IT Discovery with ZIF™

Identifying the Blind Spots in Your IT Environment

Much like the blind spots that evade a driver's vision, blind spots also exist in IT environments. Unfortunately, they can be equally disastrous and impact an organization on various levels such as performance, cost, and effort. They could also lead to security compromise and negatively affect end user experience and satisfaction.

ZIF

Blind Spots in an IT Environment

Applications not expected to run on a server, that include foreground and background processes running without the knowledge of the owners, could lead to performance issues, crashes, and consume precious resources allocated for business applications.

Unusual or new communication between servers and devices could indicate infrastructure elements that are outside the purview of IT. Appropriate measures must be swiftly taken to bring them under IT control and to avoid potential risks.

Untracked and mismanaged licensed software running on servers, desktops, or laptops where such software is no longer needed, results in unnecessary expenditure on additional licenses.

Server or device ports that aren't supposed to be open are vulnerable to hacking. Although ports in a server are restricted as part of hardening, often times they are opened for new requirements, but left open and forgotten after the requirements are met.

Permeation of too many applications, open-source software on devices - due to server, device owners installing them from OEM, open sources, creates security vulnerabilities. Remedial measures are difficult since identifying the specific software versions across all these devices isn't practical.

Unused devices, compute, or storage impact performance due to their unavailability. These resources on physical/virtual servers must be constantly watched for optimal usage. For the same reasons, resources in a VDI environment also need to be tracked.

Changes in hardware, firmware, or software could cause server failure, affect transaction journeys, etc. It is important to understand the impact of changes in RAM, CPU cores in disk or mount volume, installation of software/patches, upgrade of packages, firmware auto upgrade, etc.

ZIF™ Uncovers Vulnerabilities

To uncover these blind spots, end-to-end discovery of the environment is required. With ZIF™, you can ensure automatic discovery of every application in your environment, irrespective of application type, technology, or where it is hosted. You will also gain visibility of all users of every application in your environment, their activities, groups, and privileges, along with their unique user experiences.

Auto-Discover Applications

Application-aware infrastructure view that automatically discovers all applications

➢ Auto-discovers applications and maps end-to-end service delivery topology

➢ Supports all types of applications in all locations incl. those delivered through VDI

➢ Maps topology of application tiers, supporting infra from layers 2 to 7 in real time

Auto-Discover Users

Real-time view of all users of all applications incl. user groups, access privileges, user experiences, etc.

➢ Dynamically baselines UX for all applications, user group & detects anomalies quickly

➢ Compares real-time user experiences with baselines, measures improvements

➢ Monitors response times and throughput, for application performance measurement

➢ Builds an end user perspective of applications through endpoint agents

Dynamically Map Topology in Real Time

Complete view of entire IT landscape that auto-updates in real time when changes are detected

➢ Ensures visibility of all application tiers and supporting infrastructure, from layers 2 to 7

➢ Dynamically maps topology that auto-updates in real time when there are changes

➢ Highlights exceptions, enables drill-down to the root cause through interactive maps

ZIF™ Driven Outcomes

60% Faster Resolution Through Automatic Application Discovery

Discover devices, servers, and their relationships

Discover applications and their relationships with servers and network devices

Gain control over inventory and assets

Be aware of changes in hardware, firmware, and software

ZIF

ZIF™ , is an award-winning AIOps platform for IT Operations. ZIF™ delivers business outcomes by leveraging unsupervised pattern-based machine learning algorithms. Infrastructure and application telemetry data are aggregated, correlated, and potential failures are predicted. To enable faster resolution and better user experience, ZIF™ deploys intelligent bots for proactive remediation. ZIF™ is available as an on-premise and SAAS solution.

To find out more about ZIF™, please visit **www.zif.ai** or write to **inquiry@zif.ai**