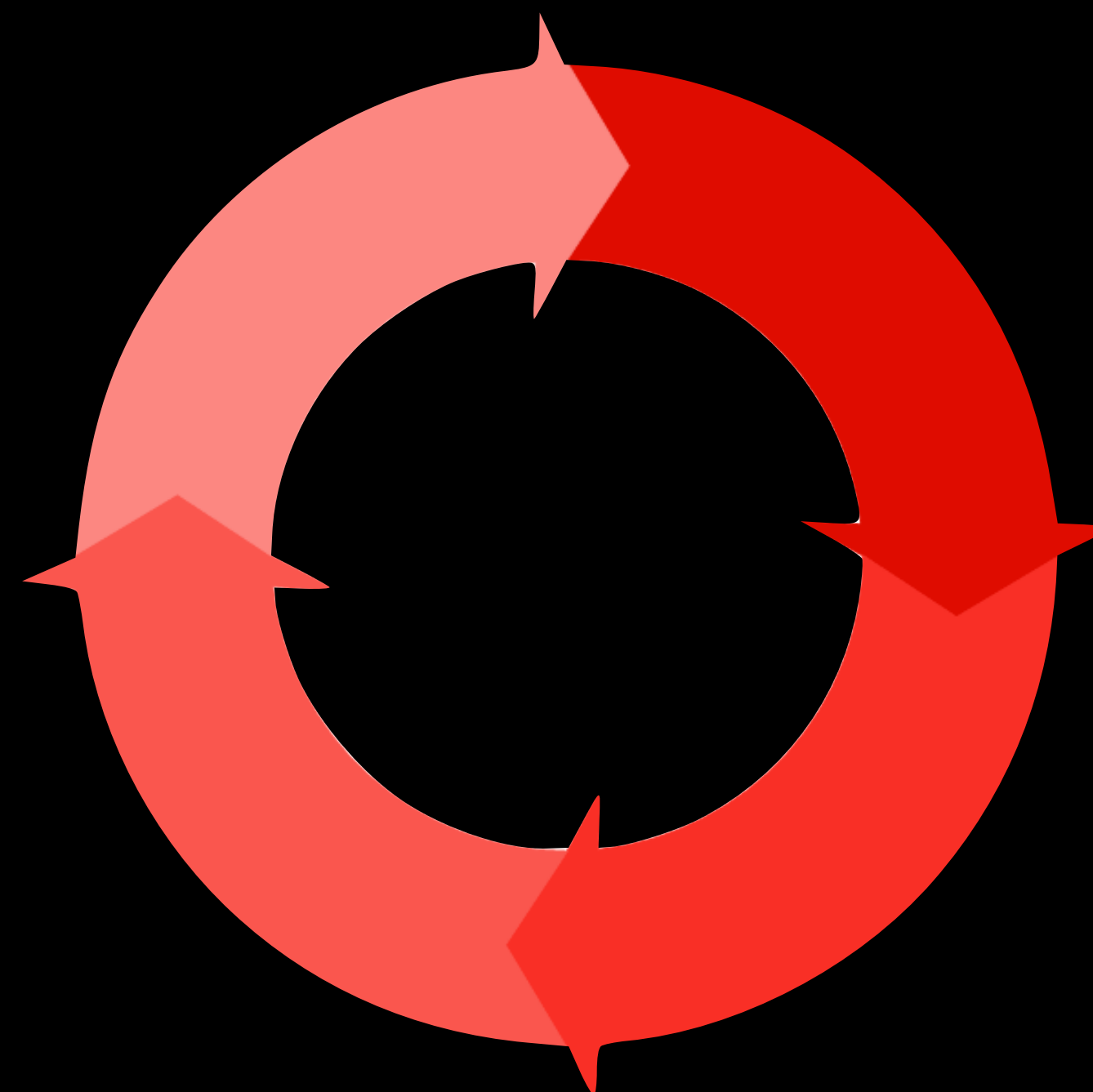








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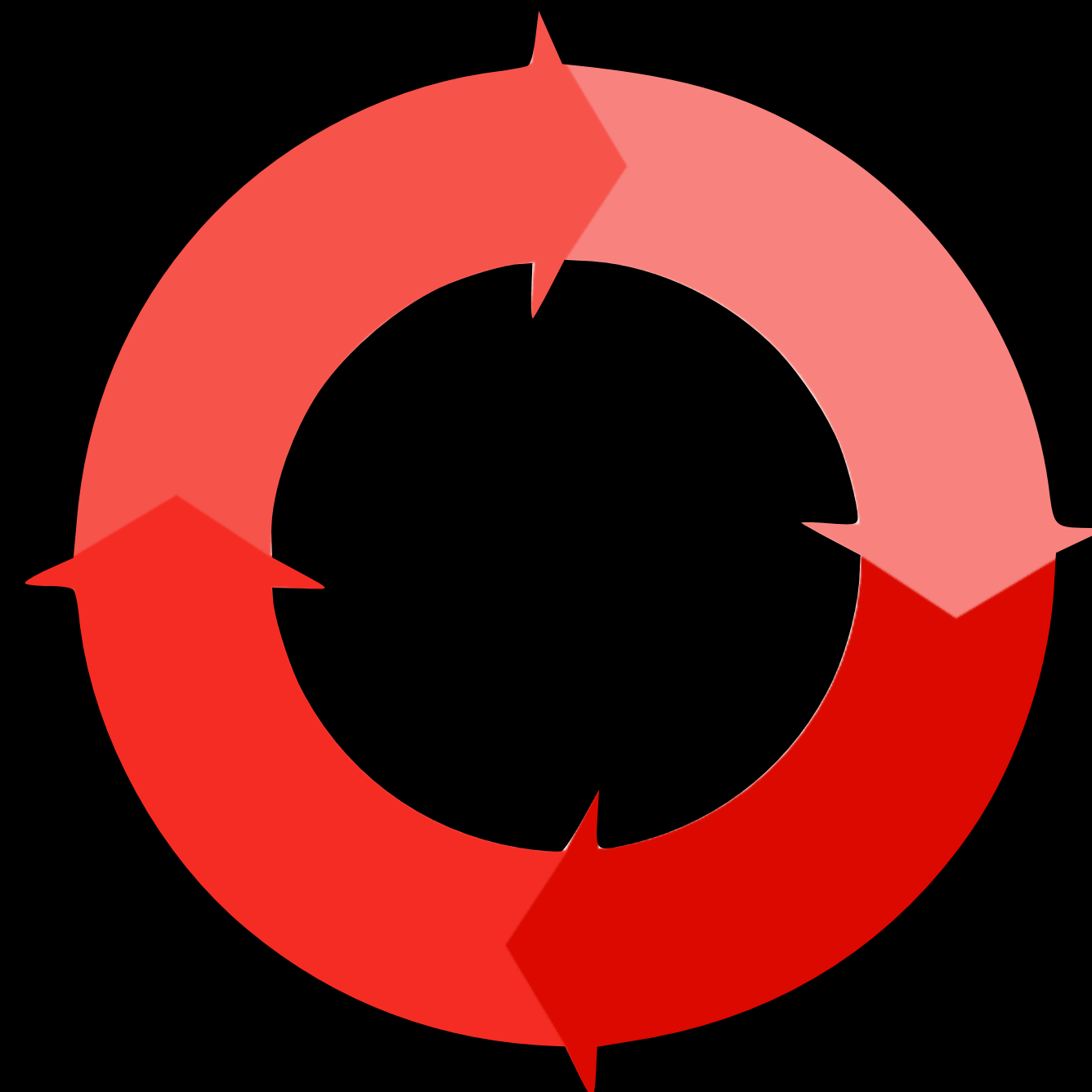




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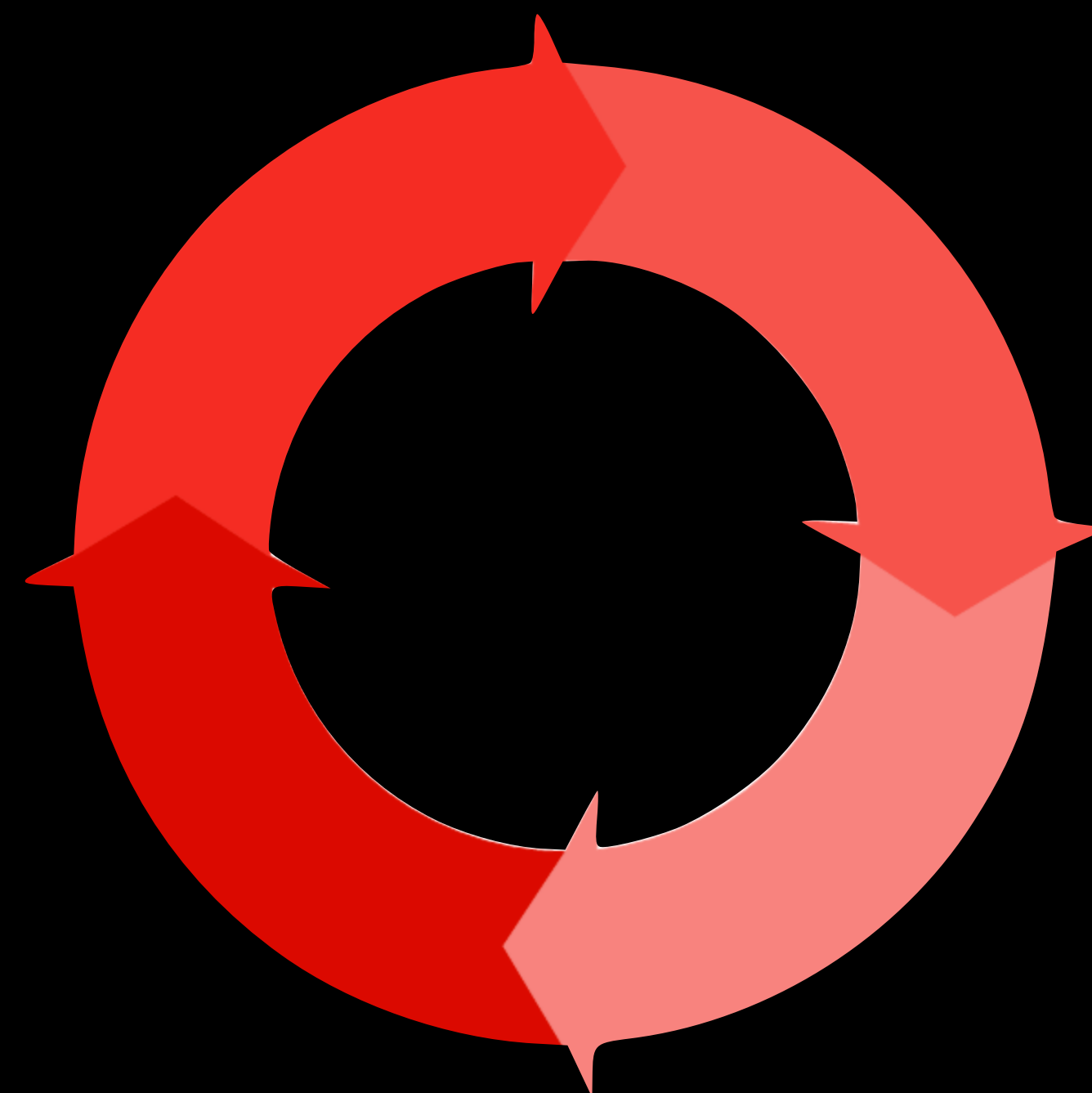




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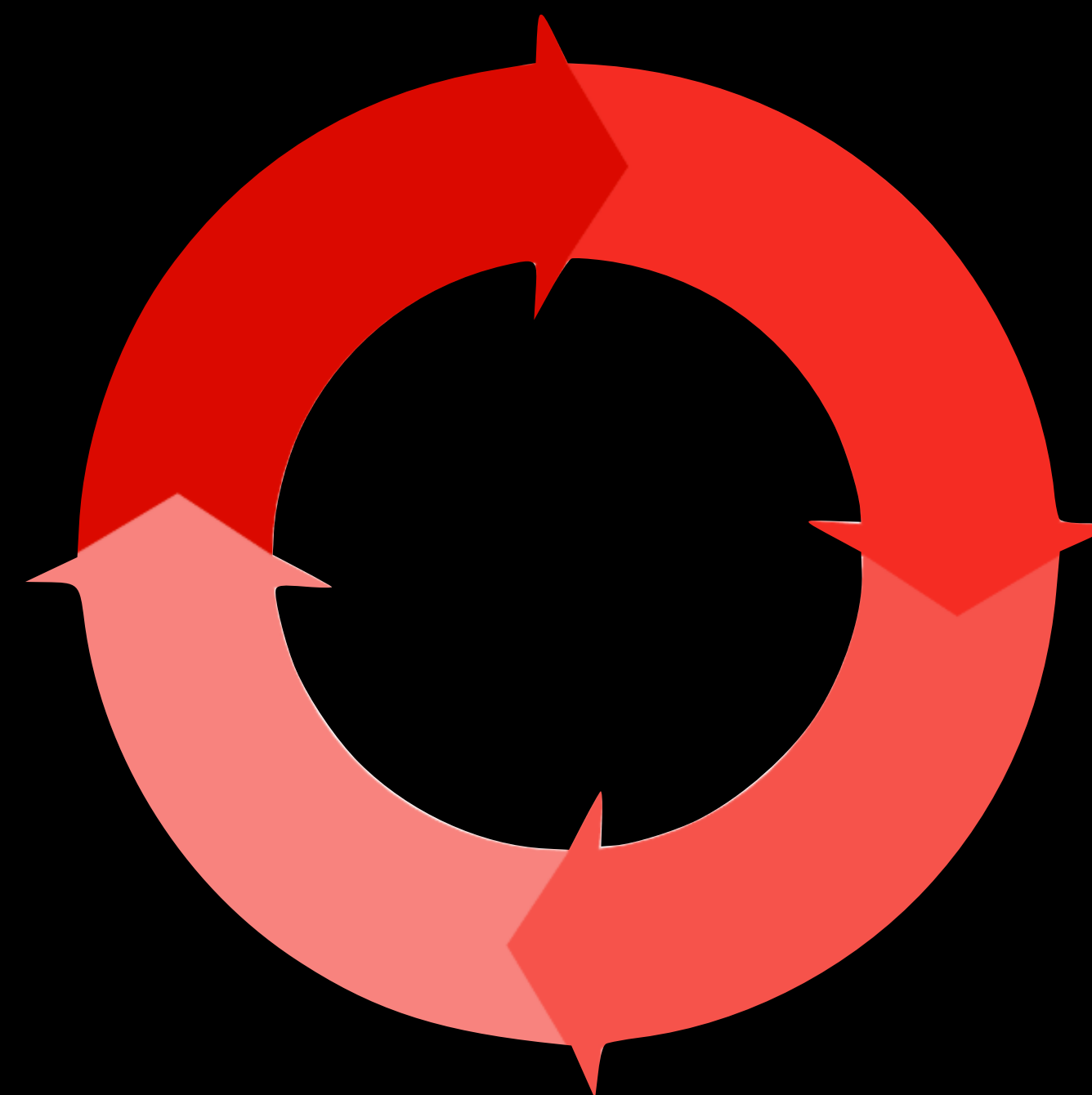
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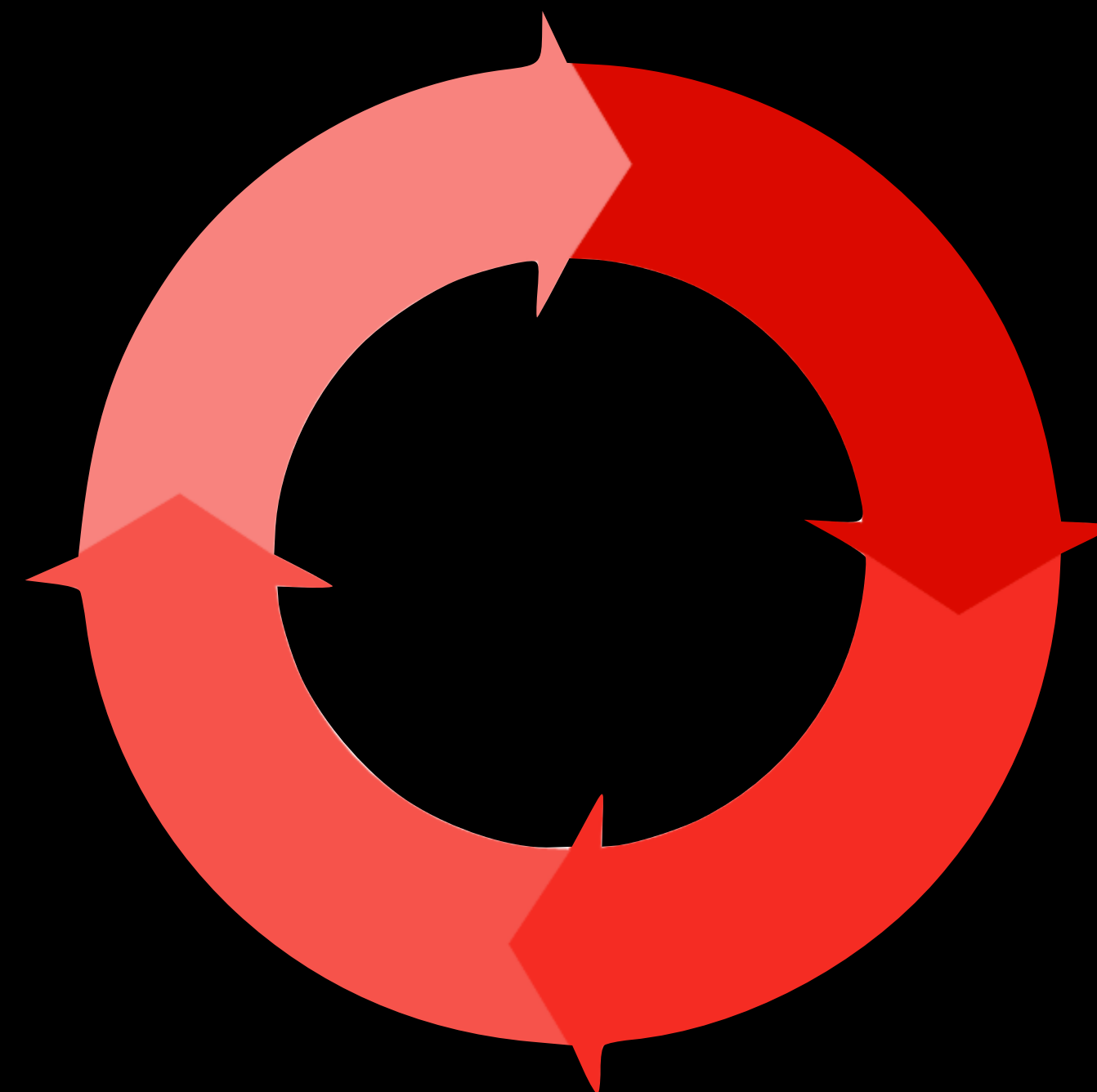
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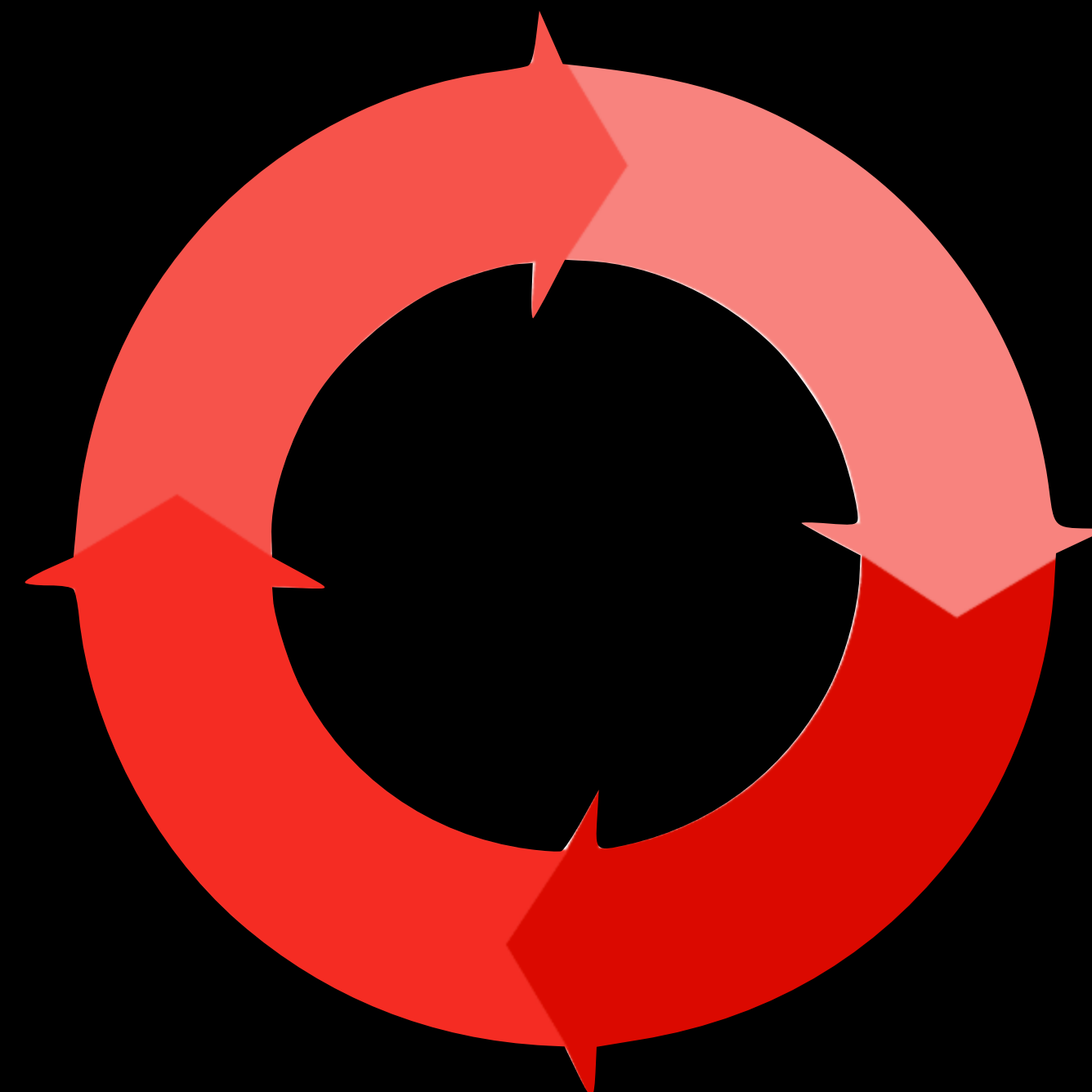
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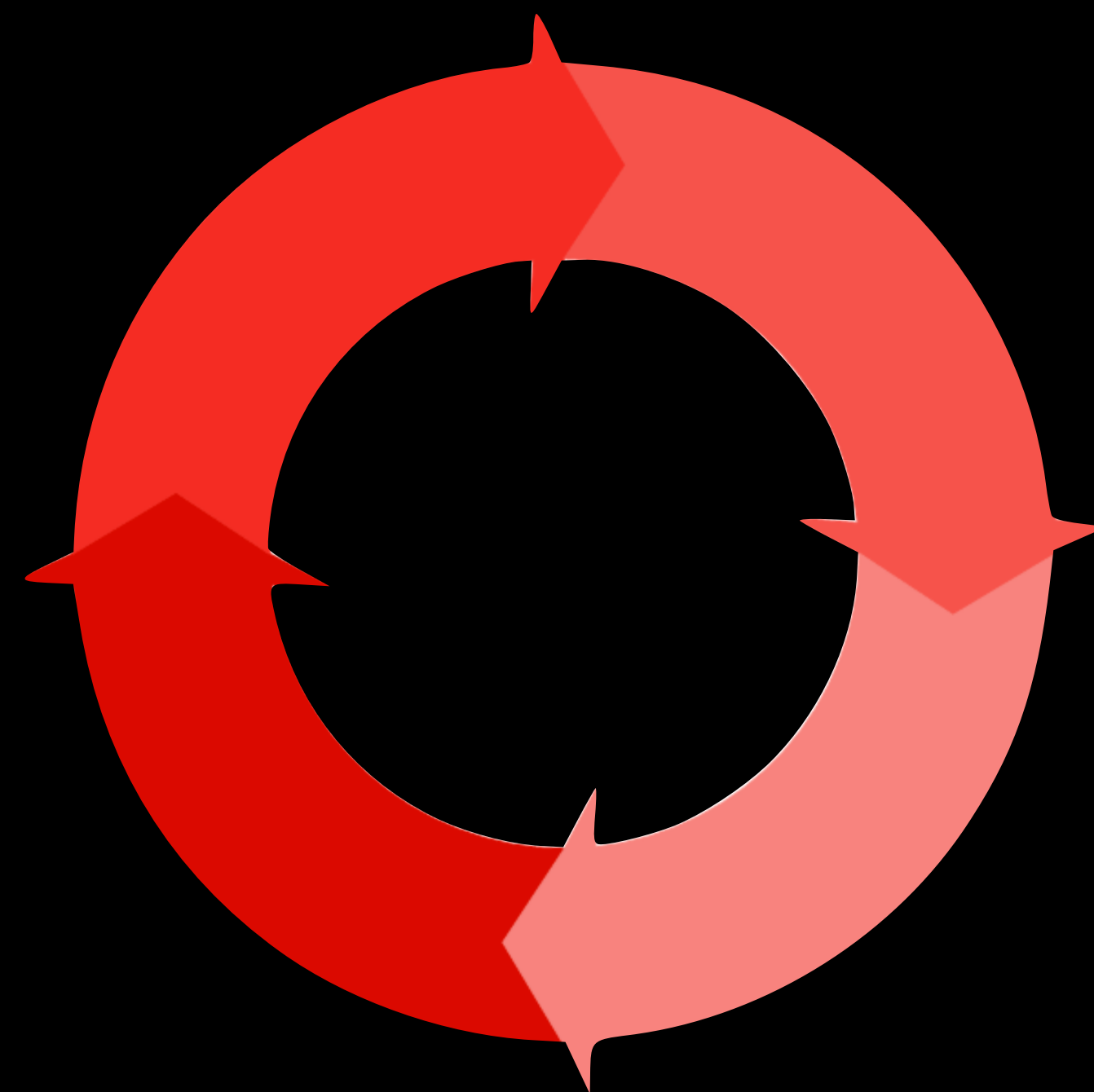
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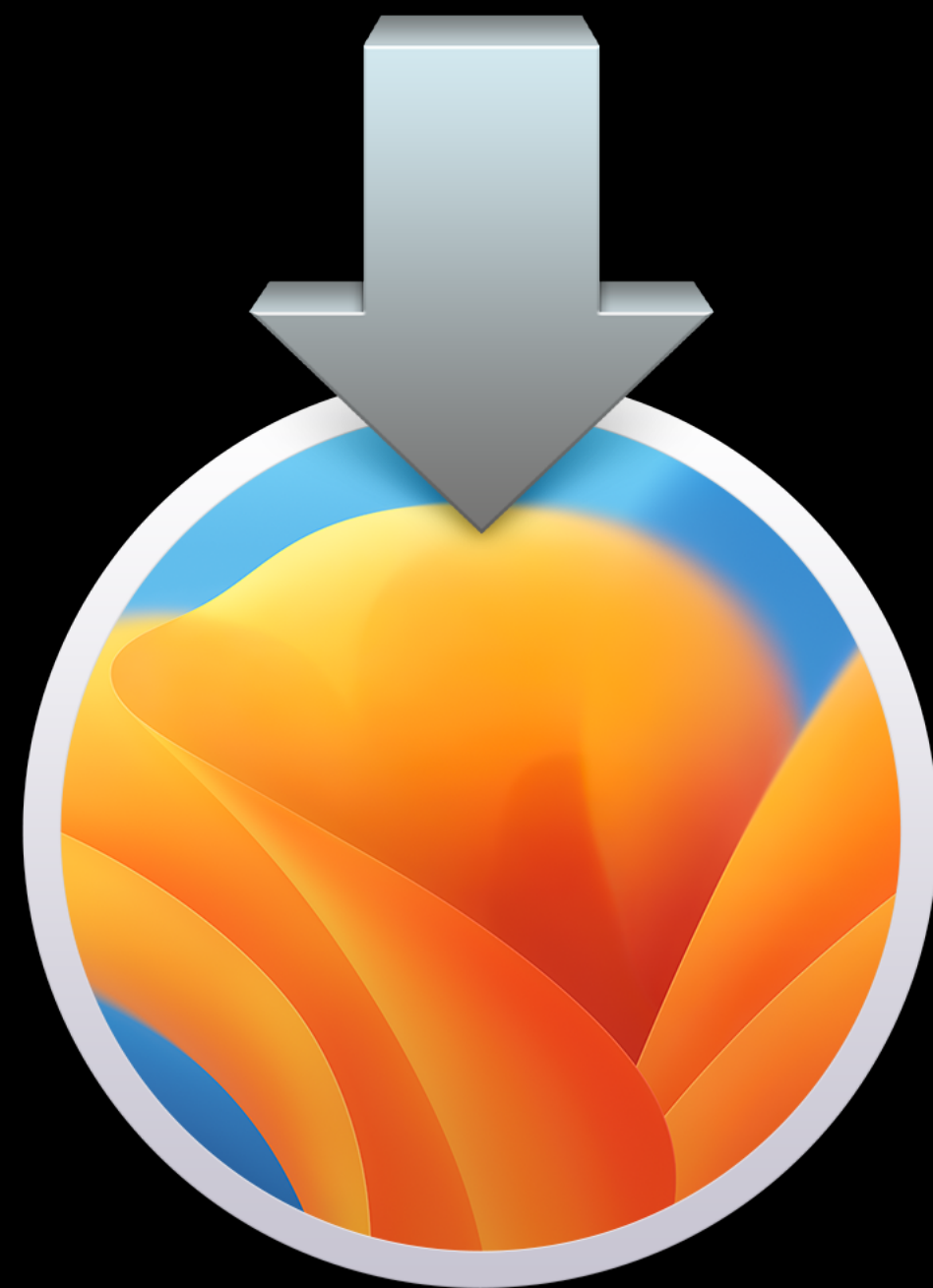
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dev\_ventura 11 branches 14 tags

Go to file

Add file

<> Code

This branch is 118 commits ahead, 6 commits behind main.

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🍎 robertgendler rapid security response keys settings added f73256a 5 days ago ⌚ 823 commits

📁 .github/ISSUE_TEMPLATE	Initial content commit	2 years ago
📁 baselines	12.0s changed to 13.0	10 days ago
📁 build	Initial content commit	2 years ago
📁 custom	Initial content commit	2 years ago
📁 includes	#106	5 months ago
📁 rules	rapid security response keys settings added	5 days ago
📁 scripts	fixed parent_value	9 days ago
📁 sections	rev5 edits	12 months ago
📁 templates	fixed baselines and #140	2 months ago

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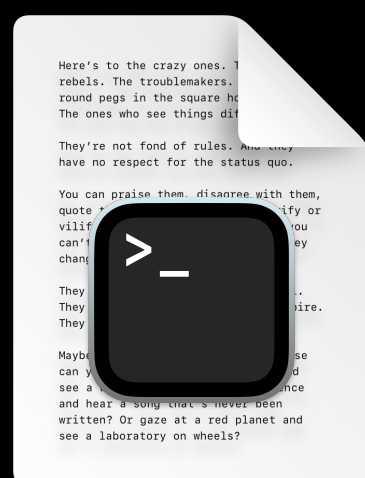




# mSCP Components



## Rule Catalog



## Python Scripts



# mSCP Requirements



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Choose Install to download and install the command line developer tools now.

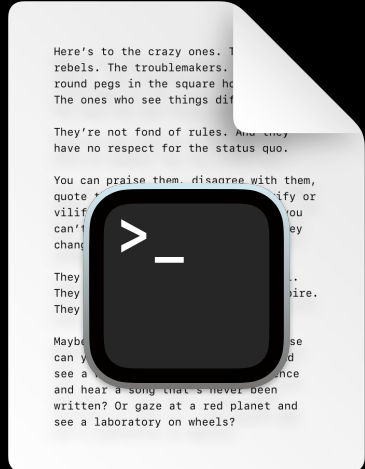
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# Project Outputs



**DEMO**





# macOS Security Compliance



[https://github.com/usnistgov/macos\\_security](https://github.com/usnistgov/macos_security)