

# Most third-party and custom apps blocked

Control ID: M365.8.4.1

## WHAT THIS RUNBOOK COVERS

Block third-party Teams apps



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## Overview

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**\*\*Most third-party and custom apps blocked\*\*** is a **\*\*HIGH\*\*** severity control in the teams domain.

## Compliance Mapping

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This control satisfies requirements across the following frameworks:

Framework	Control Reference
CIS	M365 8.4.1
NIST	CM-10
NIST	CM-7
NIST	CM-7(1)
NIST	CM-7(5)
NIST	SI-7
NIST	SI-7(1)
ISO27001	A.5.32
ISO27001	A.8.19
CSF	DE.CM-3
CSF	PR.DS-6
CSF	PR.IP-1
CSF	PR.PT-3
GDPR	Art.32
SOC2	CC6.1
SOC2	CC7.2
SOC2	CC8.1

## Prerequisites

No specific prerequisites identified.

## What This Control Checks

**\*\*Compliance Test ID:\*\*** `CIS.M365.8.4.1`

## Disruption Risk Assessment

**\*\*Risk Level:\*\*** CRITICAL - Service outage likely without preparation

**What Could Break:**

*Sets DefaultCatalogAppsType to AllowedAppList. If no apps are in the allow list, ALL Teams apps become unavailable to users.*

#### Quick Rollback:

```
Set-CsTeamsAppPermissionPolicy -Identity Global -DefaultCatalogAppsType AllowAll
```

## Remediation Steps

### Option A: Admin Portal (GUI)

1. Sign in to [Microsoft Teams admin center](https://admin.teams.microsoft.com) with Global Administrator or appropriate admin role. 2. Navigate to **\*(See control-specific steps below)\***. 3. Follow the specific configuration steps for this control type. 4. Save your changes and verify the setting was applied.

### Option B: PowerShell / Graph API

```
``powershell # Connect to Microsoft Teams Connect-MicrosoftTeams
```

## Apply the remediation

```
Set-CsTeamsAppPermissionPolicy -Identity Global -DefaultCatalogAppsType BlockedAppList -  
GlobalCatalogAppsType BlockedAppList
```

## Verify the change

```
Get-CsTeamsAppPermissionPolicy | Format-List
```

### <h3 id="option-c-automated-remediation">Option C: Automated Remediation</h3>

This control can be automatically remediated using the Veri-Guard compliance platform:

1. Open your compliance dashboard in the **Veri-Tech Portal**.
2. Navigate to the gap report for this assessment.
3. Select **Auto-Remediate** for control `CIS-M365.8.4.1`.
4. Review the required permissions and approve the remediation.
5. The platform will deploy the fix and confirm the result.

## <h2 id="verification">Verification</h2>

After remediation, verify the control is passing:

1. **Re-run the compliance scan** from the Veri-Tech Portal to confirm the control now passes.
2. **Check the updated gap report** - confirm `CIS-M365.8.4.1` shows status `pass`.

## <h2 id="rollback-procedure">Rollback Procedure</h2>

1. Open the **remediation report** from the Veri-Tech Portal (or the local JSON report if running locally).
2. Find the entry for `CIS-M365.8.4.1` - the `beforeValue` field contains the original state.
3. Use the PowerShell commands in Option B above, substituting the original values.
4. Re-run the compliance scan from the Veri-Tech Portal to confirm the rollback.

## <h2 id="required-permissions">Required Permissions</h2>

**Teams App Permission Policies**

Permission	Scope	Purpose	Data Accessed
Read (scan)	`Teams Administrator role (cert-based app-only auth)`	Read app permission policies	
Write (remediate)	`Teams Administrator role (cert-based app-only auth)`	Restrict app catalog	

Both permissions require **admin consent** (cannot be user-consented).

**Microsoft permission references:**

- [Teams Administrator role (cert-based app-only auth)]()
- [Teams Administrator role (cert-based app-only auth)]()

## <h2 id="references">References</h2>

- [Microsoft Teams administration](https://learn.microsoft.com/en-us/microsoftteams/teams-overview)
- [Manage app permission policies in Teams](https://learn.microsoft.com/en-us/microsoftteams/teams-apps/permissions)
- [Manage Teams apps overview](https://learn.microsoft.com/en-us/microsoftteams/manage-apps)

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