



SharePoint Attestation & Remediation Kit

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SHAREPOINT ONLINE & MICROSOFT TEAMS DATA READINESS FOR COPILOT

The SharePoint Attestation and Remediation Kit (SPARK) is the first step to streamlining the process of assessing and securing SharePoint Online and Microsoft Teams data within your organization. This *Azure microservice powered* kit facilitates compliance with organizational security requirements in preparation for Microsoft 365 Copilot enablement, reducing data overexposure, mitigating accidental data spillage, and enhancing overall data governance.

★ Requirements

Requirement	Details
Azure Subscription	Azure Gov or Commercial subscription
Microsoft Entra ID	Azure Entra ID only supported for authentication and authorization
Microsoft 365 Subscription	Active M365 Subscription
SharePoint Online & Teams	Only cloud based SPO sites, libraries and data is supported
Exchange Online	Only EXO cloud-based Exchange is supported for notification services.

★ Key Benefits

1. Data Readiness for Copilot

This system ensures that your SharePoint Online & Microsoft Teams data is properly reviewed and attested by your site/team owners. By proactively identifying and addressing potential issues, this system will help tenant admins prevent oversharing of sensitive information to others and Microsoft 365 Copilot.

2. Streamlined Process

The system automates the discovery, notification, and attestation processes, reducing the administrative burden on tenant admins and site/data owners. This allows your team to focus on more strategic initiatives.

3. User-Friendly Interface

Site owners can easily review and attest to their sites using a simple and intuitive interface. This ensures that the attestation process is quick and hassle-free.

4. Powered by Azure.

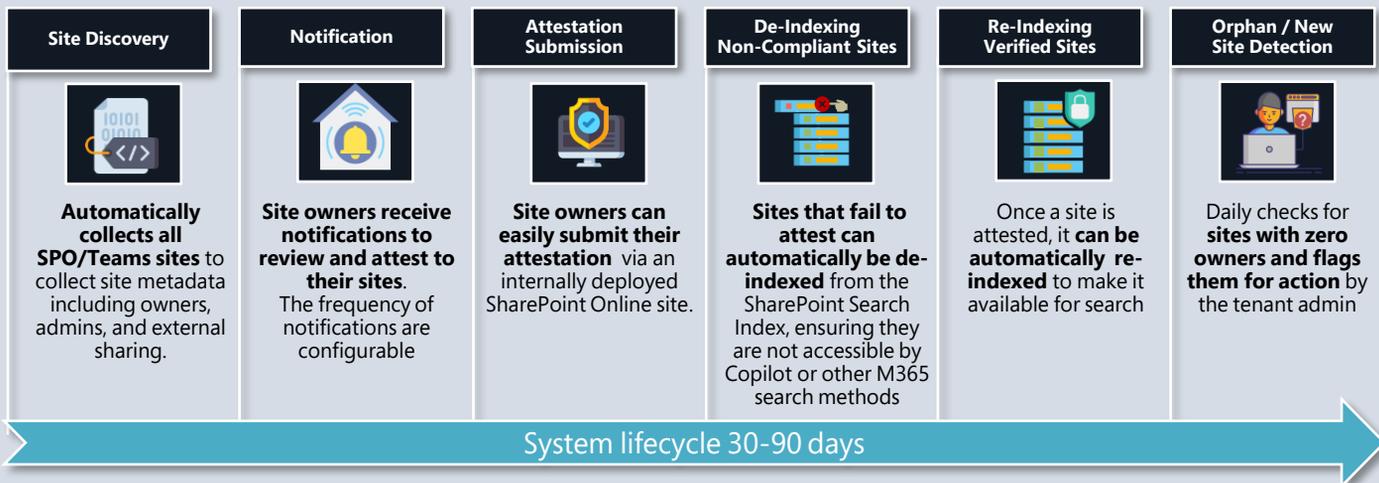
Leverages Azure-hosted services using Microsoft Graph API for secure connectivity with Microsoft 365. Ensures scalability and automation benefits, reducing the need for extensive manual intervention or support.

5. Reporting

SPARK includes a tenant admin portal to monitor progress, giving administrators a clear view of the attestation status across the tenant. This helps in making informed decisions and tracking progress.

SharePoint Attestation and Remediation Kit (SPARK)

How It Works (Overview)



How It Works (Technical Overview)

SPARK is powered by Microsoft Azure services using PowerShell and Graph API, accelerating a low-cost, secure, and automated process for rapid owner notification, attestation and actions.

Core Components	Workflow
<ol style="list-style-type: none"> Discovery Service <i>Powered by Azure Automation</i> - Executes PowerShell scripts and REST-based Graph API calls to handle site discovery, metadata collection, orphaned site and site permissions collection. Storage Service <i>Powered by Azure SQL Database</i> - Stores metadata for each site, including owners, permissions, and attestation status Notification Service <i>Powered by Azure Automation</i> - Manages distribution group building and notification workflows to send email at triggered intervals and deadlines at scale. Attestation Capture Service <i>Powered by SharePoint Online & SPFx WebParts:</i> SPARK Management Portal allows admins to trigger collections and workflows, review progress and approve exclusions. SPARK Attestation Portal allows site owner/admins to review the sites they own, then <i>attest, refuse or request for exemption</i> from the tenant admin/approval team. SPO Actions Service <i>Powered by Azure Automation</i> Executes triggered actions to perform de-indexing/re-indexing of sites to the <i>SharePoint Site Search Index</i>. <i>Attestation state & Site Exemption</i> actions are also executed from this service. 	<ol style="list-style-type: none"> Site Discovery Scheduled Automation Runbooks query all SharePoint Online & Microsoft Teams sites via Graph API/PowerShell and collects metadata for storage and state management in the SPARK Site Collection database. SPARK can be configured to also check for new sites daily. Notification Cycle: Automation Runbooks check the Site Collection database for unattested sites. Each night, automation builds out the distribution group membership and sends emails to site/team owners for action; Reminder intervals are configurable. Attestation Submission: Site owners review and act on their sites/Teams per your policies. Then they access <i>internal</i> SPO site running the SPARK custom SPFx Web Part to submit or refuse attestation. Once status is confirmed, the record is updated in the Site Collection database. De-Indexing Non-Compliant Sites: If sites are refused or miss deadlines, Azure Automation runs to remove site from the SPO site index within 24 hours on (configurable) scheduled intervals. Re-Indexing Verified Sites: Upon attestation, sites are re-indexed automatically within 24 hours. Azure Automation runs to re-enable indexing based on (configurable) scheduled intervals.

Ready to get started? Contact your Microsoft representative for more info