

Cloud Solution Provider

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| Owner | @Jonas Purtschert |
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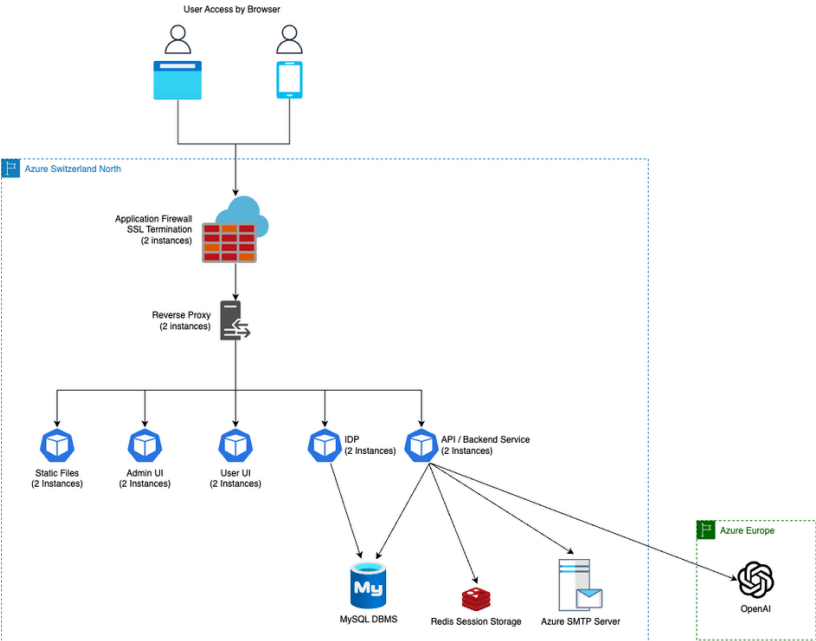
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Introduction

Moodtalk uses Azure PaaS (Platform as a Service) as a provider of cloud solutions for the operation of its services. Azure, Microsoft's cloud computing platform, offers a comprehensive suite of services that enable organizations to build, deploy, and manage applications and infrastructure efficiently.

Service Architecture



The same service architecture is set up for the production environment and the integration (pre-production) environment. As the two environments use different environment resource groups, a connection between the different environments is prohibited.

Location and Compliance

Application Services

All application services and firewalls are hosted in the Azure Switzerland North region.

This data center complies to CIS Benchmark, CSA STAR Attestation, CSA STAR Certification, CSA STAR Self-Assessment, ISO 20000, ISO 22301, ISO 27001, ISO 27017, ISO 27018, ISO 27701, ISO 9001, SOC 1, SOC 2, SOC 3, WCAG 2.0, FINMA, CDSA, GxP, PCI DSS, Shared Assessments and TruSight (as of 2024-02-19).

Reference: <https://azure.microsoft.com/en-gb/explore/global-infrastructure/geographies/#geographies>

Databases

All databases and data storage as well as the corresponding backups are hosted in the Azure Switzerland North region.

OpenAI Service

For part of its application, Moodtalk uses a private OpenAI service. Due to availability reasons, this service is operated in one of the European Azure Regions, namely one of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Italy, Norway, Poland, Spain, Sweden, Switzerland, United Kingdom.

All data centers meet the requirements of CIS Benchmark, CSA STAR Attestation, CSA STAR Certification, CSA STAR Self-Assessment, ISO 20000, ISO 22301, ISO 27001, ISO 27017, ISO 27018, ISO 27701, ISO 9001, SOC 1, SOC 2, SOC 3, WCAG 2.0 and any other regional, country or industry-specific requirements.

A full list for each region can be found at <https://azure.microsoft.com/en-gb/explore/global-infrastructure/geographies/#geographies>

Auditing

Azure provides robust audit trails for sign-ins through Azure Active Directory (Azure AD), which tracks and logs authentication and authorization activities for users accessing resources within Azure and other Microsoft services.

Audit trails include the following data:

- The user principal name (UPN) or username of the user attempting to sign in
- Whether the authentication attempt was successful or unsuccessful
- The client application or service initiating the sign-in request (e.g., web browser, mobile app, command-line tool).
- The IP address and location from which the sign-in attempt originated.
- The timestamp indicating when the sign-in event occurred, including the date and time in UTC (Coordinated Universal Time) format.

Web Application Firewall

External web requests to the Moodtalk Platform must pass the WAF (Web Application Firewall). The Firewall uses rules that are defined based on the OWASP core rule sets 3.2. This rule set protects against common attack vectors such as XSS, RCI, SQL Injection or Session Fixation. A full list of the rule set can be found at <https://learn.microsoft.com/en-us/azure/web-application-firewall/ag/application-gateway-crs-rulegroups-rules?tabs=owasp31#owasp-crs-32>.