PINGACCESS POLICY MIGRATION

De-risk Legacy WAM Migration, Automate Policy Management

Ping
Identity®   SOLUTION BRIEF

Once the de facto standard, the web access management (WAM) solution of yesterday wasn't designed for the requirements you face today—requirements that also include the need to automate manual processes and introduce DevOps processes into your access management practice. However, after decades of integrating applications with your legacy WAM system, each with its own set of access policies, the prospect of migration can seem daunting. But that can change with **PingAccess Policy Migration (PAPM)**. As a solution to ease your migration from legacy WAM systems, including CA SiteMinder (CA SSO) and Oracle Access Manager, PAPM removes the burdensome and error-prone processes involved in manually migrating hundreds of policies from your legacy WAM system to PingAccess.

Once policies are deployed to a pre-production environment, PAPM enables you to test policy logic and subsequently promote policies to higher-level environments. And to cap it off, you can manage the health of each of your **PingFederate (PF) and PingAccess (PA)** clusters with a range of monitoring dashboards.
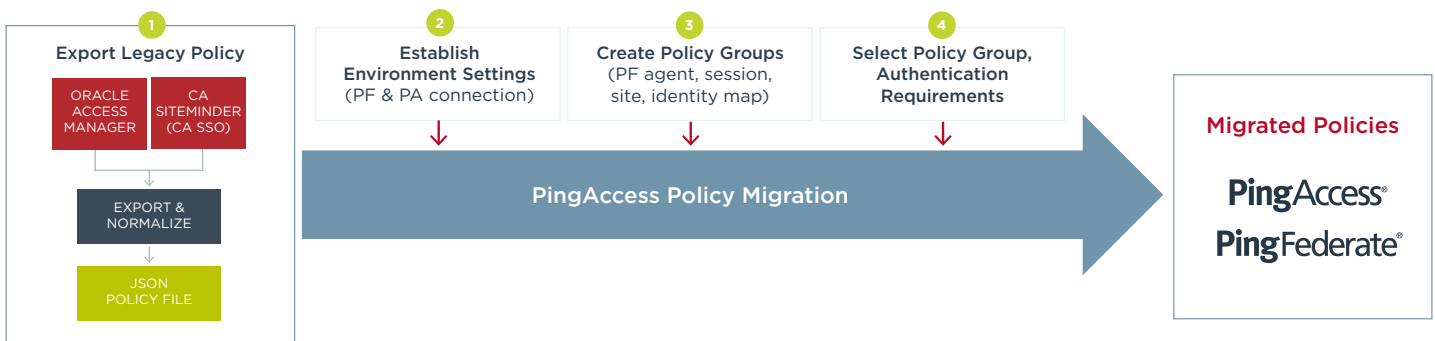
POLICY MIGRATION

PAPM enables reliable, error-free migrations by reducing the pitfalls that can occur when an administrator manually inputs policy data for migration. PAPM automates the process of getting from a legacy policy export to a set of migrated, deployed PingAccess (PA) and PingFederate (PF) policies that enact the same authorization logic.

As each system defines resources in a unique manner, PAPM contains rule processor plugins to bridge the gaps.

Modern attributes—which legacy WAM systems don't include in policies—are automatically pulled from the groups you create in advance of the migration.

- Import 1M+ lines of XML in minutes.

- Migrate to a proxy or agent configuration.

- Review corresponding import and export values.

- Troubleshoot common errors (mapping, exports).

Export Legacy Policy

1 Export Legacy Policy

ORACLE ACCESS MANAGER | CA SITEMINDER (CA SSO)

EXPORT & NORMALIZE

JSON POLICY FILE

2 Establish Environment Settings (PF & PA connection)

3 Create Policy Groups (PF agent, session, site, identity map)

4 Select Policy Group, Authentication Requirements

PingAccess Policy Migration

Migrated Policies

PingAccess®
PingFederate®

POLICY TEST

PAPM provides an interface to test policy logic and authentication flows prior to deployment. This includes capabilities to impersonate diverse sets of users to ensure compatibility across multiple access scenarios. Load testing is also available to measure a policy's response performance under both normal and anticipated peak load conditions.
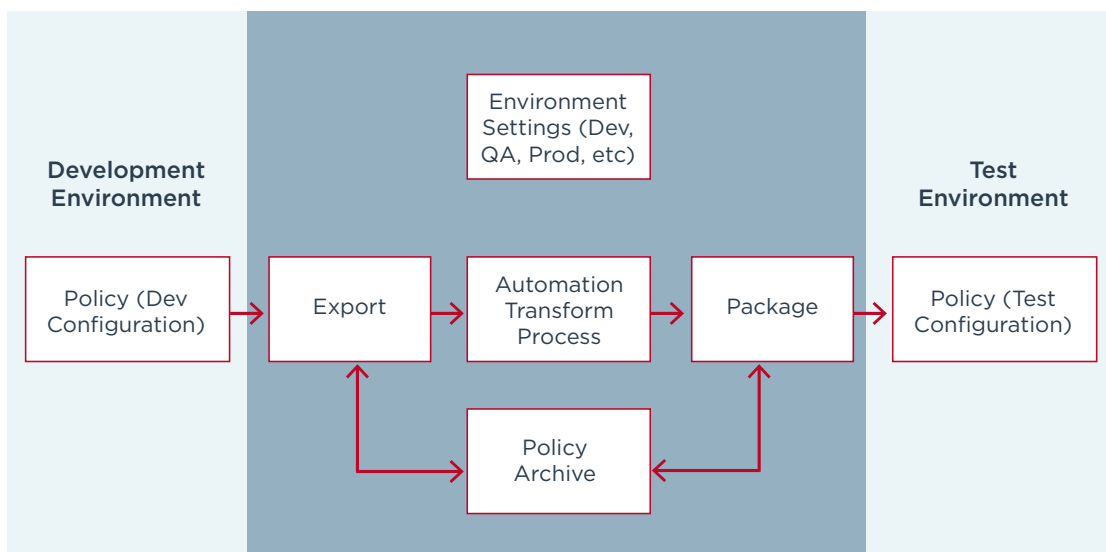
- Conduct testing prior to agent and app configuration.

- Test authentication and OIDC flows to applications.

- Retrieve custom HTTP headers provided by PingAccess.

- Load test policy logic and associated response times.

POLICY PROMOTION

PAPM provides automated processes to move policies between development, testing, staging and production environments.

This eliminates the need to manually rebuild similar policies within an environment or to recreate the same policies across environments.

- Promote policies to higher level environments.

- Export policies to flat file databases for recovery.

- Remove policies, with all dependencies considered.

Development Environment

Test Environment

Environment Settings (Dev, QA, Prod, etc)

Policy (Dev Configuration) → Export → Automation Transform Process → Package → Policy (Test Configuration)

Policy Archive

MONITORING DASHBOARD

PAPM offers monitoring dashboards to view real-time environment status for PingFederate and PingAccess, alongside a historical view of activity to aid in troubleshooting. A health check monitor provides a consolidated health status view of Ping servers and can quickly alert an administrator to current or escalating issues. Other monitors include graphical displays of historical and live response times, CPU load, open connections comparisons, memory usage, sync status and more.

- Check response times to ensure servers aren't overburdened.
- View the activity of open proxy connections.
- Check available memory and CPU utilization.
- Ensure servers within a cluster are configured identically.

HEALTHY   SYNC
                 FAILURE   ACTIVE
                                  FAILURE
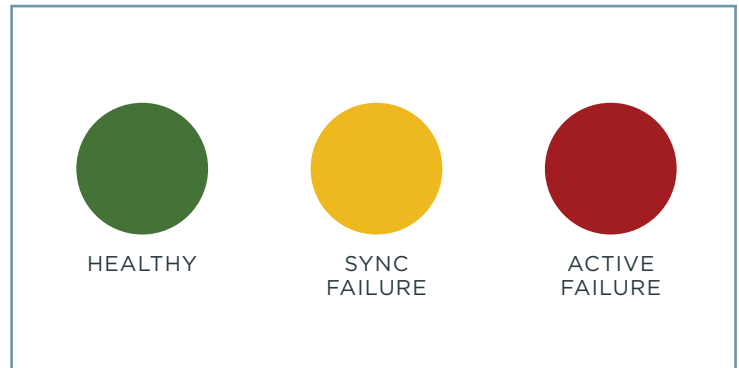
Migrating your applications to PingAccess and automating policy management has never been easier. To learn more about PingAccess Policy Migration, contact your Ping sales representative.