RES + IBM
Low-pain/high-gain whitelisting with IBM BigFix

Whitelisting is an increasingly important security best practice. It reduces risk by blocking unauthorized software, including malware, from being installed and executed. This effectively disrupts the cyber kill chain for many malware based attacks. As technology becomes more consumerized, people are becoming more accustomed to accessing whatever apps and resources they want from the cloud. Unfortunately, this kind of indiscriminate downloading can put your organization at risk.

While whitelisting is an important best practice, it can also be difficult and time-consuming to do correctly. The three types of change that add cost and complexity to whitelist administration are changes in approved applications, people's roles and responsibilities and how and where applications are used. These kinds of policies create additional administrative pain even as they deliver vital security gain and further proves the need for a well-automated approach to whitelist administration.

STREAMLINED AND AUTOMATED WHITELIST POLICY ADMINISTRATION

The RES policy engine makes it easy for IT staffs to capture whitelist baselines (including OS and application files), link people's whitelists to their roles as defined in enterprise HR systems, and define other whitelist parameters as appropriate (device, network connection, location, etc.). Where appropriate, RES also enables organizations to delegate whitelist management responsibilities to departmental managers.

BUSINESS VALUE CHECKLIST

Use RES solutions with IBM BigFix to automate and simplify:

✓ Whitelist policy administration

✓ Context-aware application security

✓ Application and service deployment

RES READY INTEGRATION

RES supports integration with IBM solutions Fiberlink, Maximo and Softlayer to deliver several valuable benefits to an organization. Specifically, he BigFix integration allows organizations to distribute and enforce the whitelists they create and update using the RES policy engine across their environment via their existing IBM BigFix infrastructure. It also allows the RES policy engine to automatically update whitelists to include any applications, upgrades, patches, etc. deployed by IBM BigFix.

RES READY

RES AND IBM BIGFIX BRING BUSINESS VALUE

Better security — get accurate, up-to-date whitelists protect organizations from malware, data loss, non-compliance and other threats posed by unauthorized use of application and cloud services that have not been appropriately reviewed and approved for safety, legitimacy, etc.

Minimized labor costs — reduce the manual work required to maintain whitelist accuracy over time. The automation provided by RES can generates cost savings and free IT staff to work on other high-value projects.

Reduced technology costs — leverage existing investments in security management such as IBM BigFix, RES enables IT to avoid redundant software license and maintenance expenses.

RES

Increased end-user productivity — ensure that user whitelists are quickly updated so they have access to all the resources they need to get their jobs done—and they don't have to waste time making help desk calls just to get access to the legitimate resources they need.

Enhanced compliance — utilize automated, policy-based control of access to help fulfill regulatory mandates regarding best-efforts/best-practices for IT safety.

Greater organizational agility — keep whitelists current even as they add resources, shift employees, merge with other organizations, etc. can be much more responsive to changing conditions than those that continue to depend on slow, manual access management processes.

IT modernization — maintain a well-automated whitelist management process can help facilitate many of the other technology initiatives that organizations undertake—including those related to mobility, desktop virtualization and cloud.

THE RES + IBM PARTNERSHIP

RES and IBM have been strategic technology partners many year. RES provides out-of-the box connectors for these solutions:

- IBM BigFix
- IBM Fiberlink
- IBM Maximo
- IBM Softlayer

MAXIMIZE YOUR INVESTMENT

RES offers many solutions that support and maximize the value of IBM products. Get maximized value from the RES ONE Enterprise, or solutions you can leverage independently:

RES ONE Workspace	Add the personalization, context aware policy management and workspace security that has become a requirement for many organization's virtual desktop and hybrid environments. Centrally manage users across all IBM and non-IBM environments.
RES ONE Automation	Distribute and enforce whitelists and continually update whitelists using the RES policy engine via your existing IBM BigFix infrastructure. The RES policy engine will automatically update whitelists to include any applications, upgrades, patches, etc. deployed by IBM BigFix. As part of a new employee onboarding process, administrators can automatically deliver ITapproved applications packaged as IBM Endpoint packages. This ensures that the latest OS and application packages are installed via automatic delivery for new users who are provisioned with equipment
RES ONE Identity Director	Enable users to navigate to the RES portal to select services, which in turn deliver an IBM Endpoint Manager "fixlet" that applies a corrective action or patch to the user's PC. The IT administrator can build application installation packages that meet the IT and company policies and provide those applications to the end user via the RES ONE Identity Director web portal. The user can query the available tasklets and select the relevant ones. Alternatively, tasklets can be displayed directly for installation, based on the user's role or location within the organization.

ABOUT RES

RES creates, automates and secures digital workspaces to improve the experience and productivity of the workforce while lowering IT costs. RES takes a people-centric approach to making technology access secure, even in complex multi-device/multi-location scenarios, across physical, virtual and cloud environments. RES boasts numerous patented technologies, fast time to value, and superior customer support for more than 2,500 companies around the world. For more information, visit www.res.com, contact your preferred RES partner, or follow updates on Twitter @ressoftware.

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