illumio

Illumio for IBM i, Powered by Precisely

Contain breaches, eliminate blind spots, and build Zero Trust

Integrate IBM i into your Zero Trust architecture

Traditionally, the IBM i platform (formerly AS/400) has been part of isolated and closed systems. It ran critical applications but was often not exchanging data with other compute systems or, in many cases, wasn't even connected to the internet. Today, the IBM i platform is part of a larger ecosystem of compute resources across a data center fabric, requiring a consistent approach to cybersecurity policy across all resources.

The IBM i platform is very much an integrated part of an organization's overall IT infrastructure, sharing data with other platforms and connecting to other systems and databases over the internet. Because of this, applications running on the platform are becoming a high-value target for cyberattacks.

Illumio + Precisely: Securing IBM i

Four critically important routes of access must be secured to the IBM i platform: networks and endpoints, communication ports, databases, and system commands. An effective IBM i security solution should address all of these vulnerable access points, also called exit point.

To help secure these exit points, Precisely created the Assure Security solution. Within this solution, Illumio enables access control via the Precisely Assure Security System Access Manager (SAM).

One of the capabilities of Precisely's SAM is to provision security rules to the IBM i host firewall. With a SAM license, Illumio customers can use the Accountability: Assure Security System Access Manager functionality to enforce network policies for each IBM i LPAR at the IP and port level.

In partnership with Precisely, Illumio can secure IBM i servers against modern cyber risks by bringing it into a full Zero Trust architecture using Zero Trust Segmentation. Illumio visualizes all traffic between the IBM i servers and all other compute resources. It uses human-readable labels to identify applications running on the IBM servers and leverages these labels to create granular policy to and from applications at a high scale.

Zero Trust with IBM

Illumio incorporates IBM i hardware into a broader Zero Trust security architecture using microsegmentation. This enables end-to-end visibility and enforcement. Eliminate all blind spots and discover all application dependencies.
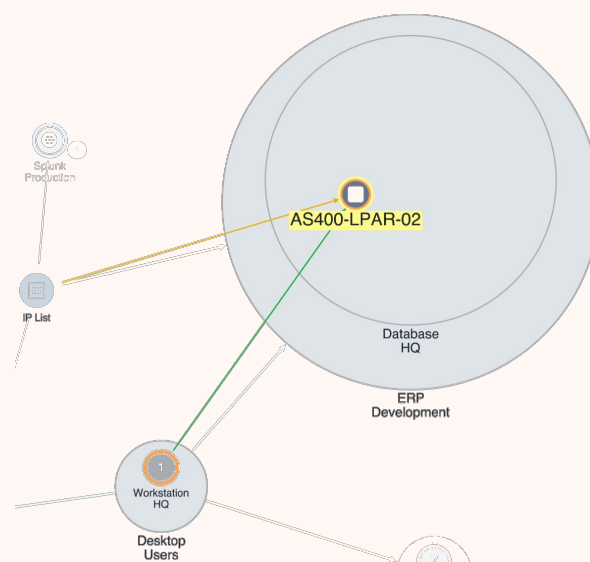
This allows Illumio to protect systems and data from unauthorized users and malicious attackers. Illumio controls and restricts access to IBM i data, while Precisely Assure Security System Access Manager adds the ability to control system settings and command line options, preventing unauthorized logins and managing user system privileges.

With Illumio for IBM i, powered by Precisely, your organization can integrate the IBM i platform into a complete Zero Trust security architecture, eliminating blind spots and enforcing consistent security.