

Application dependency maps

Holistically manage your business services

Looking for a tool that helps identify performance bottlenecks and troubleshoot issues in a complex application environment? Look no further than application dependency maps by Site24x7. This powerful tool offers a real-time visual representation of your application's architecture, which is used to get a comprehensive overview of your application's connections and dependencies, including databases, message queues, web services, and third-party services.

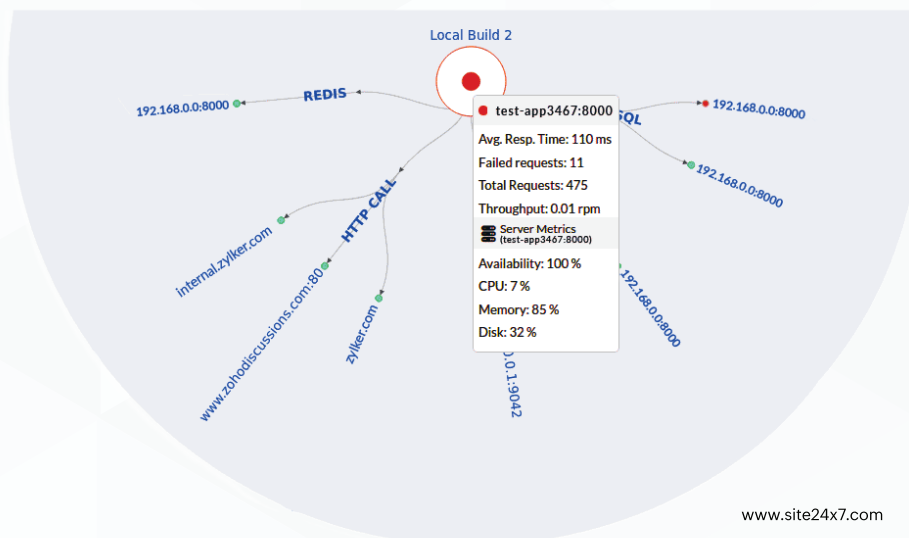
DevOps engineers face a tricky, time-consuming task when it comes to optimizing application performance. For instance, if there is a sudden increase in the response time, it can be challenging to identify the root cause of the issue. The problem could stem from various sources, such as a slow database query, an HTTP request, or a cache issue.

To address this problem, there is a crucial need for a single dashboard solution that provides complete visibility into an application's infrastructure and dependencies at a glance. With this comprehensive view, DevOps engineers can quickly identify the specific components causing performance issues and resolve them before customers experience any negative impact.

Single dashboard solution for application overview and its components

The application dependency maps feature in Site24x7 APM Insight provides a clear topology of your application architecture and offers a go-to dashboard for you to identify problematic elements in each application component. It gives complete visibility into the multiple services in your application, making it easier to identify and resolve performance issues.

- ★ Discover your application's entire infrastructure, including its connections to other resources.
- ★ Assess the health of all services on a single, intuitive dashboard.
- ★ Identify potential bottlenecks and single points of failure in your business services.
- ★ Prioritize critical and high-risk services for immediate remediation.
- ★ Proactively detect and resolve application issues before they impact your customers.



Master your application's architecture with application dependency maps



A single dashboard to understand dependency mapping

Get a bird's-eye view of your application's architecture on a single dashboard.



Automated discovery and mapping

Discover all the decoupled components in the application automatically—no need to create diagrams manually and keep editing them as the architecture changes.



Color-coded notifications as proactive alerts

Understand the health status of your application, instances, and associated servers by looking at the color of each node—green means healthy, and red means unhealthy.



A single pane of glass

Dive deep into each node to drill down on issues to the component level or even the transaction and trace level.



High-level metrics

Obtain key metrics for each node, like the IP, average response time, total number of requests, number of failed requests, error count, error rate, and throughput.



Server metrics

Get critical metrics for the mapped server, such as the availability, CPU utilization, memory utilization, and disk utilization.



Different views

Visualize and infer the metrics in three different views—Map View, Graph View, and Tabular View—for better understanding.



Site24x7 is the best all-in-one monitoring solution for all types of applications. It can support any application, regardless of where it is hosted or what technology it uses. It offers perfect end-to-end monitoring, including front-end, back-end, real user monitoring, server level, API, application code level, log monitoring, network device, and so on. The help documentation is helpful, with a step-by-step guide for configurations. We've been using this product for over a year and have observed daily improvements. The technical team is always available to respond quickly to issues, and is always open to suggestions and improvements. We requested a variety of features, which were all provided on time.

Akash Sakpal - Software Engineer, QualityKiosk

Key Features

- ★ Supports multiple application platforms
- ★ Is automatically generated and updated
- ★ Supports distributed tracing
- ★ Automatically detects mapped servers
- ★ Follows a top-down approach
- ★ Improves the MTTR and RCA
- ★ Gives the live health status of all the services
- ★ Categorizes components

Supported APM Insight agents

Java agent	Version 2.2 and above
.NET agent	Version 2.2 and above
PHP agent	Version 2.9.2 and above
Python agent	Version 1.0.3 and above
Node.js agent	Version 2.x and above