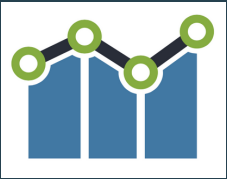# WHAT SHOULD A FULL-STACK MONITORING SOLUTION DO?

IDENTIFY APPLICATION-TO-INFRASTRUCTURE DEPENDENCIES

Complete understanding of how the infrastructure relates to applications, such as the specific storage, hosts, VMs and networks used by each app. This allows you to have a clear view of how specific infrastructure issues impact application performance.

IDENTIFY APPLICATION-TO-APPLICATION DEPENDENCIES

Understanding of how application components are tied together, so you can build a clear profile of each application. This can be extremely useful if you are migrating an application to new infrastructure, a new data center or the cloud.

IDENTIFYING WEAK POINTS IN THE INFRASTRUCTURE

With a clear top-to-bottom view of the infrastructure and performance bottlenecks, you can easily identify which infrastructure resources and services are the most important. In turn, that tells you where you have gaps that are the most likely to cause problems.
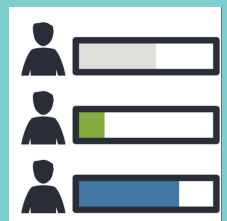
SHOW HOW TRAFFIC FLOWS THROUGH THE DATACENTER

With end-to-end visibility of traffic from the user to the infrastructure (north-south & east-west), you can more easily identify irregularities and be in total control of any changes in your environment.

IDENTIFY ROOT CAUSE OF PERFORMANCE ISSUES ANYWHERE

Clear view of end-to-end dependencies and specific condition of each infrastructure component (such as CPU utilization, storage I/O & throughput). In turn, you can avoid typical finger pointing meetings that happen when there isn't a consistent, shared view of performance.

VISUALIZE HOW THE END-USER SEES THINGS

Monitor performance from the end-user's perspective all the way back through to the datacenter, so you can stay ahead of problems and identify issues before they impact the end-user.