

# TagOps - Tool

## Automated Azure Tag Governance & Recovery Platform

Control. Comply. Recover – Azure tagging made safe and simple.

### Problem Statement

Organizations struggle with inconsistent or missing Azure tags, lack of visibility into tagging compliance, and absence of rollback mechanisms when tags are modified or deleted. These challenges create high operational risk during bulk tagging activities. Poor tagging practices lead to **cost leakage, governance gaps, and audit risks** that impact the bottom line and regulatory compliance.

### Solution Overview

TagOps is a snapshot-first Azure Tag Governance tool that provides full visibility, controlled automation, and instant recovery for Azure resource tagging – all from a single platform. Designed with enterprise security in mind, TagOps empowers FinOps, Cloud Operations, and Security teams to maintain tagging excellence without compromising on safety or control.

## Key Capabilities



### Subscription Snapshot Engine

Capture full tag snapshots of all Resource Groups and Resources across your Azure subscriptions. Create point-in-time backups that serve as your safety net before any tagging operations. Automated scheduling ensures continuous protection.



### Excel-Driven Tag Management

Export Resource Groups, update tags in familiar Excel format, preview changes before applying, and deploy safely with confidence. This workflow reduces errors and accelerates bulk tagging operations whilst maintaining control.



### One-Click Restore

Restore tags from any historical snapshot with confidence. Eliminate the fear of making mistakes during tagging operations. Rollback capability transforms tag management from risky to reliable.



### Compliance Dashboard

View tag coverage, identify missing tags, and monitor compliance percentage across your entire Azure estate. Real-time analytics provide actionable insights into your tagging posture, enabling data-driven governance decisions.



### Kill Switch (Emergency Control)

Instantly remove all tags across the subscription when needed. This emergency feature provides rapid response capability during security incidents or compliance violations, ensuring immediate risk mitigation.



### Secure Credential Vault

Encrypted storage of Tenant ID, Client ID, Secret, and Subscription ID ensures credentials remain protected. Enterprise-grade security standards safeguard your Azure access whilst enabling seamless automation.



## Why TagOps is Different

- Snapshot-first architecture** – Safety before automation, ensuring every change can be reversed
- Full rollback & recovery support** – Restore to any previous state with a single click
- No agent installation required** – Deploy quickly without modifying your Azure infrastructure
- Works with Service Principals or Managed Identity** – Flexible authentication options for diverse enterprise environments
- Designed for FinOps, Cloud Ops, and Security teams** – Purpose-built for the workflows that matter most

## Deployment Model

Container-based application that runs locally via Docker or in Azure environments

No external database required – Self-contained and lightweight architecture

Secure, lightweight, and enterprise-ready with rapid deployment capabilities

### Ideal For

- Azure Cloud Architects managing complex multi-subscription environments
- FinOps & Cost Optimisation Teams driving financial accountability
- Cloud Governance & Security Teams enforcing policy compliance
- Enterprises managing multiple Azure subscriptions at scale

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