

AWS WELL-ARCHITECTED FRAMEWORK REVIEWS

Apply architectural best practices to drive better business outcomes

Free AWS Well-Architected Review for qualified organizations

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Is your infrastructure Well-Architected?

- Are you getting the most from your Amazon Web Services (AWS) environment?
- How does your architecture stack up to industry best practices?
- Is your architecture helping achieve your desired business and technical outcomes, all while optimizing costs?

A well-architected infrastructure can drive better business outcomes like reducing costs or security and compliance risk, improving the reliability of your core systems for better customer experiences, and much more.

AWS solutions architects have identified best practices for architecting systems in the cloud based on their many years of experience in designing and reviewing thousands of customers' architectures on AWS across virtually all business verticals and use cases. The result is the AWS Well-Architected Framework, based on six pillars.

- **Security** - protecting information and systems.
- **Reliability** - meeting business and customer demand by preventing and quickly recovering from failures, based on foundational elements.
- **Performance efficiency** - using IT and computing resources efficiently.
- **Operational excellence** - running and monitoring systems to deliver business value and continually improve processes and procedures.
- **Cost optimization** - avoiding unnecessary costs.
- **Sustainability** - minimizing the environmental impacts of running cloud workloads.



AWS Well-Architected Framework Review: making the Framework actionable

AWS Well-Architected Framework Reviews (WAFRs) use the AWS Well-Architected Framework to provide a consistent approach to evaluate and remediate systems, based on best practices for designing and operating reliable, secure, efficient, operationally excellent, cost-optimized, and sustainable systems for the cloud.

nClouds is an approved AWS Well-Architected Partner and is certified to provide WAFRs. We apply our expertise as one of the leading AWS Well-Architected Partners globally to assess your critical workload running on AWS based on the six Well-Architected Framework pillars, identify high-risk issues (HRIs), and provide you with actionable recommendations to remediate issues and close gaps fast.

While the scope of the WAFR often starts with a focus on a high-priority workload, our experience is that a broader discussion happens. The WAFR evolves into precisely the discussion we want to have with our customers: How modern infrastructure on AWS will give you an advantage in the marketplace, like a better customer experience, faster idea-to-cash, or scalability.

nOps accelerates AWS Well-Architected Framework Reviews

We use the [nOps](#) cloud management platform. It's purpose-built for the AWS Well-Architected Framework to:

- Accelerate and automate the discovery of the target workload's noncompliance with AWS Well-Architected best practices.
- Improve the accuracy of a WAFR.
- Help you identify potential cost savings of up to 30% or more.
- Quickly locate high-risk security loopholes – lack of MFA, resources in public subnets, etc.
- Enable you to design for better performance and reliability to support your growing business.

Benefits of the AWS Well-Architected Framework Review

In our experience, the majority of organizations participating in a Well-Architected Framework Review proceed with recommended remediations. That should tell you the value of the Review.

- ✓ Get solutions to pressing issues and a prioritized roadmap of remediation goals to provide immediate, quantifiable improvements for cost, security, reliability, operational excellence, and performance efficiency.
- ✓ Keep current with the awesome volume and velocity of new AWS services. Some may address your issues immediately, like cost.
- ✓ Have a broad discussion with your key business and IT stakeholders on how modern infrastructure can give you an advantage in the marketplace – like better customer experience, faster idea-to-cash, scalability, and more.
- ✓ Address areas of security and compliance risk before they cause problems.

The Well-Architected program identified low-hanging fruit that we could resolve quickly like securing the root account with hardware MFA and disabling inactive keys. It also gave us long-tail items that we will fit into our development plan."

- Donovan Bray, Senior DevOps Manager, LendingHome

How the Review works



Set a date and time for the Review and select a priority workload. Assume two (2) hours for the Review, based on the amount of pre-work you complete.



Invite attendees to the Review.

- A cross-section of your internal stakeholders (think IT and business). Include a member of your team who is involved in the design/provisioning of your infrastructure.
- nClouds team, including an AWS-certified solutions architect.



Day of the Review.

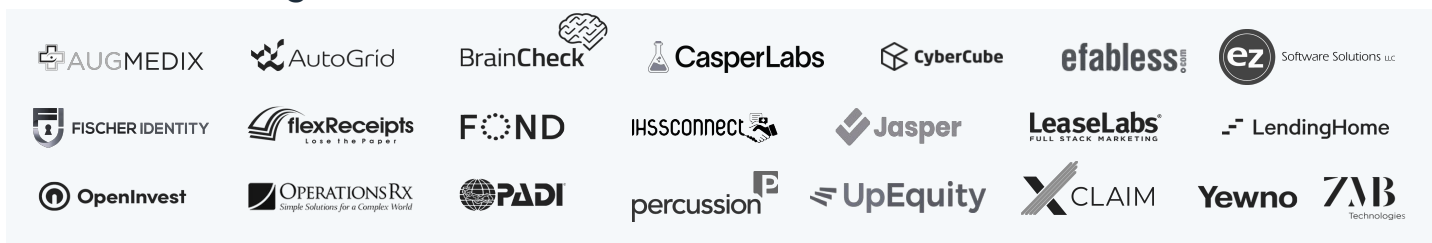
- The Review can be performed remotely.
- Perform deep-dive on a critical workload.
- Audit operations for compliance with the six AWS Well-Architected pillars.
- Perform assessments via Q&A and automation.
- Surface some immediate cost savings by revealing sub-optimized or underutilized resources.



Following the Review.

- nClouds provides recommendations based on business implications of your workload design decisions and a prioritized roadmap of short-, medium-, and long-term goals, based on the core Framework pillars.
- As a customer, you can (1) Decide to implement recommendations and receive up to \$5,000 AWS credit, per workload. (Actual remediation work performed by nClouds may have associated costs.) (2) Perform periodic checks on the assessment to improve the score and work on recommendations.

Who's benefiting from AWS Well-Architected Framework Reviews



Learn more



Schedule a Review



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LendingHome case study