

# Puppet Comply™

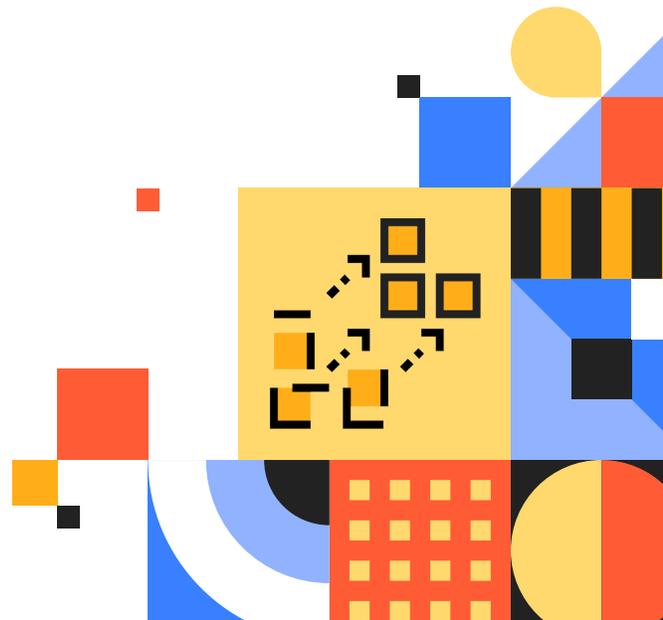
## Achieve continuous compliance without sacrificing agility.

Puppet Comply enables continuous compliance across hybrid infrastructure with less overhead and manual work. With robust scanning and reporting technology, model-based automation, and the expertise of professional services, Puppet Comply provides an end-to-end compliance solution for IT Operations teams — from assessment and remediation to enforcement and audit reporting.

**Assess compliance against benchmarks.** Puppet Comply scans your infrastructure to assess compliance with the CIS Benchmarks™, providing a clear view of compliance status for each node in your estate.

**Remediate and enforce continuous compliance at scale.** Define compliance policy as code and enforce desired state with model-based automation. Automatically apply compliant configurations to hundreds or thousands of nodes at once with Puppet Compliance Enforcement Modules.

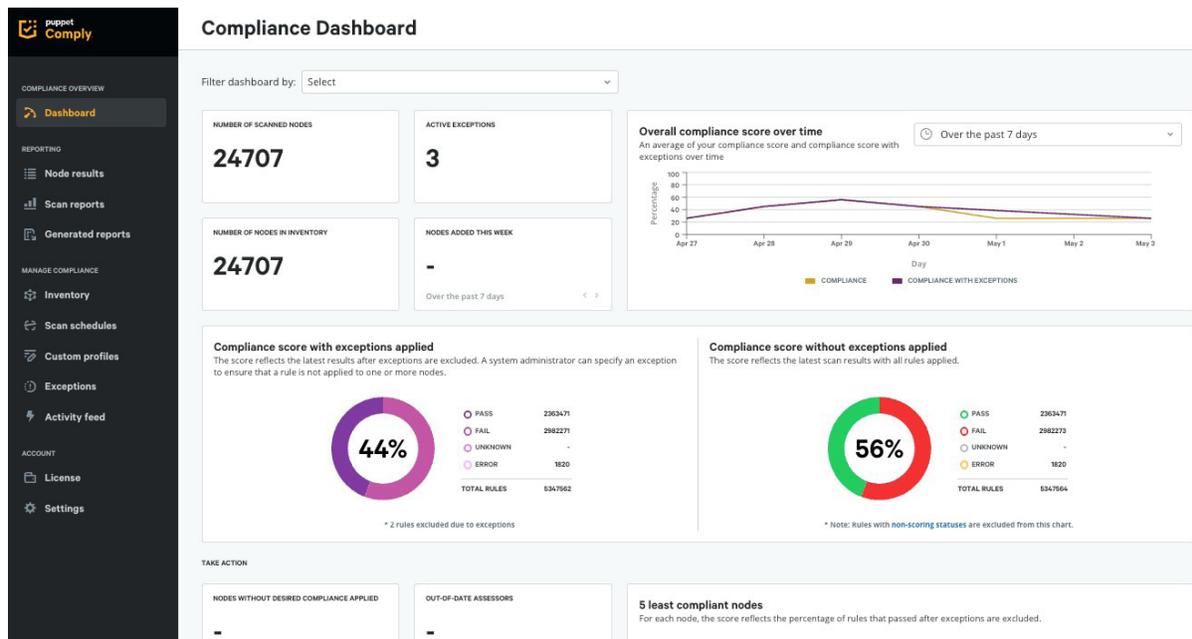
**Demonstrate compliance to auditors.** Generate automatically updated reports to prove compliance status across your environment.



## Assess Compliance Status Across IT Environments

You should always be able to answer the question “How compliant is your infrastructure?” Puppet Comply scans your hybrid environment to assess adherence to CIS Benchmarks™, guidelines developed by the Center for Internet Security, to ensure secure system configuration.

- Get a holistic view of compliance status in the Puppet Comply dashboard, and drill down to node-level details to easily identify the cause and source of failures.
- Run scans via the Puppet agent, which enables you to assess thousands of nodes in a matter of minutes and quickly verify that failures have been remediated.
- Eliminate manual exception handling by defining custom benchmark profiles that scan only for the rules you want to enforce.



## Enforce Continuous Compliance with Policy as Code

Define compliance policies as code and enforce them with model-based automation to ensure that systems don't drift from their compliant state.

- Automatically apply compliant configurations to all relevant systems using Puppet Compliance Enforcement Modules (CEM), rather than manually making changes.
- CEM provides turnkey remediation and enforcement policy-as-code directly aligned to CIS Benchmarks™ and the US Defense Information Systems Agency's Security Technical Implementation Guides (DISA STIG) for Windows and Linux, accelerating your time-to-value.
- Puppet creates, maintains, and continually updates CEM to stay current with CIS and STIG recommendations, which reduces your compliance risk.
- If you incorporate CEM into your baseline configurations, Puppet Enterprise continuously checks your infrastructure against desired state to correct configuration drift.
- Assign enforcement policies to node groups dynamically so that new systems inherit compliant configurations.

## Demonstrate Compliance to Auditors

With Puppet Comply, you not only know you're compliant — you can prove it. Reduce the time and resources required for audit preparation with automatically updated reports that depict compliance status across your infrastructure.

- Demonstrate a consistent, reliable process for each stage of the compliance lifecycle — from assessment to remediation to enforcement.
- Conduct regular scans to identify and remediate failures on a consistent basis, so you can be confident in your compliance posture before an audit.

**1.1.3 Ensure noexec option set on /tmp partition**

Benchmark: 3.1.2 CIS CentOS Linux 7

**Scan status**

Last scan status for all nodes checked against this rule

- PASS 3
- FAIL 0
- ERROR 0
- UNKNOWN 0

TOTAL NODES 3

\* Note: Rules with non-scoring statuses are excluded from this chart.

**Fix** | Description | Rationale

Edit the `/etc/fstab` file OR the `/etc/systemd/system/local-fs.target.wants/tmp.mount` file: IF `/etc/fstab` is used to mount `/tmp` Edit the `/etc/fstab` file and add `noexec` to the fourth field (mounting options) for the `/tmp` partition. See the `fstab(5)` manual page for more information. Run the following command to remount `/tmp` :

```
# mount -o remount,noexec /tmp
```

OR if `systemd` is used to mount `/tmp` , Edit `/etc/systemd/system/local-fs.target.wants/tmp.mount` to add `noexec` to the `/tmp` mount options:

```
[Mount]
Options=mode=1777,strictatime,noexec,nodev,nosuid
```

Run the following command to restart the `systemd` daemon:

```
# systemctl daemon-reload
```

Run the following command to restart `tmp.mount`

```
# systemctl restart tmp.mount
```

Search by node name

Environment Scan status Exception Node group Scan nodes

Node	Environment	Scan status	Profile	Last reported	Last passed on	Exception
compliance-app-stable-1.c.team-comply-scratchpad.internal	development	Pass	Level 1 - Server	13 Feb 2023 09:01	13 Feb 2023 09:01	
ne-agent-stable-5.c.team-comply-	CentOS 7 With Nix Level 1			31 Jan 2023	31 Jan 2023	

### About Puppet by Perforce

Puppet by Perforce empowers people to innovate through infrastructure automation. For more than a dozen years, Puppet has led the way in IT infrastructure automation to simplify complexity for the masses in order to strengthen customers' security posture, compliance standards, and business resiliency beyond the data center to the cloud. More than 40,000 organizations — including more than 80 percent of the Global 5000 — have benefited from Puppet's open source and commercial solutions. In 2022, Puppet was acquired by Perforce Software. [Learn more at puppet.com](https://puppet.com).

