McAfee MVISION Cloud for Microsoft Teams

McAfee® MVISION Cloud for Microsoft Teams helps organizations securely accelerate their business by providing total control over data and user activity in Microsoft Teams

Key Use Cases

Enforce sensitive data policies in Microsoft Teams

Prevent sensitive data that cannot be stored in the cloud from being uploaded to Teams.

Build sharing and collaboration guardrails

Prevent sharing of sensitive or regulated data in Teams with unauthorized parties.

Limit Microsoft Teams activities for users on unmanaged devices and untrusted networks

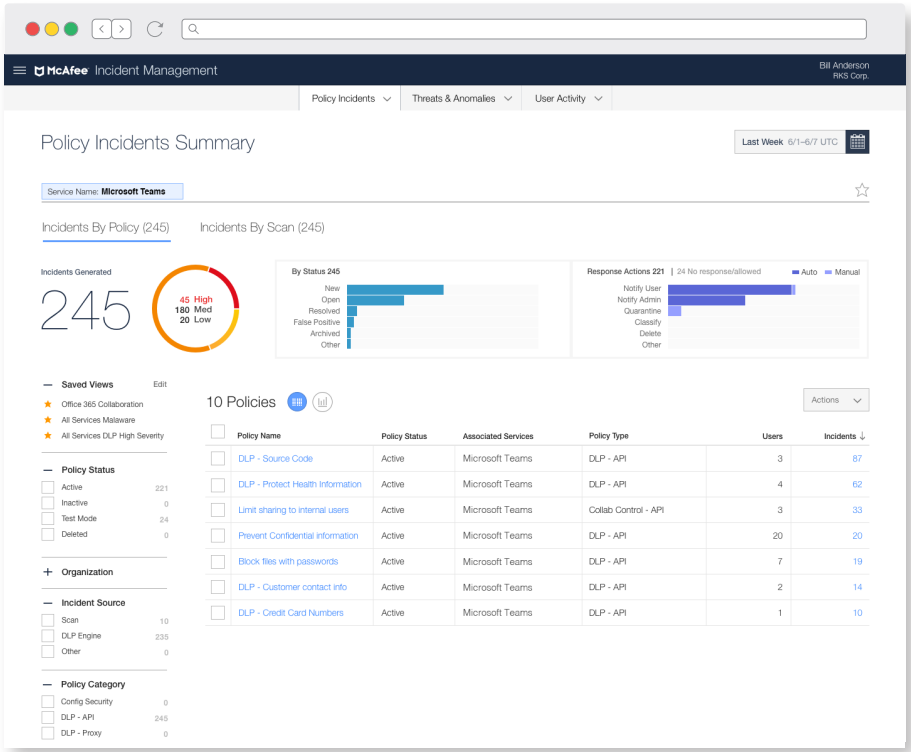
Gain total control over user access to Teams by enforcing context-specific policies limiting end-user actions.

Perform forensic investigations with full context

Capture a complete audit trail of all user activity enriched with threat intelligence to facilitate post- incident forensic investigations.

Detect and correct user threats and malware

Detect threats from compromised accounts, insider threats, privileged access misuse, and malware infection.



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Data Loss Prevention (DLP)

Prevent regulated data from being stored in Microsoft Teams. Leverage McAfee's content analytics engine to discover sensitive data uploaded to Microsoft Teams based on:

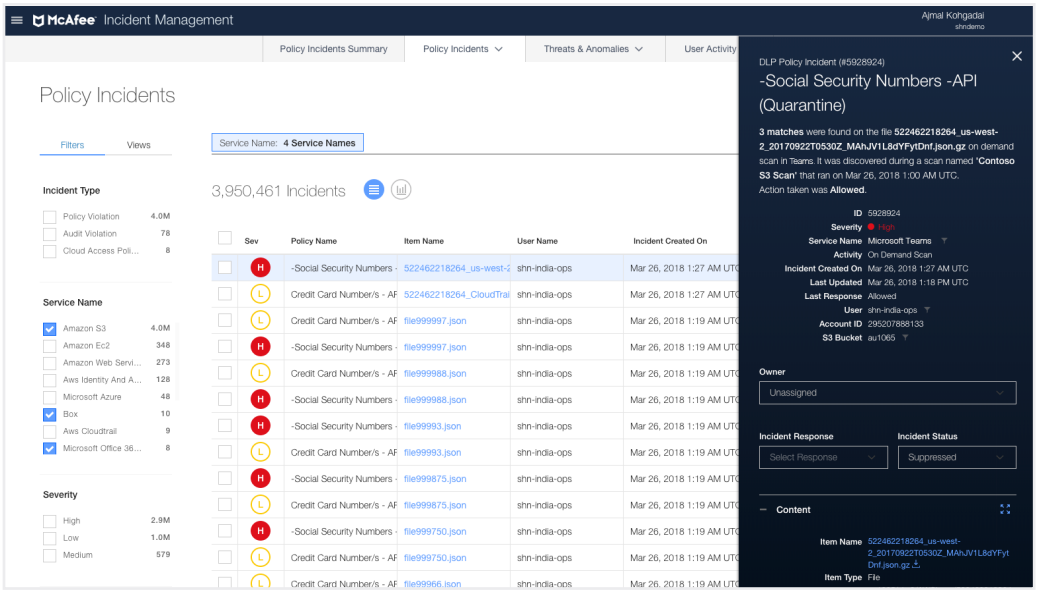
- Keywords and phrases indicative of sensitive or regulated information
- Pre-defined alpha-numeric patterns with validation (e.g. credit card numbers)
- Regular expressions to detect custom alpha-numeric patterns (e.g. part numbers)
- File metadata such as file name, size, and file type
- Fingerprints of unstructured files with exact and partial or derivative match
- Fingerprints of structured databases or other structured data files
- Keyword dictionaries of industry-specific terms (e.g. stock symbols)

"McAfee's Cloud-Native Data Security technology is helping Caesars Entertainment protect our valuable company data as we move from legacy applications to cloud applications."

—Les Ottolenghi, Executive Vice President and CIO, Caesars Entertainment

DLP remediation options:

- Generate Incident
- Notify the end user
- Notify an administrator
- Quarantine the file
- Delete the message/file



Collaboration Control

Prevent sharing of sensitive data with unauthorized parties via Microsoft Teams channels and messages.

McAfee can enforce secure collaboration based on:

Files/folders

- Content
- Internal users/user groups
- Approved business partners
- Personal accounts (e.g. gmail.com)
- Links open to the internet
- Links accessible to internal users

"We use McAfee to layer security controls like data loss prevention and access control so that the easy path to collaboration is also the secure path."

—Tim Tompkins, Executive Director of Security Innovation, Aetna

Common collaboration policies McAfee can enforce in Microsoft Teams:

- Prevent files and messages from being added to any Teams channel that contains external or non-approved users, user groups, business partners or personal email domains
- Prevent file/folder permissions that are open to the internet or the entire company
- Delete sensitive/confidential messages posted in channels with non-approved external users
- Revoke shared links that can be forwarded and accessed by anyone with the link
- Block file/folder sharing with personal email accounts
- Limit file/folder collaboration to internal users or whitelisted business partners
- Remove excessive owner/editor permissions of external users on corporate data

Remediate collaboration policy violations through:

- Deleting sensitive messages shared with external users
- Revoking a shared link
- Downgrading permissions to view/edit
- Removing access permissions
- Notifying the end user in Teams

Access Control

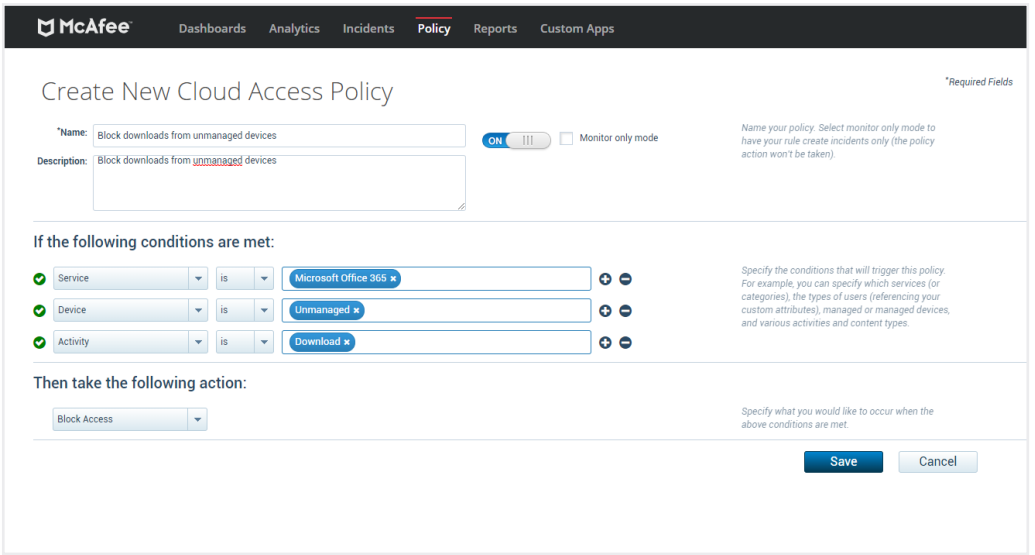
Protect corporate data from unauthorized access by enforcing granular, context-aware access policies such as preventing download from Teams to unmanaged devices.

Control access to Teams based on:

- Device type (e.g. managed, unmanaged)
- Activity type (e.g. download, upload)
- Specific user (e.g. David Carter)
- User attributes (e.g. role, department)
- IP address range (e.g. network, proxy)
- Geographic location (e.g. Ukraine)

Enforce granular access policies such as:

- Allow/block access to Teams
- Allow/block specific Teams user actions
- Force step-up authentication



> "We now have the visibility and control we need to be able to allow access to the cloud-based tools our employees need to be competitive and efficient, without compromising our security standards."
>
> —Rick Hopfer, Chief Information Officer, Molina Healthcare

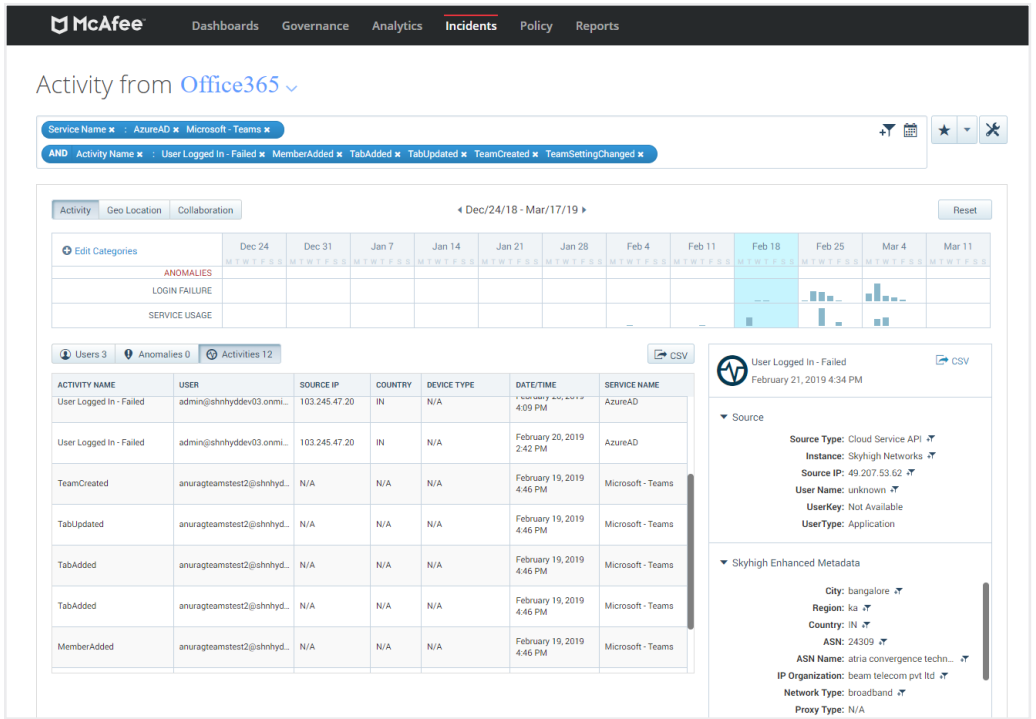
Activity Monitoring

Gain visibility into Microsoft Teams usage and accelerate post- incident forensic investigations by capturing a comprehensive audit trail of all activity. McAfee MVISION Cloud captures hundreds of unique activity types and groups them into 14 categories for streamlined navigation. With MVISION Cloud organizations can monitor:

- Who is accessing Teams, their role, device type, geographic location and IP address
- How much data is being shared, accessed, created or updated, uploaded, downloaded, or deleted
- Successful/failed login attempts
- User account creation/deletion as well as updates to accounts by administrators

Drill down further into activity streams to investigate:

- A specific activity and all its associated users
- All activities generated by a single user
- All activities performed by users accessing via TOR or anonymizing proxy
- All activities generated by a specific source IP address or geographic location
- All access of and actions performed on a file containing sensitive data



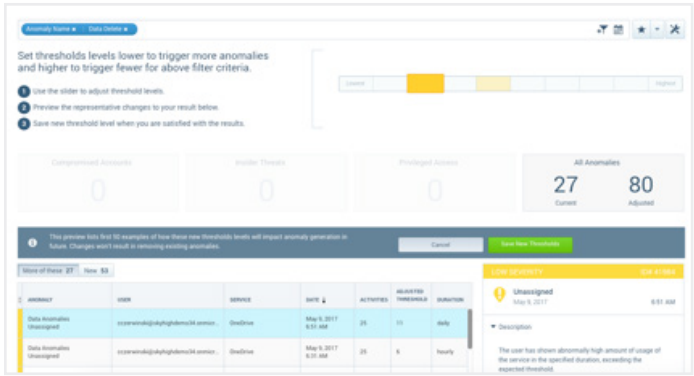
User Behavior Analytics and Malware Detection

McAfee uses data science and machine learning to automatically build models of typical user behavior and identifies behavior that may be indicative of a threat.

- **Insider threats:** Detect anomalous behavior across multiple dimensions including the amount of data uploaded/downloaded, volume of user action, access count, and frequency across time and cloud services.
- **Compromised accounts:** Analyze access attempts to identify impossible cross-region access, brute-force attacks, and suspicious locations indicative of a compromised account.
- **Privileged user threats:** Identify inappropriate user permissions, dormant accounts, and unwarranted escalation of user privileges and provisioning.
- **Malware:** Block known malware signatures, sandbox suspicious files, and identify behavior indicative of malware data exfiltration or ransomware activity.

Supervised Machine Learning

McAfee incorporates security analyst input into machine learning models to improve accuracy. As analysts mark false positives and adjust detection sensitivity, McAfee tunes detection models.



Network Effects

With the largest installed base of any cloud security solution, McAfee leverages network effects other vendors cannot replicate. With more users, behavior models are able to more accurately detect threats.

Unified Policy Engine

McAfee leverages a central policy engine to apply consistent policies to all cloud services. There are three ways to define policies that can be enforced on new and pre-existing content, user activity, and malware threats.

Policy templates

Operationalize Microsoft Teams policy enforcement with pre-built templates based on industry, security use case, and benchmark.

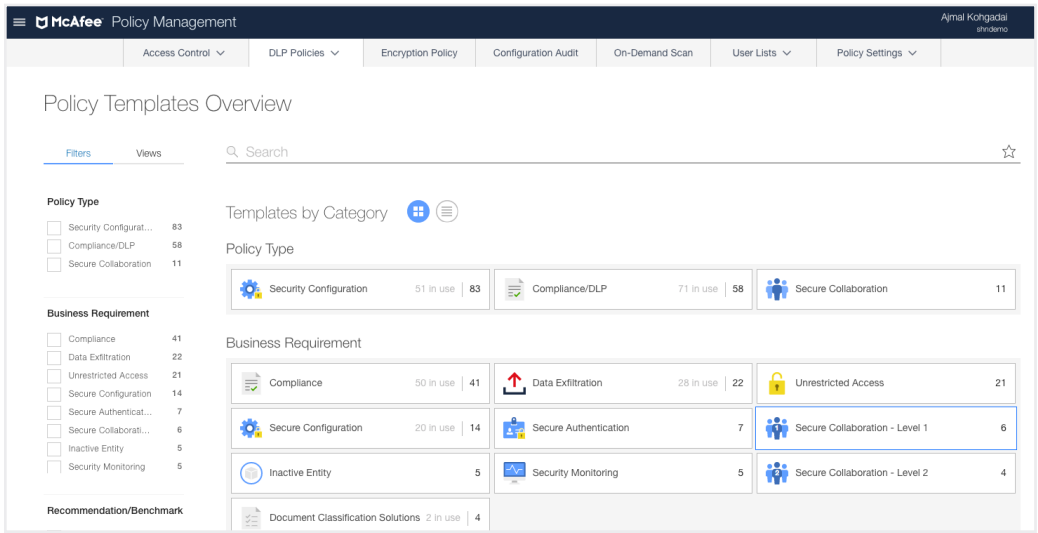
Policy import

Import policies from existing security solutions or policies from other McAfee customers or partners.

Policy creation wizard

Create a custom policy with Boolean logic to conform to any corporate or regulatory requirement.

- Combine DLP, collaboration, and access rules to enforce granular policies
- Flexible policy framework leverages triggers and response actions
- Build policies using Boolean logic and nested rules and rule groups
- Enforce multi-tier remediation based on the severity of the incident
- Selectively target or exclude specific users and define exception rules



"With McAfee we were able to implement cloud security policies without impacting business user productivity."

—Brian Lillie, Chief Information Officer, Equinix

Incident Response Management

McAfee's incident response management console offers a unified interface to triage and resolve incidents. With McAfee, organizations can:

- Identify a single policy and all users violating it
- Analyze all policy violations by a single user
- Review the exact content that triggered a violation
- Rollback an automatic remediation action to restore a file and its permissions

McAfee streamlines incident response through autonomous remediation that:

- Provides end-user coaching and in-app notifications of attempted policy violations
- Enables end users to self-correct the policy violation and resolve the incident alert
- Dramatically reduces manual incident review by security analysts by 97%

Integrations

McAfee MVISION Cloud integrates with your existing security solutions including the leading vendors in:

- Security information and event management (SIEM)
- Secure web gateway (SWG)
- Next-generation firewall (NGFW)
- Identity Access Management (IAM)
- Information rights management (IRM)
- Enterprise mobility management (EMM/MDM)

McAfee
Together is power.

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