**Monitoring the health and availability of services using Dynatrace.**

**Dynatrace** provides you with insights into the database load, response times, and failure rates. Even connection acquisition times can be monitored. As Dynatrace is a full-stack solution, it also provides insights from the infrastructure perspective of your databases just by deploying **OneAgent** on the **database hosts**.

**Dynatrace** detects an **infrastructure-level** performance incident. A new problem is created for tracking purposes and a notification is sent out via the **Dynatrace** mobile app. After a few minutes, the **infrastructure** problem leads to the appearance of a performance degradation problem in one of the application's services.

Real user monitoring works by injecting code into an application to capture metrics while the application is in use. Browser-based applications are monitored by injecting JavaScript code that can detect and track page loads as well as **XHR requests**, which change the UI without triggering a page load.

**Dynatrace** provides you with deep visibility into the performance of all the services that comprise your web application: web services, web containers, database requests, custom services, and more. You can even track service performance over time, with both historical and up-to-the-moment data.