

# Self-Hosted Retrace - APM, Errors & Log Management

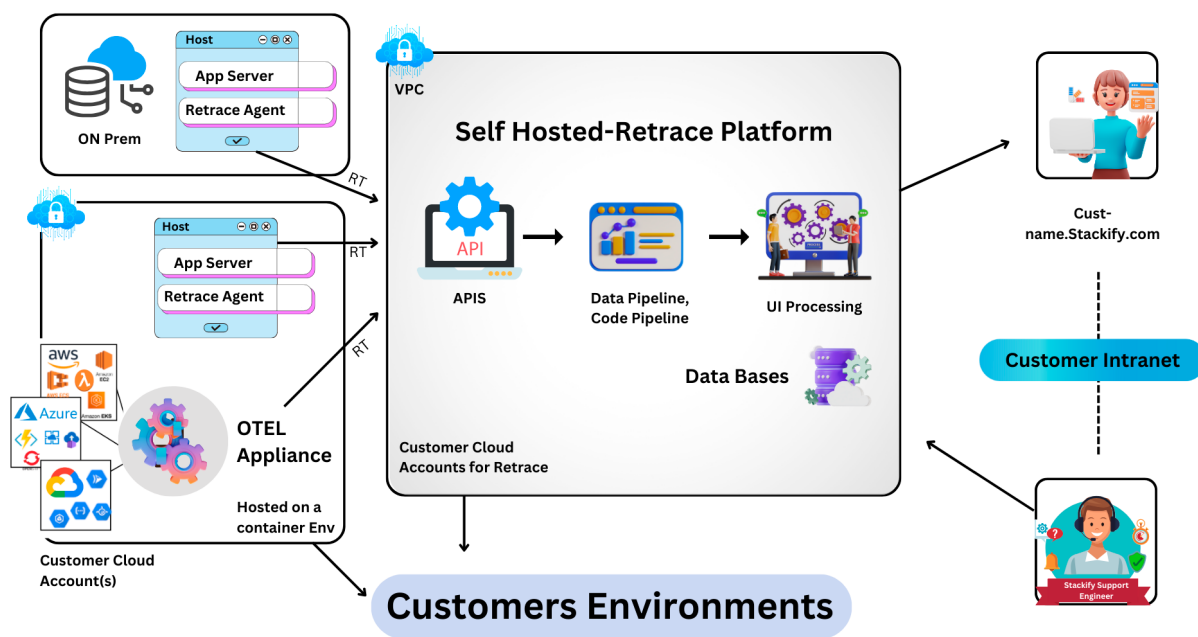
## Take back control of monitoring mission-critical application performance

Cloud modernization comes with its own challenges, and many APM tools haven't kept pace. Enterprise businesses must ensure that cloud applications deliver a great user experience, while maintaining high data security, efficiently managing infrastructure resources and meeting compliance regulations. The Self-Hosted Retrace deployment option can solve these challenges and more for enterprises with a dedicated cloud\* infrastructure.

Residing on local Azure Clouds, Self-Hosted Retrace enables enterprises to maximize app performance with code-level APM visibility and tracing, customizable metrics monitoring and aggregated errors and log management. Customers also benefit from the data security and compliance configurations already in-place, plus the inherent flexibility, scalability, data management and control that comes with a dedicated cloud environment.

## What is Self-Hosted Retrace?

Self-Hosted Retrace is a SaaS-based deployment option for hosting your Retrace full life cycle APM, Error and Log Management solution on your company's Azure Cloud. Stackify deploys and manages the Retrace platform, including infrastructure components and software, while customers retain all APM, errors, logs and metrics data within the corporate domain. Self-Hosted Retrace empowers customers to control the collection, management and storage of cloud-based application data, reducing overall APM costs, while maximizing corporate investments in cloud modernization.



High-level overview of a Self-Hosted Retrace deployment

# Why Self-Hosted Retrace?

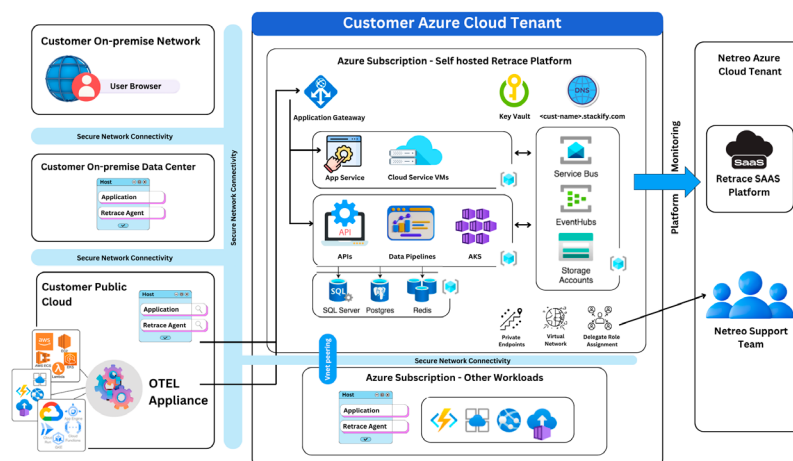
Modern cloud environments need a modern APM solution to consistently deliver a seamless and efficient user experience. Every enterprise developing cloud-native software also needs a powerful APM and ELM tool to manage app performance and deliver a high-quality user experience.

Self-Hosted Retrace is a cloud-native solution that simplifies management and supports unparalleled scalability for enterprise apps. Taking full advantage of both single- and multi-tenant cloud capabilities, Self-Hosted Retrace is an ideal choice for MSPs. Along with the unmatched APM, ELM and data management functionality that comes with Retrace, the Self-Hosted Retrace deployment option also delivers advanced benefits:

- **Take Control** - When your APM solution resides in your secure Azure cloud, you have complete control over your monitoring environment. Self-Hosted Retrace fits the unique needs of your enterprise, enabling you to fine-tune configurations, adjust data retention policies and integrate APM seamlessly with other tools.
- **Data Privacy and Security** - Ideal for enterprises requiring strict data privacy and security measures, Self-Hosted Retrace takes advantage of the business-specific configurations already present in your Azure Cloud. Sensitive data remains within your enterprise infrastructure, giving your data added privacy, security and protection.
- **Compliance and Regulations** - Self-Hosted Retrace supports customers with stringent regulatory requirements by aligning APM monitoring with industry-specific regulations. With greater control of APM, Errors and Log Management data, customers ensure apps are compliant and deliver a great user experience.
- **Scalability** - With Self-Hosted Retrace, customers have greater control when scaling resources to accommodate fluctuations in application traffic plus extended access to APM data for more efficient resource allocation planning.
- **Costs** - As the cost of storing and analyzing APM data continues to rise, Self-Hosted Retrace provides a number of cost-saving benefits. By hosting your APM solution in your dedicated enterprise cloud, you avoid egress charges and have better cost control when adjusting your APM solution to meet changing organizational needs.

## How Self-Hosted Retrace Works?

- Customer creates a Retrace subscription/account and gives access to Stackify Support engineer
- The support team provisions all required Retrace components on customer Azure account
- Similar to the SaaS platform, the customer is able to configure App & Server monitoring, APM and ELM for their applications
- App can also be configured to provide error tracking (correlated with errors / min) and logging



Detailed view of Self-Hosted Retrace in a dedicated Azure cloud

### Who Benefits?



**IT Leadership** - Unmatched observability and comprehensive metrics monitoring deliver critical insights into advanced cloud architectures and services, ensuring cloud resource optimization and delivering peace of mind for IT leaders to focus on more strategic initiatives that further improve business results.



**IT Operations** - Simplified app instrumentation and extensive language support extends observability and presents integrated log and trace streams from cloud-based applications and servers. Actionable insights ensure faster issue remediation, consistent resource optimization and a great user experience.



**Developers** - Self-Hosted Retrace delivers the same high-performance tools that developers need most to proactively resolve issues in QA and continuously improve application performance in Azure Cloud production environments.

### Cloud Support\*



The Self-Hosted Retrace deployment option is currently available in the Azure Cloud only.

### Programming Language Support

Together with the Neteo OTEL Appliance, Self-Hosted Retrace supports OpenTelemetry code instrumentation for many popular languages and frameworks. While the list will continue to expand, we currently process and report metrics from the following languages



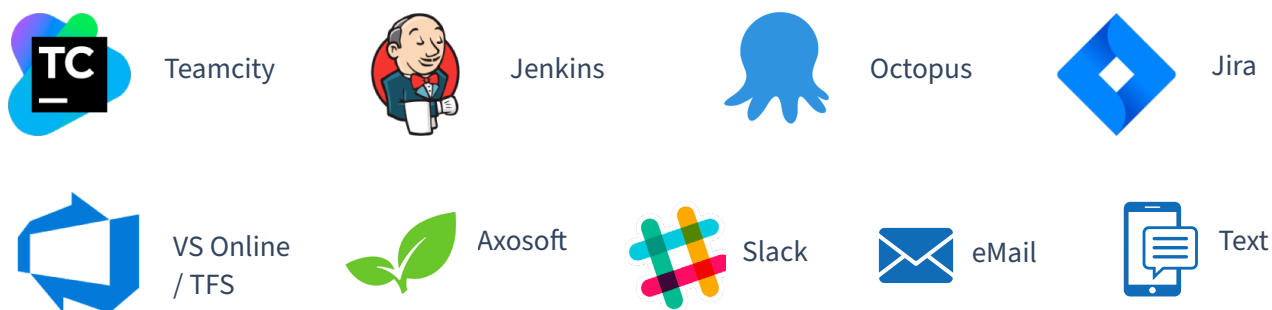
# Automatic Instrumentation for Your Stack

Retrace works out of the box with your .NET, PHP, Node.js, Ruby, Python, and Java stack, plus dozens of common frameworks are supported, including:



## Integrate With Your Favorite Tools

Retrace works out of the box with popular programming languages, containers and cloud providers. [View our complete list of supported integrations.](#)



**[Start Your Free Retrace Trial](#)** today and know all your applications are delivering a great user experience!

<https://stackify.com/retrace/>