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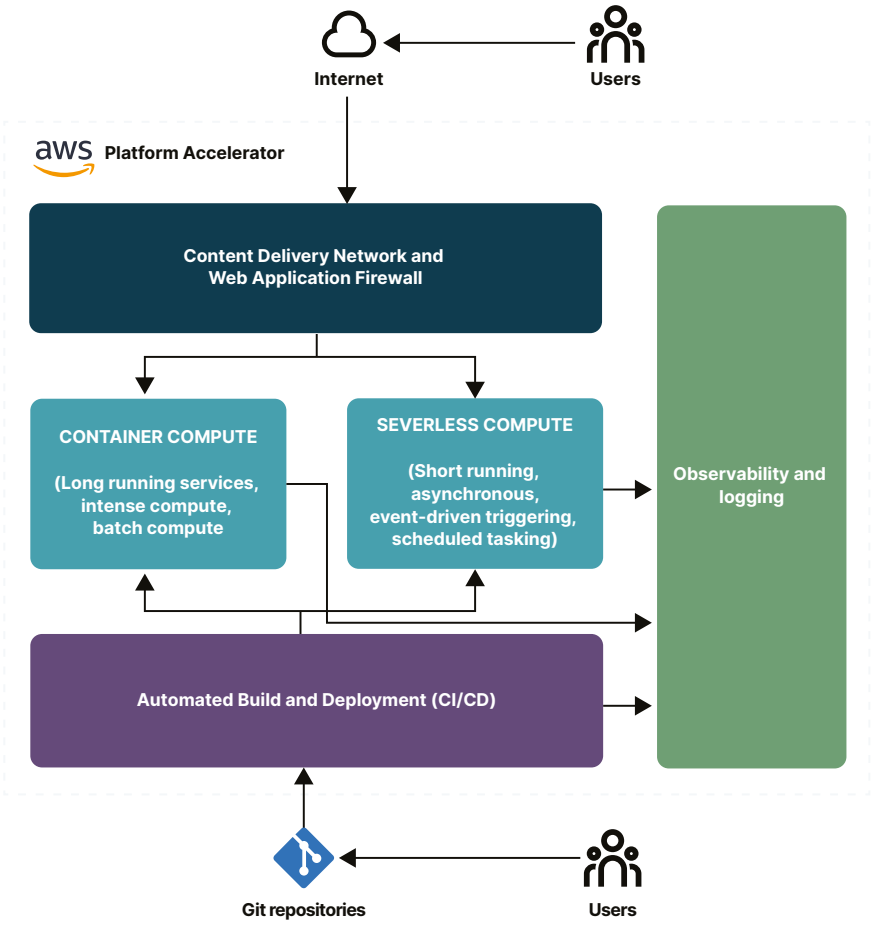
Platform Accelerator

The Platform Accelerator provides an out-of-the-box solution to run modernised applications on highly available, scalable, secure AWS infrastructure.

Benefits

- Decrease time to market
- Lower operating costs
- Maximise cyber security posture
- Identify issues early and prevent business impact with advanced observability and logging and mitigate risks
- Designed by expert AWS Certified Consultants provides added assurance
- Access to quick service guides and support artefacts to reduce downtime and focus on business



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Product overview

Thoughtworks Platform Accelerator provides a secure, off-the-shelf container and serverless compute platform on which your modernised workloads can run. Within the AWS region it's deployed, Platform Accelerator utilises multiple availability zones to ensure your application is resilient to infrastructure failures within a single geographic location. The autoscaling functionality of both the container and serverless compute will allow your application to elastically scale according to usage.

Out-of-the-box, Platform Accelerator allows you to mix on-demand (reserved) and spot (market) capacity for container workloads, ensuring you pay the minimum price possible for your "always-on" infrastructure. At the same time, serverless compute provides pay-per-use compute, ideal for event-driven and short-lived tasks.

You can work towards the goal of Continuous Integration and Continuous Deployment (CI/CD) through Platform Accelerator's automated build and deployment pipeline templates, improving velocity and allowing more frequent deployments of your workloads into the cloud.

To assist in reducing the operational cost of your workloads and improve user response time (and customer experience), Platform Accelerator contains CloudFront Content Distribution Network preconfigured in front of the container and serverless compute platforms. CloudFront caches static assets such as images, text, fonts and other media at a global edge location closest to the user to reduce latency and improve the response and experience for your customers.

Additionally, CloudFront is configured to route incoming web traffic via AWS Web Application Firewall, which provides security at the perimeter of your workload environment, blocking potentially malicious traffic before it reaches the compute platform and mitigating against Distributed Denial of Service (DDoS) attacks.

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