

Whitepaper: Mastering Application Portfolio Management for the Modern Enterprise

The Definitive Guide to Addressing Application Performance, Rationalization, Packaging, Patching and Resource Optimization

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Introduction

IT leaders and managers overseeing large application portfolios face a multifaceted challenge: ensuring performance, controlling sprawl, streamlining delivery, maintaining security and optimizing resources. With diverse systems, ranging from virtual desktops to cloud-native apps and legacy platforms, the stakes are high. Poor management leads to inefficiencies, security risks and frustrated users.

This following whitepaper from Samana Group delivers a concise list of tips and best practices for effectively managing your application ecosystem, including best practices for application rationalization, profiling, testing, packaging, patching and resource/performance management, equipping you and your team with actionable strategies to address common pain points and challenges.



This white paper is intended to be as comprehensive and detailed as possible to help those who are looking to enhance their current application management practices and teams. If you are a practitioner, we encourage you to spend a moment reviewing the contents below, however if you are looking for an abbreviated/executive summary of the main themes covered in this guide you can find one here towards the end of this white paper.

Application Rationalization

In a large enterprise, application portfolios often balloon over time, amassing dozens or hundreds of tools; many redundant, underused, or obsolete. Application rationalization is the disciplined process of assessing this sprawl to eliminate waste, align IT with business goals, and optimize resources. Rationalization slashes unnecessary expenses, freeing up critical IT budgets. Beyond cost, rationalization boosts agility and security. A lean portfolio accelerates deployments, for example cutting the enterprise application count from 200 to 150 might halve patching cycles from 14 days to 7, while reducing attack surfaces: every unneeded app is a potential vulnerability, with 60% of breaches exploiting outdated software.

Why Rationalization Should Be the First Step

Rationalization must kick off the application lifecycle because it sets the foundation for every downstream process-profiling, packaging, patching, performance, and resource management. Starting here answers the critical question: "Which apps truly matter?" Before profiling dependencies or packaging for deployment, you need to know what's worth the effort.

Skipping rationalization first risks building on a shaky base. You might optimize performance for 50 apps, only to later cut 15, wasting 100+ hours of IT time. Rationalization acts as the filter, trimming the application portfolio to its essentials before deeper investment, ensuring every subsequent step is purposeful. Data backs this: organizations rationalizing first see 25-35% lower IT costs and 20% faster lifecycle execution than those who don't.

Assessing and Pruning Your Portfolio

The following steps should be considered in your application rationalization exercises:

- **Inventory:** Catalog all applications, tagging them with usage data (e.g., active users/month), business value (e.g., revenue impact), and maintenance cost.
- **Analyze:** Use a scoring model (e.g., 1-5 for criticality, complexity, and cost) to identify candidates for retirement (score < 3) or consolidation (duplicate functionality).
- Act: Decommission low-value apps (e.g., < 10 users) and merge overlapping tools (e.g., two CRM systems) within 90 days, validating with stakeholders.

Rationalization Best Practices:

- Map Business Value First: Before scoring, align with business units to rank apps by ROI, for example, "CRM drives 15% of sales, scoring 5/5; unused reporting tool scores 1/5." Use this to guide cuts, ensuring rationalization also prioritizes impact over gut feel.
- Start with a pilot: Rationalize 10% of your portfolio to prove ROI before scaling. Aim for a 20-30% reduction in app count annually.

Application Profiling

Understanding Requirements, Dependencies and Usage

Profiling is the critical step towards driving standardization and efficiency in your application management program, providing a detailed blueprint of each application's requirements, dependencies, interconnections and behavior. Here are some considerations:

- **Requirements:** Capture functional needs (e.g., "HR app requires real-time payroll updates") and non-functional specs (e.g., "< 200ms latency, 99.9% uptime"). Gather these through stakeholder interviews and SLA reviews.
- **Dependencies:** Identify all components (e.g., "App A needs SQL Server 2019, .NET Framework 4.8, and API B v2.3.") Use tools, network traces, or runtime analysis to map libraries, services, and external calls comprehensively.
- Usage Patterns: Analyze logs for peak loads, average usage and idle periods. Tie these to business impact (e.g., "Accounting app critical on month-end").

Informing Packaging with Profile Data

In addition to the above benefits, profiling directly shapes application packaging approaches by pinpointing dependencies and components:

- **Dependency Inclusion:** Ensure packaging includes all required elements identified in the profile (e.g., embedding a specific DLL or runtime library (like Java 11)) to avoid runtime failures.
- **Conflict Avoidance:** Highlight potential conflicts (e.g., "App X and Y both need different OpenSSL versions"), allowing packaging tools to isolate or bundle appropriately.
- Lightweight Packages: Exclude unnecessary dependencies flagged as unused in the profile (e.g., legacy drivers), reducing package size by 10-20% and speeding deployment.

Enabling Virtual Application and Virtual Desktop Deployments

For many businesses a sound profiling strategy will provide data that drives successful virtualization, whether as standalone virtual apps or part of a virtual desktop/workspace:

- Virtual Apps: Profiled dependencies ensure apps run independently (e.g., "CRM packaged with SQLite runs on Citrix Virtual Apps without server-side installs.") Test profiles under virtual isolation to confirm no cross-app interference.
- Virtual Desktops/Workspaces: Use usage patterns to optimize VDI resource allocation. Profiles also flag apps needing GPU support for virtual delivery (e.g., CAD tools).
- **Compatibility:** Validate OS and dependency alignment with virtualization platforms (e.g., Omnissa Horizon, Windows 365).

Building a Profile Repository is key to taking full advantage of the profiling efforts as this will help to facilitate ongoing management as well as the ability for knowledge transfer as teams and business units change:

- Store profiles in a centralized database (e.g., Excel, ServiceNow) with fields like version, OS compatibility, dependency list, usage metrics, and virtualization notes.
- Refresh profiles bi-annually or after major updates to keep packaging and virtualization strategies current.

Application Profiling Best Practice: Begin profiling your top 10 apps by user count or criticality–accurate profiles here streamline packaging and virtualization, setting the stage for portfolio-wide success.



Application Packaging

Application packaging drives deployment efficiency, ensuring applications install reliably, run smoothly, and scale effortlessly–whether delivered to physical endpoints, virtual desktops, or cloud environments. In a large portfolio, where dozens or hundreds of apps must coexist, proper packaging eliminates conflicts, reduces setup time, and enables automation, cutting deployment cycles from hours to minutes. For example, a well-packaged CRM app can roll out to 1,000 users in under an hour, versus days of manual tweaks. It's the difference between a streamlined IT operation and a chaotic one, directly impacting user productivity and operational costs.

The fallout from neglecting packaging is brutal. Inconsistent or untested packages can lead to deployment failures, and conflicts between applications (e.g., two tools overwriting the same DLL). In virtualized setups like Citrix or VMware Horizon, poorly packaged applications can bloat images or fail isolation, slowing VDI performance by 20-40% and frustrating users. Without a disciplined approach, packaging becomes a bottleneck, inflating IT workloads and risking rollbacks that erode trust in new releases.

Streamlining Deployment

Efficient packaging ensures consistency and enables streamlined, automated deployments across diverse environments–endpoints, virtual apps or workspaces:

- **Standardize:** Use tools that can create portable, conflict-free packages. Define a universal template that covers OS compatibility (Windows 10/11, Server 2022), dependency list (e.g., Java 17, Python 3.9), and install scripts (silent, no user prompts) based on profiling data. This ensures packages are self-contained.
- Unstandardized packaging risks chaos: one-off builds waste 10-15 hours per app, and incompatibility (e.g., Windows 11 rejecting a Windows 7 package) halts rollouts.
- Test: Validate packages in a sandbox mirroring production for at least 48 hours under load (e.g., 200 simulated users via Login VSI). Test key scenarios: install/uninstall, app launch and peak usage (e.g., 100 transactions). For virtualized deployments, confirm isolation (e.g., "App A doesn't overwrite App B's registry keys"). Skipping this step risks deploying flawed packages: a 5% failure rate across 500 endpoints can lead to over 25 urgent fixes, eating 50+ hours of IT time.
- **Version:** Maintain a package library with strict version control stored in a repository like SCCM or Artifactory. Tag packages with metadata (e.g., "Tested on Horizon 8.5") and keep prior versions for rollbacks. Without versioning, you open your team up to having to rebuild from scratch post-failure, delaying recovery by days and doubling costs.

Poor packaging turns deployment into a gamble: An untested package might work on 80% of systems but fail on 20%, costing significant costs in lost productivity—or worse, force a full rollback, delaying a critical release by a week. Standardization, testing and versioning make success predictable.

Application Packaging Best Practice - Automate Package Validation with Login VSI: Package high-priority apps first (e.g., top 5 by user count) to perfect your process, then use Login VSI to automate testing. Analyze results for errors, latency (< 200ms), and resource use (< 4GB RAM), targeting a 50% reduction in deployment errors. This practice cuts testing time and ensures virtual or endpoint delivery is rock-solid.

Application Patching

Why Patching is Non-Negotiable

In today's threat landscape, patching is a frontline defense against mitigating security breaches and ensuring application stability. With cyberattacks exploiting unpatched vulnerabilities within days—or even hours—of disclosure, a single oversight can expose sensitive data, disrupt operations or incur regulatory penalties. For instance, the 2017 Equifax breach, linked to an unpatched Apache Struts flaw, compromised 147 million records and cost over \$1 billion, a stark reminder of patching's stakes. Beyond security, patches fix bugs that degrade performance, such as memory leaks or compatibility issues, ensuring applications remain reliable across a diverse portfolio.

Failing to prioritize patching has dire implications. An unpatched critical app, like a public-facing portal, could become an entry point for ransomware, locking down systems and halting business for days. Stability suffers too: an outdated app might crash under load post-OS update, forcing emergency downtime and eroding user trust. For regulated sectors (e.g., healthcare, finance), delayed patching risks non-compliance (e.g., HIPAA fines up to \$1.5 million annually), while IT teams scramble to remediate, diverting resources from innovation. Without a proactive patching strategy, vulnerabilities persist, costs balloon and business stability weakens.

Ensuring Proactive Security and Stability

A well-structured patch management process mitigates these risks without disrupting operations. Here's how to execute it effectively:

- **Prioritize:** Rank patches using severity metrics like CVSS scores (e.g., > 7 for high-risk) and app criticality from your profile data. Start with apps exposed to the internet, like web portals or customer APIs, where exploits spread fastest. Cross-reference with business impact to align with operational needs. Skipping prioritization risks patching low-impact apps while critical ones languish, amplifying exposure.
- Automate: Leverage tools to push patches during off-hours (e.g., 2-4 AM local time), minimizing user impact. Pre-test on a 10% sample of systems mirroring production, e.g., same OS, dependencies, and load, to catch issues like a patch breaking a key dependency (e.g., .NET update crashing a legacy app). Automation cuts manual effort by 60-70%, but without testing, you risk deploying a flawed update portfolio-wide, triggering outages.
- Verify: Post-patch, run synthetic tests with tools like Login VSI (e.g., 100 logins or 50 transactions) to confirm performance parity. Aim for < 5% latency increase (e.g., 200ms to 210ms) and no functional regressions (e.g., login failures). Check resource usage too (e.g., CPU spikes from 30% to 50% signal a problem). Unverified patches can silently degrade user experience, turning a security fix into a performance headache, so this step is non-negotiable.

Goal

Achieve a 95% patch compliance rate within 7 days of release for critical updates. This benchmark balances speed with stability, ensuring vulnerabilities close fast while maintaining service quality. Falling short, like a 60% rate after 14 days, leaves gaps attackers exploit, with 90% of breaches tied to patches available for over a month.

Application Patching Best Practice - Stage Patches with a Canary Approach: Barring any patches addressing critical and time sensitive zero-day exploits, roll out patches to a small, non-critical subset (e.g., 5% of test VMs) for 48 hours before wider deployment. Monitor for stability and performance shifts to catch issues early. This reduces portfolio-wide risk, keeping disruptions minimal.



Rank patches using severity metrics like CVSS scores and app criticality from your profile data.

Application Performance Management

Why Performance Management Matters

In a large application portfolio, performance is a key driver of user satisfaction, operational efficiency, and business success. Applications, whether powering customer-facing portals, internal workflows or virtual desktops must deliver fast, reliable experiences to meet rising expectations. Poor performance, such as slow load times or frequent crashes, directly erodes productivity: a 1-second delay in page response can reduce user satisfaction by 16% and cost e-commerce firms millions in lost revenue annually. For IT teams, degraded performance strains infrastructure, spikes support tickets and delays critical releases, creating a ripple effect of inefficiency.

The stakes escalate when performance issues go unaddressed. Unchecked bottlenecks, like an app consuming excessive CPU during peak hours, can cascade into system-wide outages, jeopardizing SLAs and risking reputational damage. In regulated industries (e.g., finance, healthcare), sluggish or unstable apps may even breach compliance standards, inviting fines or audits. Without proactive performance management, IT leaders face a vicious cycle of firefighting, rising costs and frustrated stakeholders, turning a manageable challenge into a strategic liability.

Structured Testing and Benchmarking

Robust testing and benchmarking are the backbone of performance management, ensuring applications meet defined standards under real-world conditions.

- Script Lifecycle: Build reusable, modular test scripts using tools like Login VSI. Update these scripts quarterly to reflect application changes (e.g., new features, UI updates) and test under peak load scenarios, such as 500 concurrent users, to mimic high-traffic periods like month-end closings. This ensures scripts remain relevant and stress tests reveal true capacity limits, not outdated assumptions.
- Alignment: Synchronize testing with development sprints to catch issues early. Use profile-derived benchmarks as pass/fail gates (e.g., response time < 200ms, throughput > 50 transactions/second) to align with user expectations and SLAs. This integration prevents performance regressions from slipping into production, saving costly post-deployment fixes.

Neglecting structured testing invites blind spots: For example, an untested update might spike latency from 150ms to 600ms, unnoticed until users complain, triggering emergency rollbacks and downtime. Consistent benchmarking, tied to business cycles, keeps performance predictable and reliable.

Reporting and Monitoring

Visibility is critical to sustaining performance across a portfolio.

• **Reports:** Track key performance indicators (KPIs) like error rate (< 1%), average response time (< 300ms), and availability (99.9%) in a centralized dashboard. Refresh daily for operational teams to spot immediate issues, e.g., a 2% error spike in a billing app—and monthly for leadership to assess trends, such as a 10% latency improvement after optimization. Include per-application breakdowns to pinpoint laggards

and portfolio-wide aggregates to gauge overall health. Without this, IT risks flying blind, unable to justify resource requests or prove ROI.

• Monitoring: Deploy lightweight agents like Samana Group's 'SAMM' (e.g., on VMs, containers) to log CPU, memory, disk I/O, and network usage in real time. Set tiered alerts for anomalies. Correlate app metrics with infrastructure (e.g., "CRM latency jumped when DB server hit 95% I/O") to diagnose root causes fast. Unmonitored systems invite silent failures, like a memory leak doubling resource use over weeks, draining budgets and degrading experiences unnoticed.

Poor reporting and monitoring compound risks. A lack of data delays problem identification–e.g., a regional office suffering 500ms latency for days before it's flagged–while reactive fixes inflate costs. Proactive visibility turns performance management from a guessing game into a strategic asset.

Performance Management Best Practice - Simulate Failure Early: Inject chaos into your testing (e.g., disable a dependency like a database or throttle bandwidth to 50% during a Login VSI run) to expose weak points before they hit production. This builds resilience and cuts mean time to recovery (MTTR) by 20-30%, ensuring your portfolio withstands real-world stress. Monitor for the right metrics: Incorporate customizable monitoring tools like SAMM that allow the creation of metrics not available in commercial and more rigid monitoring tools.



Application Resource Management

Why Resource Management is Critical

Efficient resource management is the unsung hero of a high-performing application portfolio. Applications, whether running on-premises, in the cloud or as virtual desktops, rely on finite CPU, memory, storage and network resources to deliver seamless experiences. Get it right, and you balance performance with cost: a well-tuned app might serve 500 users on 8GB RAM instead of 16GB, saving thousands annually. Get it wrong, and waste creeps in; over-provisioned servers burn budgets, while under-resourced apps choke during peak loads, frustrating users and stalling operations. In a large portfolio, these inefficiencies multiply fast, turning a manageable expense into a financial and operational burden. The consequences of neglecting resource management are steep. Over-provisioning (e.g., assigning 4 vCPUs to an app needing 2) can inflate cloud costs by 30-50%, draining budgets without adding value. Under-provisioning is just as bad: an app hitting 100% CPU during a sales rush might crash, costing hours of downtime and lost revenue. Poor visibility compounds the problem, leaving IT guessing about usage trends, unable to justify investments or optimize effectively. In hybrid or virtualized environments, misallocated resources also strain shared infrastructure, slowing unrelated apps and sparking inter-team blame. Without deliberate management, resources become a silent killer of efficiency and agility.

Optimizing Infrastructure

Balance performance and cost with a structured approach to resource management:

- **Profile:** In addition to the application profiling actions mentioned earlier you can also measure and profile resource usage per application with precision (e.g., "CRM consumes 4GB RAM and 2 vCPUs at 200 concurrent users"–using the right tools). Break it down by workload: idle (e.g., 1GB RAM), average (e.g., 3GB), and peak (e.g., 6GB during quarterly reporting). Cross-reference with profiling data to validate needs (e.g., "App X's SQL dependency doubles I/O at 300 users.") Without this baseline, you risk over-or under-sizing, misaligning resources with reality.
- Allocate: Set dynamic thresholds to adapt to demand (e.g., auto-scale VMs up if CPU > 70% for 10 minutes or memory > 80% for 5 minutes, but cap at 120% of profile baseline (e.g., 4.8GB RAM max) to prevent runaway provisioning). Use policies like "scale down if CPU < 30% for 15 minutes" to reclaim unused capacity. Static allocations waste money, for example a fixed 16GB VM for an app averaging 5GB, while unchecked scaling can spike costs unexpectedly, so guardrails are key.
- **Review:** Conduct regular audits to right-size resources (e.g., cut 2 vCPUs from an oversized app (from 6 to 4), saving \$500/month in cloud fees, or add 1GB RAM to an underperforming one flagged by monitoring (e.g., latency > 500ms)). Compare usage trends to business cycles (e.g., "Tax app needs +50% capacity in April", to plan ahead). Skipping reviews locks in waste, like paying for 20% excess capacity year-round or misses bottlenecks that degrade user experience.

Setting a goal can help to drive efforts here. For example, a goal to reduce resource waste by 15-20% within 6 months. This goal trims fat while ensuring performance holds steady. Falling short means overspending persists or worse, under-resourcing triggers outages, with 70% of performance issues tied to resource mismatches.

Application Resource Management Best Practice - Implement Resource Tagging: Tag all apps and infrastructure (e.g., "CRM_Prod," "HR_Dev") in your monitoring tools to track costs and usage by team, app, or function. Review tags quarterly to spot overages (e.g., "Dev VMs cost 40% more than budgeted") and reallocate precisely, boosting savings by 10-15% without guesswork.

Governance and Escalation

In a sprawling application portfolio, governance provides the structure to align IT efforts with business goals, while escalation ensures rapid resolution when issues arise. Without governance, ad-hoc decisions proliferate (e.g., one team over-provisions resources while another skips patches) leading to inconsistent performance, wasted budgets, and misaligned priorities. Strong governance significantly simplifies and clarifies what can otherwise be a complex and chaotic process: it tracks portfolio health, enforces standards, and keeps stakeholders informed, ensuring applications deliver value reliably. Escalation, meanwhile, is the safety net; without it, a minor glitch (e.g., a failed patch) can snowball into a portfolio-wide crisis, like a VDI outage halting work for thousands. Together, they're the glue holding a complex operation together.

Neglecting these disciplines invites disaster. Poor governance obscures visibility (e.g., leadership learns of a 20% uptime drop months late, unable to act until damage is done). Teams operate in silos, duplicating efforts or clashing over resources, driving costs up 15-25% annually. Weak escalation compounds the pain: a stalled L1 alert might delay fixing a critical app for 12 hours instead of 2, costing significant dollars in lost productivity. In regulated industries, ungoverned portfolios risk compliance gaps (e.g., unpatched apps triggering audits) while slow escalation amplifies downtime, eroding trust. Without these pillars, IT becomes reactive, expensive and ineffective.

Portfolio Governance

Governance establishes control and accountability across the portfolio:

- **Regular Reporting/Summaries:** Deliver regular insights to keep teams and leadership aligned. Weekly health scores per app (e.g., 92/100, based on uptime, latency, and patch status) flag immediate risks (e.g., "HR app dropped to 85/100 due to CPU spikes."). Monthly trend reports highlight progress (e.g., "10% latency drop after optimizing ERP"–and pinpoint laggards needing attention). Annual strategy reviews assess long-term goals (e.g., "Shift 50% of apps to cloud by 2026") tying efforts to business outcomes. Without transparent reporting and summaries, blind spots grow: a failing app might go unnoticed until users revolt, tanking end user satisfaction.
- **Oversight:** Assign a dedicated governance lead to enforce standards across rationalization, packaging, patching, performance management, and resource allocation. This role audits compliance (e.g., "All critical apps patched within # days?"), resolves conflicts (e.g., "Dev wants 16GB, ops says 8GB"), and drives consistency (e.g., ensuring packaging templates match profiling data). Lack of oversight risks drift: one-off decisions pile up, like 10% of apps missing security updates, exposing vulnerabilities.

Escalation Protocols

A structured escalation process keeps issues from spiraling out of control:

• **Tiers:** Define clear levels. L1 for basic alerts (e.g., CPU > 80%), L2 for app-specific issues (e.g., patch failures breaking login), and L3 for portfolio-wide problems (e.g., VDI outage affecting 5,000 users). Assign ownership (L1 to helpdesk, L2 to app admins, L3 to architects) with escalation triggers like "L1 unresolved after 30 minutes." Unclear tiers delay action: a patch issue might bounce between teams for hours, doubling downtime.

• **Runbooks:** Document fixes in detailed playbooks tied to profile data for accuracy. Include SLAs (2 hours for L2 resolution, 4 hours for L3) to enforce speed. Test runbooks quarterly to ensure relevance (e.g., "Does restarting X still fix Y post-update?"). Without runbooks, fixes become guesswork: a 5-minute restart stretches to 60, amplifying user impact.

Failing governance and escalation undermines the portfolio. A missing summary hides a cost overrun, while a botched escalation turns a 1-hour fix into a day-long outage, both avoidable with discipline.

Application Governance Best Practice - Gamify Compliance: Create a quarterly "Portfolio Health Scorecard" ranking teams or apps (e.g., "Team A: 95/100, Team B: 88/100") based on governance metrics like patch rates or resource efficiency. Share it widely to spark friendly competition, boosting adherence and fostering accountability without micromanaging.



The Future of Application Portfolio Management

Why the Future Matters Now

The pace of technological change is relentless, and for IT leaders managing sprawling application portfolios, staying ahead isn't optional, it's survival. Emerging technologies like edge computing and quantum computing promise to reshape how applications are delivered and perform, while AI and machine learning unlock smarter, predictive management. Adaptability becomes an essential capability to pivot fast as these innovations mature, ensuring your portfolio remains competitive, secure, and cost-effective. Proactively embracing the future positions IT as a strategic driver (e.g., slashing latency by 50% with edge deployments or cutting resource waste by 20% with AI insights) rather than a reactive cost center.

Ignoring these trends carries steep consequences. Lagging on edge adoption might leave customer-facing apps struggling with 500ms latency while competitors hit 50ms, driving users away and costing millions in lost revenue (e.g., a 1-second delay can cut e-commerce conversions). Failing to leverage AI risks missing optimization opportunities, like over-allocating 10GB RAM to an app needing 6GB, inflating cloud bills by 30%. Without adaptability, rigid frameworks stall tool adoption (e.g., taking 6 months to integrate a new security protocol, leaving you vulnerable to breaches like ransomware, which exploits a significant population of unpatched systems within weeks. Inaction today locks in obsolescence tomorrow.

AI and Machine Learning

AI and ML will transform portfolio management from reactive to predictive:

- **Predictive Patching:** Intelligent use of AI will allow your business to forecast patching needs (e.g., "Patch X likely fixes bug Y based on error logs", prioritizing CVSS 9.0 flaws hours faster than manual reviews). This cuts exposure windows and thwarts exploits that can impact a large number of unpatched applications.
- **Resource Optimization:** Those businesses that leverage ML to analyze usage patterns and auto-tune allocations, will be able to effectively shrink wasted resources and operating expense. Without AI, you're stuck guessing, over-provisioning or risking outages from under-resourcing.

Partnering for Success: Samana Group

Executing this playbook at scale is easier with the right partners. Samana Group and our strategic ecosystem of platform partners, offers an end-to-end, comprehensive Application Lifecycle Management service. With Samana Group you have the ability to integrate a turnkey program that can handle all the elements outlined in this whitepaper while reducing execution time, time to value, headache, risk, resources and overall operating expense.

- Rationalization: We assess and prune apps, targeting 20% cost savings.
- Packaging: Standardized, tested packages with Login VSI validation.
- Patching: Automated rollouts with post-patch performance checks.
- APM: Real-time monitoring and testing via Login VSI integration.
- Resources: Dynamic optimization with detailed reporting.

In addition to the above, Samana Group's L2/L3 escalation support, program management and governance ensure rapid resolution and transparency.



Executive Summary and Conclusion

Mastering a large application portfolio demands a unified approach to rationalization, profiling, testing, packaging, patching, security, performance, and resource management. For your convenience we have provided a very high level summary of the main themes of this whitepaper here for your review.



The best practices outlined in this whitepaper, when executed properly, will deliver measurable outcomes: reduced sprawl, faster deployments, stronger security, higher uptime, and lower costs. Partner with Samana Group and our strategic partnerships to turn this vision into reality. **Contact Samana Group to get started.**





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