

MidPoint 3.5.1

Practical Open Identity & Organization Management

MidPoint is an IGA tool, which solves the problems in the area of Identity Governance & Compliance, Access Management and Identity Provisioning. MidPoint integrates and aligns identity information in various databases, directories and applications. The design of midPoint focuses on efficient deployment and easy operation of the system, resulting in a low TCO of a complete identity management solution.

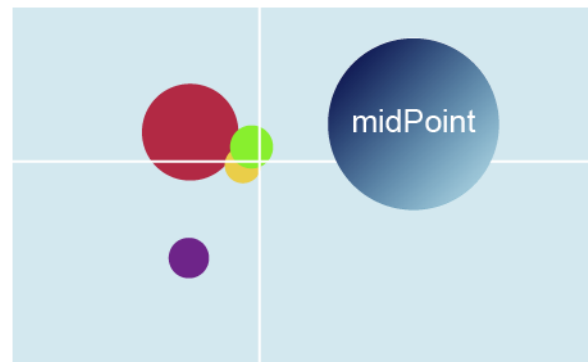
Next generation: midPoint is a second-generation IDM product. The first-generation products of 2000s were cumbersome and very expensive. MidPoint is different. It is built on state-of-the-art technology. But midPoint is more than just technology. MidPoint is designed to be practical, efficient and affordable. It is built to support incremental and iterative IAM programs.

Open system: midPoint development is transparent for public. There is no vendor lock-in and it can be modified according to one's individual needs.

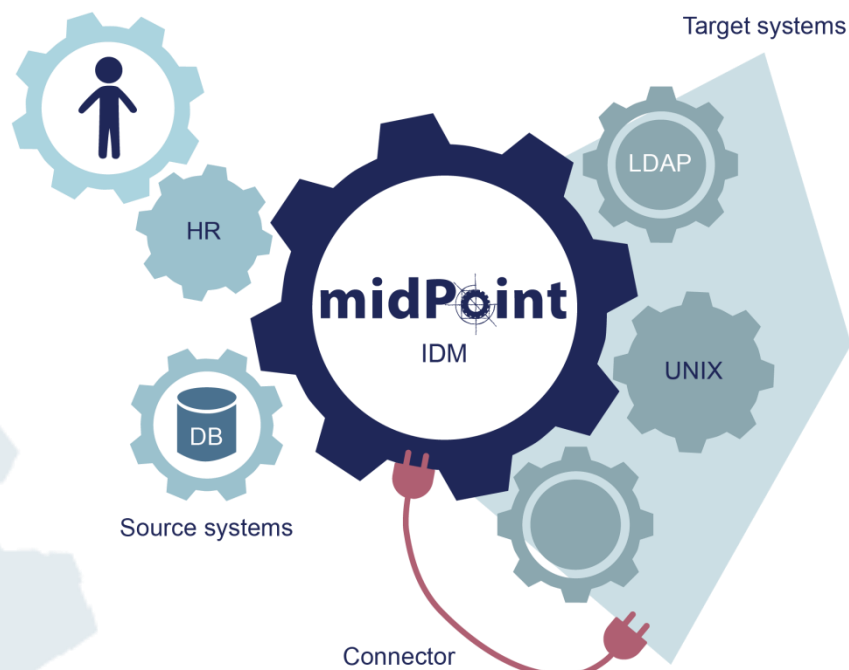
Efficient common case: midPoint supports common scenarios as efficiently as possible. Setup of common configurations is a matter of minutes or hours. It usually requires just a few clicks and expressions, not coding. This approach allows engineer to focus on specifics of a deployment instead of re-doing the same thing again and again for each deployment.

Extensible as needed: The less common scenarios can be supported by extending the system using a code. This may be Groovy or JavaScript, Java code, executing a process, calling external web services and so on.

Best-of-the-breed: midPoint is the number one in open identity management. It has the richest feature set and it is also the largest project among all the competitors. MidPoint has more source code lines than its two other competitors combined.



Beyond Traditional Identity Management: midPoint can manage the identities of employees, contractors, partners, temporary workers, students, customers, volunteers, citizens and actually any other type of identity. It can also manage and synchronize organizational structure. But midPoint goes even further. It can dynamically manage and synchronize also identity-related objects such projects, ad-hoc teams, groups and so on.



Features

- Common user data model suitable for easy integration
- Identity provisioning
- Connectors
- Web-based administration GUI
- Self-service
- Flexible identity repository implementations and SQL repository implementation
- Synchronization
- Advanced RBAC support and flexible account assignments
- Entitlements and entitlement associations
- Advanced internal security mechanisms
- Several assignment enforcement modes
- Customization expressions
- PolyString support allows automatic conversion of strings in national alphabets
- Mechanism to iteratively determine unique usernames and other identifiers
- Extensibility
- Reporting based on Jasper Reports
- Comprehensive logging designed to aid troubleshooting
- Rule-based RBAC (RB-RBAC) ability by using conditional mappings in user template
- Governance, compliance and risk management (GRC)
- Auditing
- Credential management
- Support for Service objects (ServiceType) to represent servers, network devices, mobile devices, network services, etc.
- Partial multi-tenancy support
- Deployment and customization
- Import from file and resource
- Self-healing consistency mechanism
- Representation of all configuration and data objects in XML, JSON and YAML
- Enterprise class scalability (hundreds of thousands of users)
- API accessible using a web service, REST and local JAVA calls
- Workflow support (based on Activiti engine)
- Notifications
- Documentation

Changes with respect to version 3.5

- Specification of mapping domain and range
- Easy customization of basic look and feel (color, icon, system name)
- CredSSP and Exchange PowerShell support in AD/LDAP connector.
- Minor GUI improvements

Technical specification

Version	midPoint 3.5.1
Platform	Java: OpenJDK 8 Sun/Oracle Java SE Runtime Environment 8
Supported containers	Apache Tomcat 8 Apache Tomcat 7 Sun/Oracle Glassfish 3 (3.1) BEA/Oracle WebLogic (12c)
Supported datastores	H2 PostgreSQL MariaDB Persona Sserver MySQL Oracle 11g Microsoft SQL Server
Default workflow engine	Activiti
GUI Framework	Apache Wicket
External interfaces	SOAP/WSDL REST
Data representation	Prism Objects, reflected to XML
Connector framework	ConnId (Evolveum Polygon, OpenICF)
Application framework	Spring
Expression languages	Groovy Python JavaScript XPath version 2

Connectors

LDAP (OpenLDAP, OpenDJ, 389ds, ODSEE, ...)	
Microsoft Active Directory and Exchange	
Database Table (Oracle, MySQL, PostgreSQL, DB2, ...)	
Scripted SQL	GitLab
DB2	SAS
MySQL	Office365
Oracle	FreeIPA
RACF	Google Apps
Solaris / Linux	SPML
LifeRay	CSV File
and any other Polygon, ConnId or OpenICF connector	