SOLARWINDS DELIVERS NETWORK INFRASTRUCTURE VISIBILITY AND CONTROL TO MACMILLIAN PUBLISHERS

CASE STUDY

About Macmillan Publishers

Macmillan Publishers is a division of the Holtzbrinck Publishing Group, a family-owned company with offices in the United Kingdom, the United States, Germany, Australia, South Africa and many other locations around the world. As we approached a merger with the Springer Publishing Company, we needed a solid understanding of our existing network infrastructure and IP address space.

Challenges

Using spreadsheets to manage a worldwide deployment of well over 10,000 IP addresses across our estate was not a practical way to identify existing IP address usage and availability together with subnet masks, conflicting subnets, and more. So we turned to SolarWinds IP Address Manager (IPAM), which played a vital role in saving our organization countless hours of physical effort and network downtime.

With spreadsheets, we couldn't see which IP addresses might actually be in use, what additional subnets had been deployed, or if there would be any potentially duplicated IPs. With the merger upon us, it was important to quickly remediate network conflicts, clean up the IP address database to eliminate duplicates, and ensure that supernet routing was efficient. Wide scanning quickly located the IP sprawl and helped us identify potential conflicts.

> **"** *SolarWinds IP Address Manager gave us clear visibility into subnet sprawls and over-generous subnet scopes leading to consequential salvage and re-use of IP addresses.* **"**
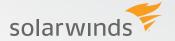>
> Robert Browning,
> Systems Monitoring

Solution

IPAM helped us see that the statically assigned IP address of a VMware® ESX host was marked as available in a DHCP scope, which helped avert a major instance of network downtime. Had DHCP or a system administrator assigned this IP to any other device, it would have caused serious problems for many virtual machines hosted on this ESX server.

SolarWinds IPAM continues to help our network administrators identify and resolve issues before they become problems. Alerts and notifications aid in quickly identifying IP conflicts, DHCP subnets nearing full utilization, DNS record mismatches, and more. It automatically scans the network to provide real-time information on IP address status, and raises email alerts to our network team.

Business Benefits and Results

Our company has many public-facing and transacting websites and many critical internal applications, which means that we need to be vigilant about avoiding network and system downtime. Since using SolarWinds IPAM, we have been able to delegate various IT administrative tasks and reduce service downtime. Integration with other SolarWinds products, such as User Device Tracker (UDT) and Orion's other integrated modules, enables us to extend our reach into network and user monitoring.

> " *SolarWinds IPAM has not just helped us sort out issues prior to the network expansion, it has helped us better manage growth and change, and increase visibility and control to help us build a more robust network infrastructure.* "
>
> Robert Browning,
> Systems Monitoring

ABOUT SOLARWINDS

SolarWinds provides powerful and affordable IT management software to customers worldwide from Fortune 500® enterprises to small businesses, government agencies and educational institutions. We are committed to focusing exclusively on IT Pros, and strive to eliminate the complexity that they have been forced to accept from traditional enterprise software vendors. Regardless of where the IT asset or user sits, SolarWinds delivers products that are easy to find, buy, use, maintain, and scale while providing the power to address all key areas of the infrastructure from on premises to the Cloud. Our solutions are rooted in our deep connection to our user base, which interacts in our thwack® online community to solve problems, share technology and best practices, and directly participate in our product development process. Learn more today at http://www.solarwinds.com/.

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