

AWS Well-Architected Framework Review -architecture in the cloud



One cloud — limitless options; AWS makes it all possible. But whether through a slow creep or sudden error, applications can and do unravel. A sub-optimal application can compromise security and compliance, impede operational efficiency, and lead to spiraling costs. Applying a proven framework, T-Systems gets under the bonnet of your chosen application to deliver actionable recommendations for improvement. And if you decide to enlist our help implementing those improvements, you can apply for an AWS usage credit of up to \$5,000.

€1,800

per application review, with potential

\$5,000 AWS credit*



AWS's extensive functionality presents challenges, as well as opportunities, for enterprises. Is your business-critical application leveraging modern cloud capabilities? Is it scalable and highly available? How can you build and deploy faster with cloud-native application architectures? And if you're planning to migrate your legacy application, what best practices apply?

What is T-Systems AWS Well-Architected Framework Review (WAFR) service?

Let's be clear on what our WAFR is not: an audit. Rather, it begins with a conversation with our specialized team of AWS architects. After identifying a workload (on-premises, hybrid, or AWS), our team will hold a workshop with you and conduct a deep-dive application analysis.

They will review your application's existing architecture using Amazon's Well-Architected Framework Review for designing and operating cloud-based applications. You will learn how well your app's architecture aligns with cloud best practices by answering a set of foundational questions. After our analysis, you will receive detailed insights and guidance on improving your chosen application and related workload.

WAFR is ideal for developers, architects, and sysops, who — as well as receiving application recommendations — will be in a stronger position to design, build, migrate, and optimize other applications in the future.







Focus on critical workloads

For business-critical applications especially, the question is more, why not? Our comprehensive review complies with established best practices. And by following our recommendations, you, your user base, and your stakeholders will have peace of mind that your application not only meets the standards you need but will continue to do so.

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Let's power higher performance

Our approach comprises the six pillars of the AWS Well-Architected Framework Review:

 Operational Excellence <p>Focuses on running and monitoring systems to add value and continually improve processes and procedures. Includes automating changes, responding to events, and defining standards for daily operations management.</p>	 Performance Efficiency <p>Here, the spotlight is on using computing and IT resources efficiently. Includes choosing the appropriate types and sizes of resources for workloads, performance monitoring, and decision-making to maintain efficiency as business needs evolve.</p>	 Sustainability <p>Evaluating your workloads to reduce their energy consumption and improve their efficiency</p>
 Cost Optimization <p>Ensuring you pay only for what you need. This pillar covers visibility of expenditure, capacity management, and cost control and analysis.</p>	 Security <p>Concentrates on protecting systems and information. This pillar includes data integrity and confidentiality, privilege management, and establishing controls to detect security events.</p>	 Reliability <p>Addresses a workload's resiliency; its functions perform correctly and consistently, and the application rapidly recovers from failures. This pillar includes distributed system design, recovery planning, and handling change.</p>

What value can you expect from your Well-Architected Framework Review?

By commissioning an independent and professional evaluation of your workload and application, you will enjoy:

- Crucial insights into performance, security, and more
- An understanding of cloud best practices; the pillars of the AWS Well-Architected Framework Review
- Learnings that you can apply to other applications and workloads

You will also receive an actionable set of recommendations, including a roadmap for implementing medium- and long-term objectives.

What else does the Well-Architected Framework Review involve?

Usually, we'll agree on the application for review during an initial telephone consultation. We will also take care to address any questions you have about the conditions of the engagement.

We can carry out the review either at your premises, or as a remote appointment if that is more convenient for you.

The next steps are your choice; equipped with the information we provide, you can decide what recommendations to action and what timetable. And should you wish our help with implementation, you can request AWS support through service credits of up to **\$5,000***.

Our architects are ready to assist you. Get in touch with us today.

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