



Entitlement Manager for SharePoint Online

THE SITUATION

Microsoft SharePoint provides a popular platform for sharing business-critical data. Teams enjoy easy, ad-hoc collaboration with rapid SharePoint site creation, user provisioning, and a discretionary access control model. Yet, the boon to business collaboration also amplifies the risk that sensitive, regulated, and highly valuable data will be leaked or mishandled.

Microsoft SharePoint Online is a cloud-based service that enables companies to collaborate and share data seamlessly across the organization. However, when dealing with highly sensitive data, such as intellectual property, regulated data, or personally identifiable information, extra care must be taken to secure that data.



THE SOLUTION

NextLabs' Entitlement Manager for SharePoint Online (EM for SPOL) provides attribute-based access control with fine-grained security controls and information governance to safeguard your most sensitive data and documents stored in SharePoint Online. EM for SPOL enforces whether users can upload documents or view rights-protected files, automating information controls on SharePoint Online data to enable secure collaboration.

- Automatic classification controls that identify and classify data uploaded to SharePoint
- Data segregation controls that limit where sensitive data can be uploaded to avoid toxic data spills
- Attribute-based access controls (ABAC) that make authorization decisions based on attributes of users, devices, data classifications, IP addresses, and more
- Automatic application of document controls that persistently protect data even after it leaves SharePoint
- Activity monitoring provides visibility to where new sensitive data resides, what controls are in place, and who is accessing the data

THE BENEFITS

The benefits of Entitlement Manager for SharePoint Online include:

- Secure Collaboration (both internally and externally) with customers, partners, and other third parties
- Automated Information Controls to simplify data access governance, eliminate mistakes, and reduce cost
- Rapid Reactions to changes in business requirements, market conditions, or regulatory environment since policy changes can be made without requiring code changes or application downtime
- Reductions in Cost of compliance through more efficient and cost-effective monitoring and audit of your data

CENTRALIZED POLICY MANAGEMENT

Entitlement Manager for SharePoint Online is built on the NextLabs Control Center platform, which deploys powerful policies to govern end-to-end data access and usage from enterprise applications to any endpoints.

AUTOMATICALLY IDENTIFY, CLASSIFY, AND MARK DATA

Entitlement Manager for SharePoint Online automatically discovers and classifies data in SharePoint, including sites, pages, list, libraries, items, and documents. Classification can be used to drive access and storage controls, as well as enable persistent protection outside of SharePoint.

- Apply classifications to files uploaded to SharePoint Online in the form of metadata tags
- Tag documents individually upon upload, based on identity of the user uploading the document

EXTEND SHAREPOINT WITH ATTRIBUTE-BASED ACCESS CONTROL

Entitlement Manager for SharePoint Online extends SharePoint container-based permissions with Attribute-Based Access Control (ABAC). ABAC enables powerful rules that authorize users based on multiple factors, for example, classification of the file, user attributes, claims, and even dynamic factors, such as device or network location. An ABAC rule may state, "Allow only Project Destiny engineers located in the US or UK to access data classified as Project Destiny." When a user attempts to access a document classified as Project Destiny, no matter where the file is stored in SharePoint, this rule is validated in real-time with no perceptible latency.

- Allow or block access to a library, list, or site in SharePoint Online, based on resource and user attributes
- Control which users can access, edit, or delete documents, based on the resource and user attributes from the browser and Office application
- Prevent users from uploading documents based on user attributes such as name, department, email ID, and more

ABOUT NEXTLABS

NextLabs provides data-centric security solutions to protect business-critical data and applications. Its patented policy-driven dynamic authorization platform helps enterprises identify and protect data, monitor and control access to sensitive data, and help prevent regulatory violations—whether in the cloud or on-premises. NextLabs' solutions automate the enforcement of security controls and compliance policies to enable secure information sharing across the extended enterprise. NextLabs has some of the largest global enterprises as customers and has strategic relationships with several industry leaders. For more information on NextLabs, please visit <http://www.nextlabs.com>.

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INTEGRATED ENTERPRISE DIGITAL RIGHTS MANAGEMENT (EDRM)

Entitlement Manager for SharePoint Online offers unsurpassed data protection using Integrated Enterprise Digital Rights Management (EDRM). Integrated EDRM automatically applies rights protection to documents in SharePoint. Once protected, document-level access and usage controls will persist with the file, regardless of where it is downloaded or distributed.

- Enable administrators to classify and encrypt documents when the documents are uploaded to SharePoint Online
- Enable administrators to specify the user groups that are allowed to view rights-protected files
- Enable persistent protection that prevents unauthorized users from accessing files

CENTRALIZED AUDIT AND REPORTING

Policy compliance and end user activity are collected in a central Activity Journal for reporting by NextLabs Reporter, a graphical analysis, charting, and reporting application.

