**PROJECT**

**Full Microsoft 365 + Intune Environment for a New Company**

This project started as a simple challenge: to build a complete, enterprise‑grade Microsoft 365 environment from scratch. What began as a small experiment quickly evolved into a fully functioning modern workplace ecosystem that mirrors how real organisations manage identity, devices, security, and collaboration.

I designed the core foundation in Entra ID, created users and departments, and built Teams, SharePoint, and Microsoft 365 Groups using scalable, best‑practice structures. From there, I moved into device management—enrolling Windows devices into Intune, applying compliance and configuration policies, deploying apps, and transforming fresh machines into secure, fully managed workstations.

The project came to life through real IT workflows. I built an end‑to‑end onboarding process that provisions accounts, licenses, Teams access, apps, and devices, as well as an offboarding workflow that locks accounts, preserves data, wipes devices, and transitions resources safely. Along the way, I solved real‑world issues like enrollment failures, licensing conflicts, and sync errors, documenting each fix as part of the learning process.

By the end, I had created more than a lab—I built a secure, organised, automated digital workplace. This project reflects my ability to think like an IT administrator and deliver systems that are reliable, scalable, and user‑friendly. It’s a hands‑on journey of learning, problem‑solving, and building something meaningful from the ground up.

**Scenario**

You’ve been hired as the IT Support Technician for a fictional company called:

**Suraj365lab Solutions**

Your job is to design and implement:

* Microsoft 365 identity
* Security groups
* Email system
* Teams’ collaboration
* SharePoint sites
* Intune device management
* Security policies
* Onboarding & offboarding workflows

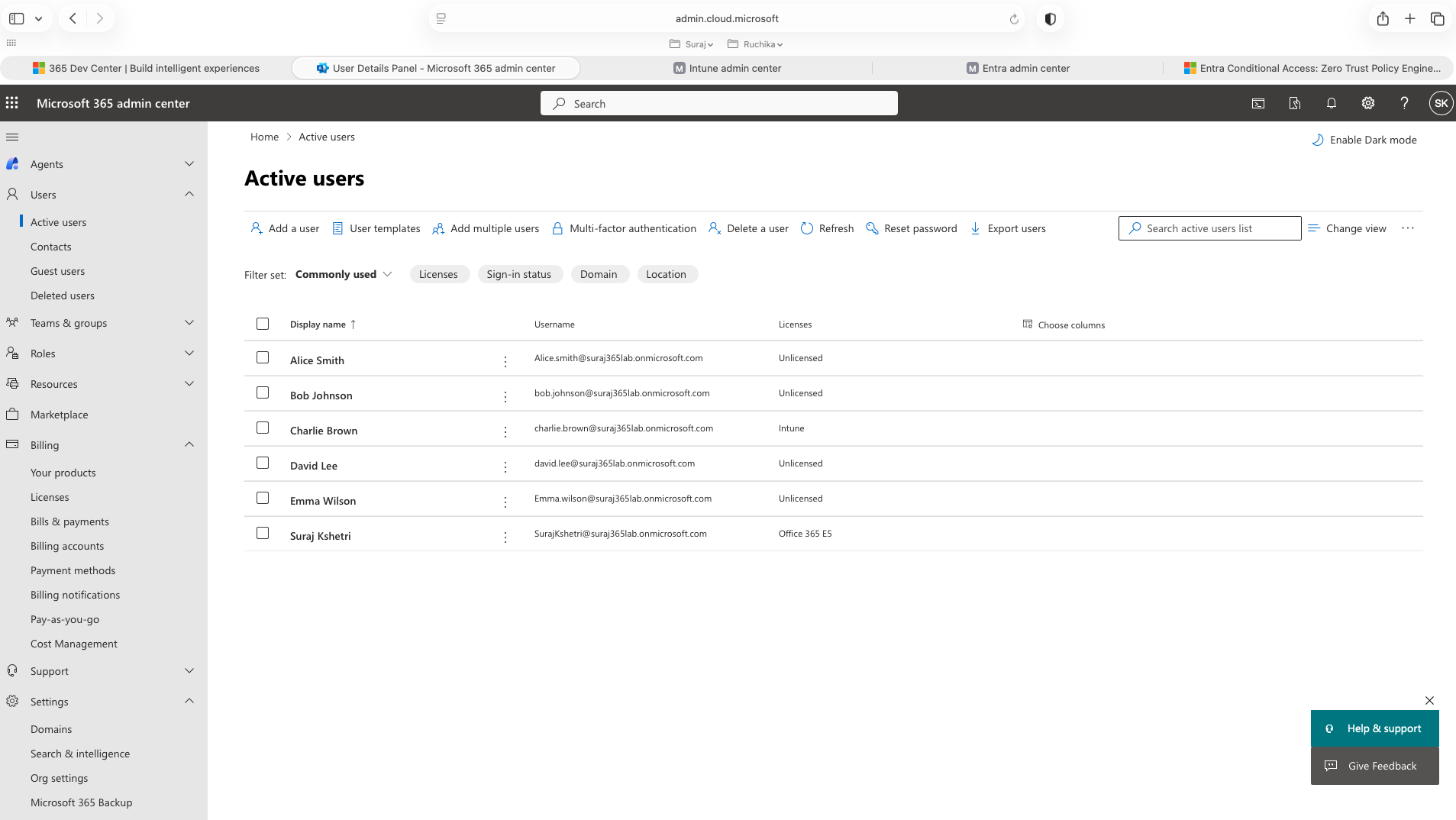
**Project Objectives**

* Build a complete Microsoft 365 tenant
* Create users, groups, and roles
* Configure MFA & Conditional Access
* Deploy Intune and enroll devices
* Create compliance & configuration policies
* Deploy apps to devices
* Build SharePoint sites
* Configure Teams
* Simulate onboarding & offboarding
* Document everything like a real IT technician

**PHASE 1 — Identity & Access (Entra ID)**

**Task 1: Create Users**

Create these users:

****

**Task 2: Create Security Groups**

Create:

* All‑Users
* HR‑Team
* Sales‑Team
* IT‑Support
* Intune‑Windows‑Devices
* Intune‑macOS‑Devices

A screenshot of a computer

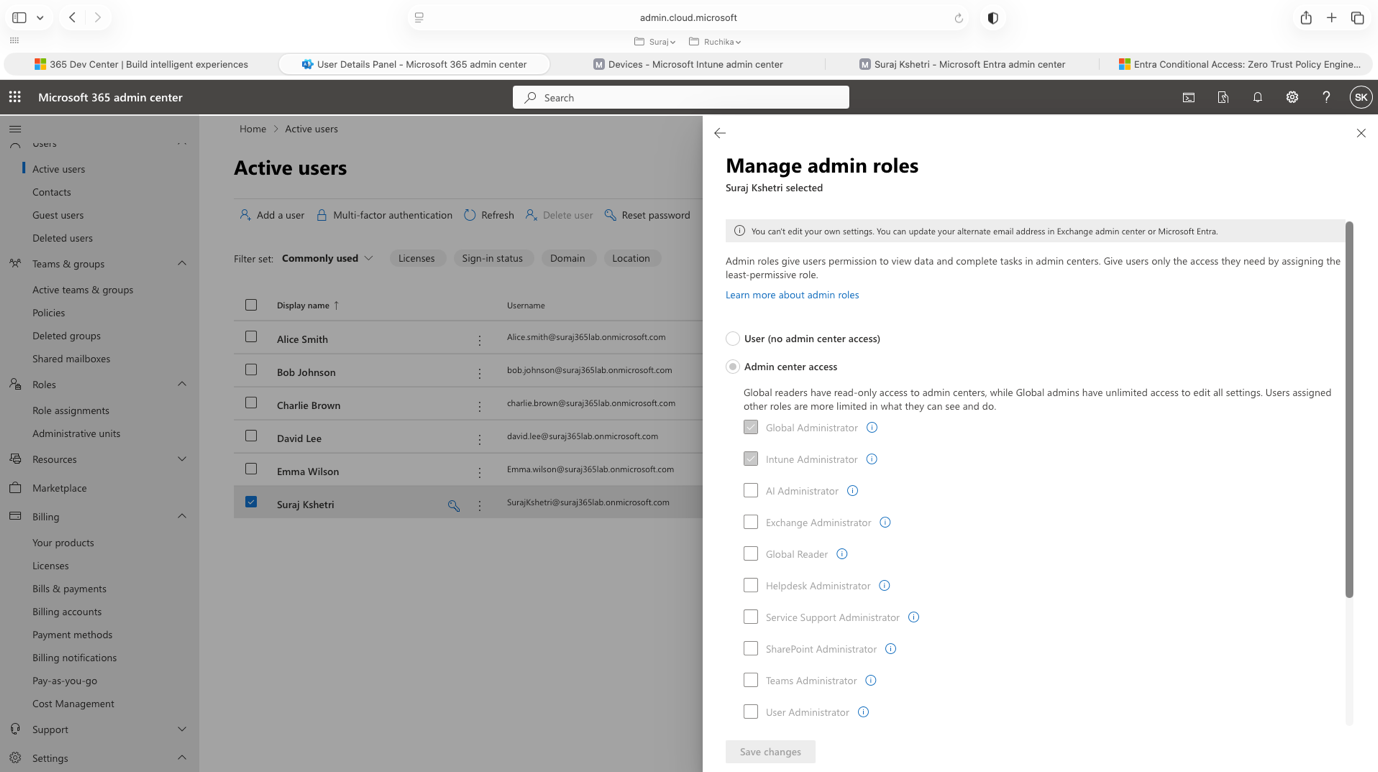
AI-generated content may be incorrect.

**Task 3: Assign Roles**

* Make **Charlie Brown** → Helpdesk Admin
* Make **your admin account** → Global Admin + Intune Admin

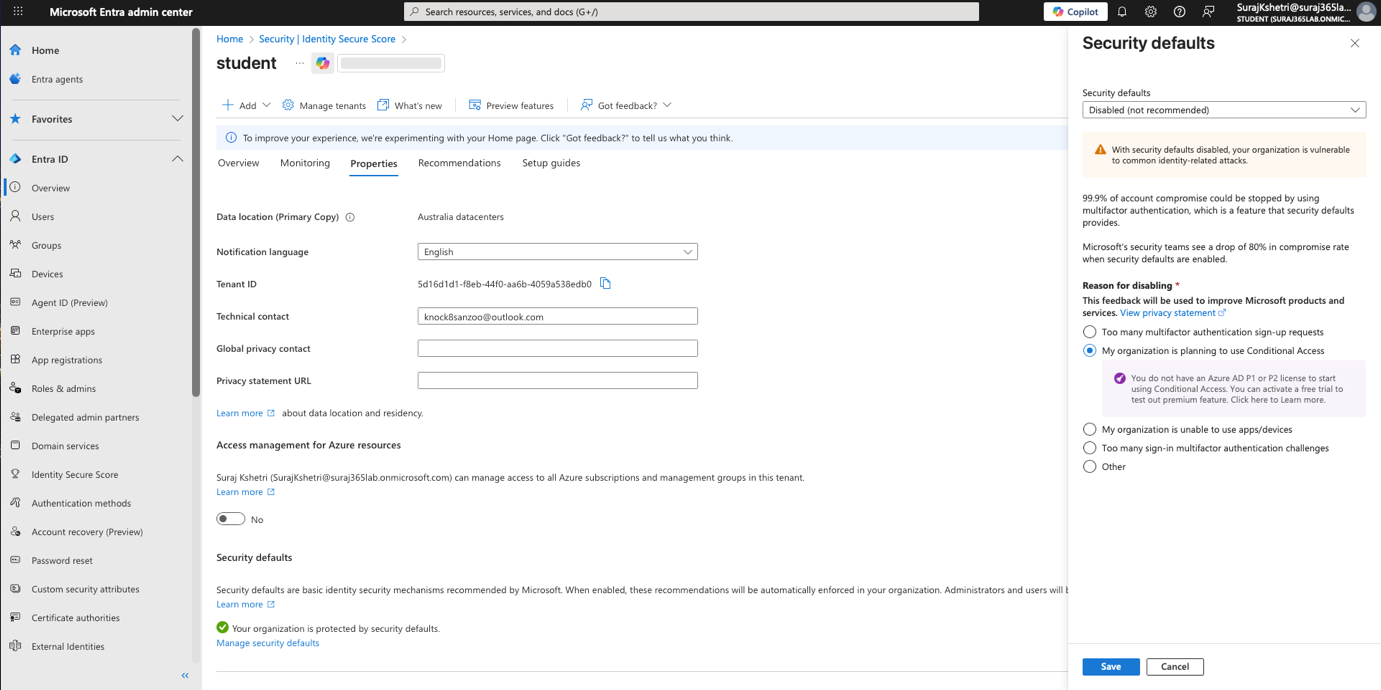
A screenshot of a computer

AI-generated content may be incorrect.



**Task 4: Enable MFA**

Enable MFA for all users.



**Task 5: Create Conditional Access Policies**

* Require MFA for all users

A screenshot of a computer

AI-generated content may be incorrect.

* Block legacy authentication
* Require compliant device for Exchange Online

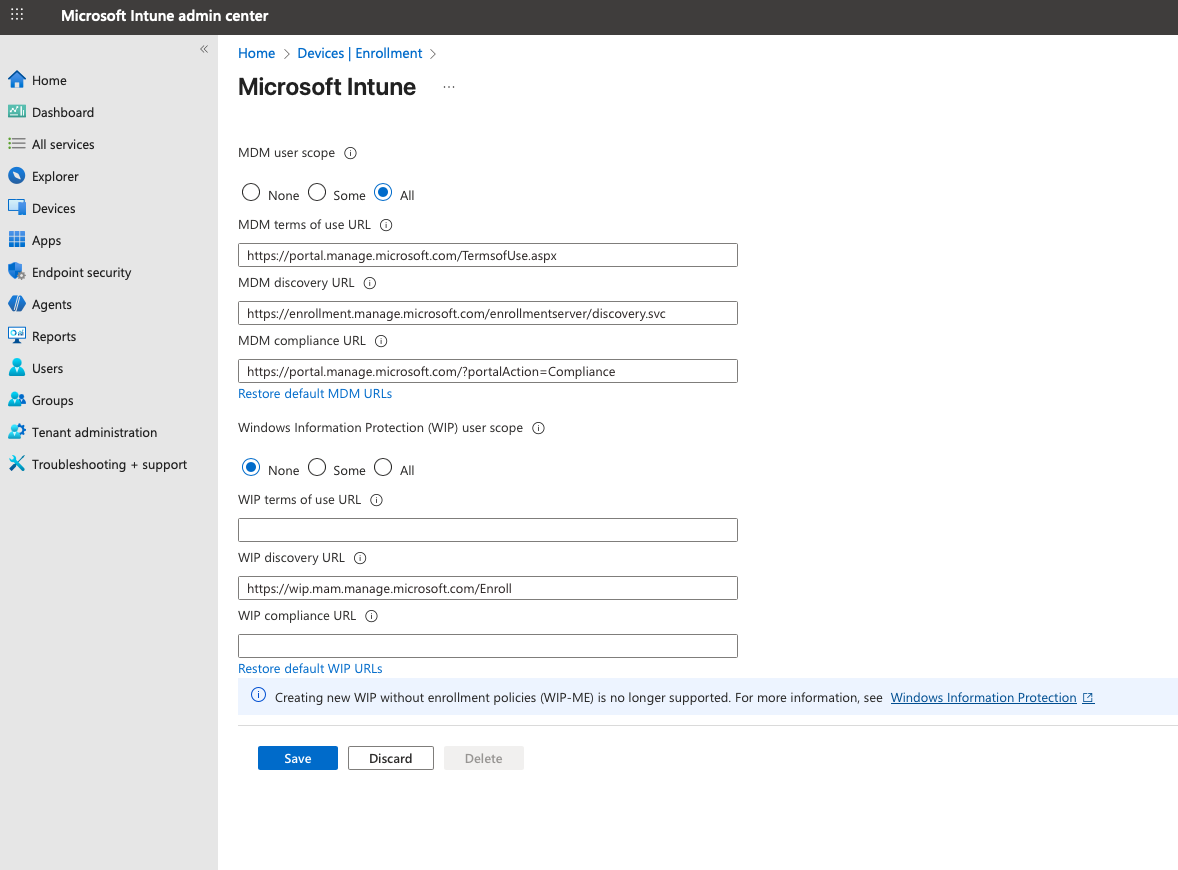
A screenshot of a computer

AI-generated content may be incorrect.

**PHASE 2 — Intune Device Management**

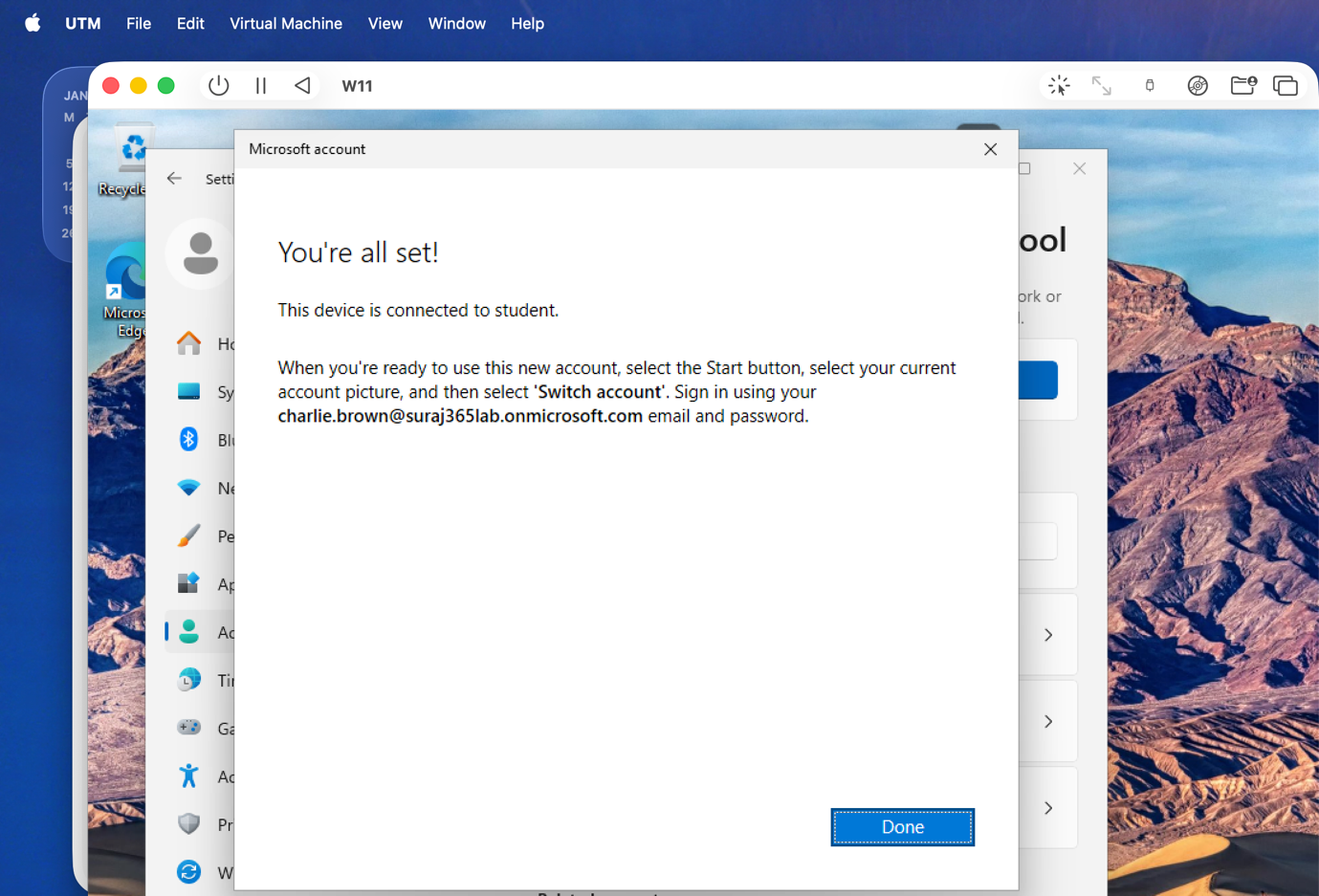
**Task 6: Configure MDM Enrolment**

* Enable MDM auto‑enrolment
* Set MDM scope → All users



**Task 7: Enroll Devices**

* One Windows11 VM



A screenshot of a computer

AI-generated content may be incorrect.

A blurry image of a computer screen

AI-generated content may be incorrect.

**Task 8: Create Compliance Policies**

Windows compliance policy:

* Require BitLocker
* Require password
* Require firewall
* Require secure boot

A screenshot of a computer

AI-generated content may be incorrect.

Assign to: **Intune‑Windows‑Devices**

**Task 9: Create Configuration Profiles**

* Disable USB storage
* Set lock screen timeout
* Configure password rules
* Enable BitLocker

A screenshot of a computer

AI-generated content may be incorrect.

**Task 10: Deploy Apps**

* Microsoft Edge
* Office 365

A screenshot of a computer

AI-generated content may be incorrect.

**PHASE 3 — Exchange Online (Email System)**

**Task 11: Create Shared Mailboxes**

* [support@suraj365lab.onmicrosoft.com](mailto:support@skytech.onmicrosoft.com)

A close-up of a phone

AI-generated content may be incorrect.

* [hr@suraj365lab.onmicrosoft.com](mailto:hr@skytech.onmicrosoft.com)

A close-up of a computer screen

AI-generated content may be incorrect.

Assign permissions:

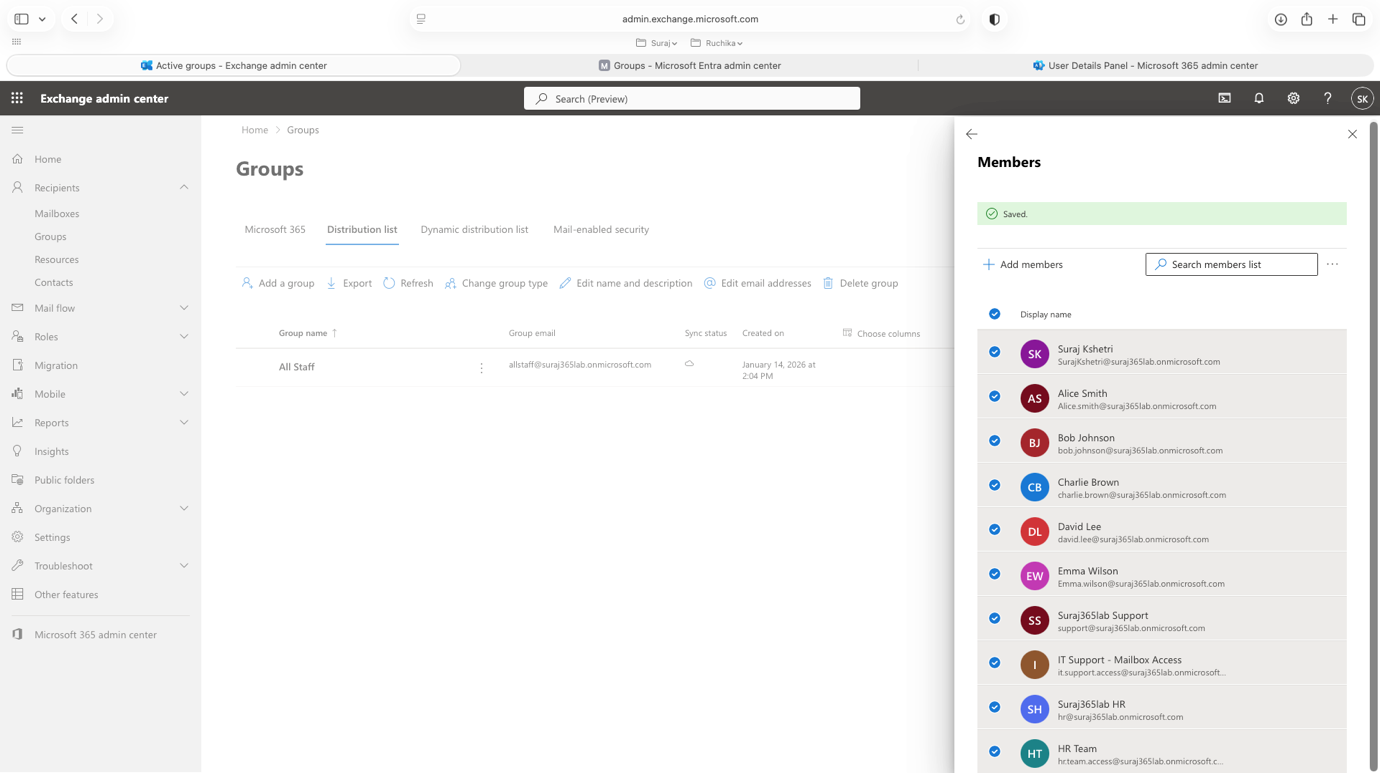
* IT Support → Support mailbox
* HR Team → HR mailbox

**Task 12: Create Distribution Lists**

* All Staff
* Sales Team
* HR Team

A screenshot of a computer

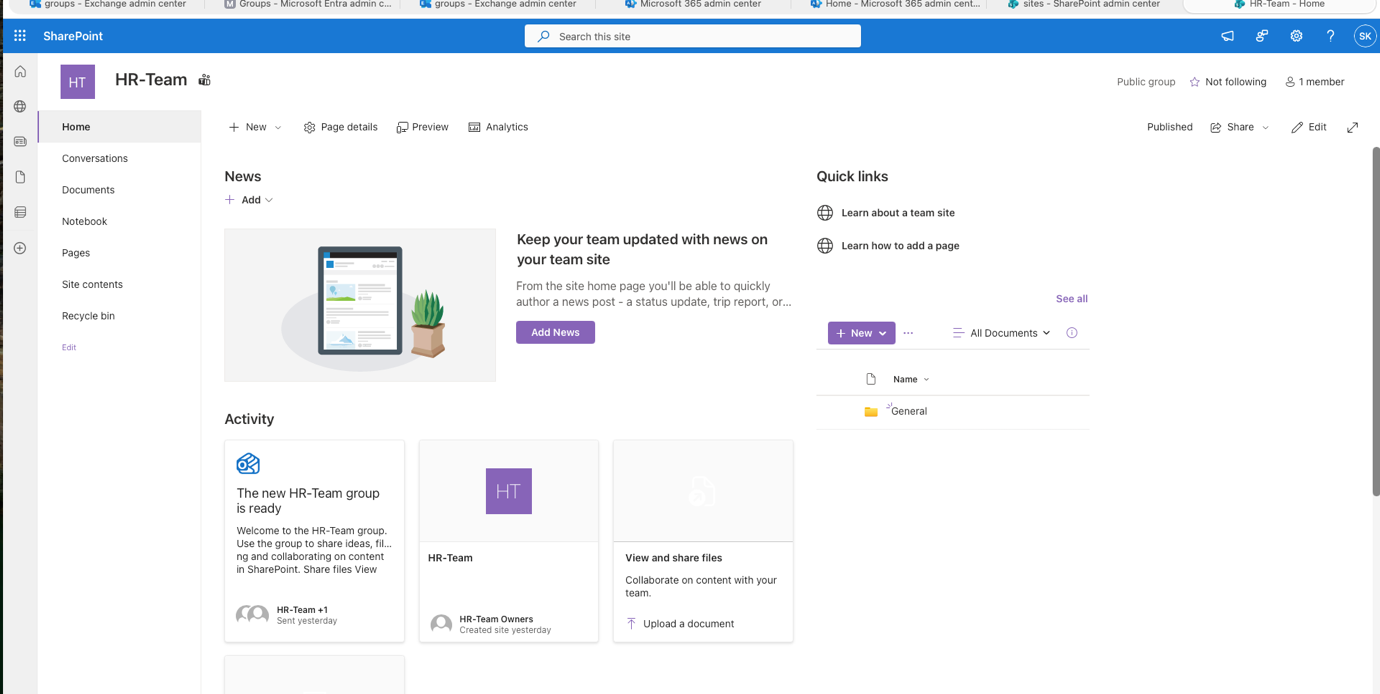
AI-generated content may be incorrect.



**PHASE 4 — SharePoint & OneDrive**

**Task 13: Create SharePoint Sites**

* HR Site

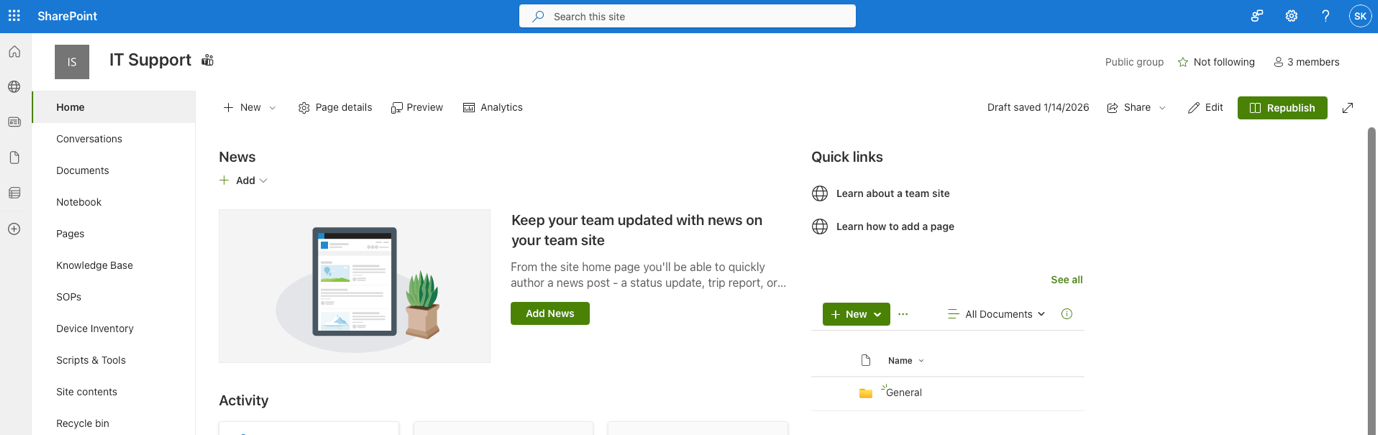


* Sales Site

A screenshot of a computer

AI-generated content may be incorrect.

* IT Support Site



Configure:

* Permissions

A screenshot of a computer

AI-generated content may be incorrect.

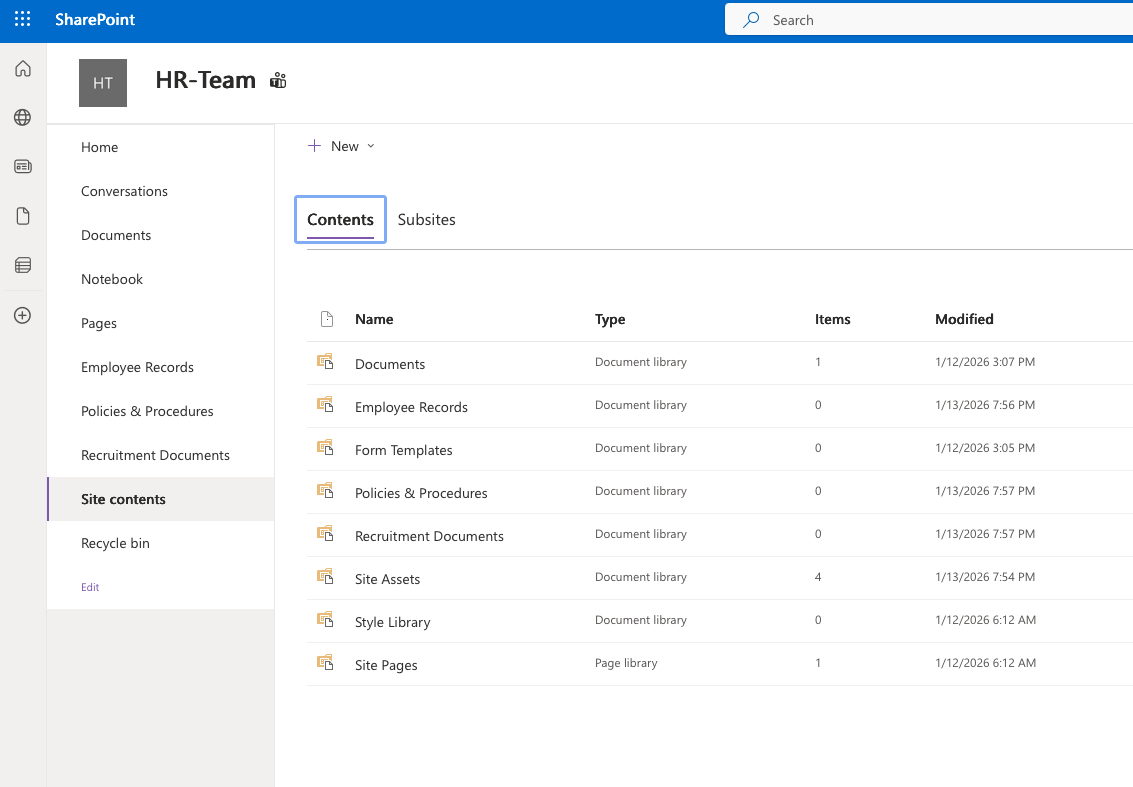
A screenshot of a computer

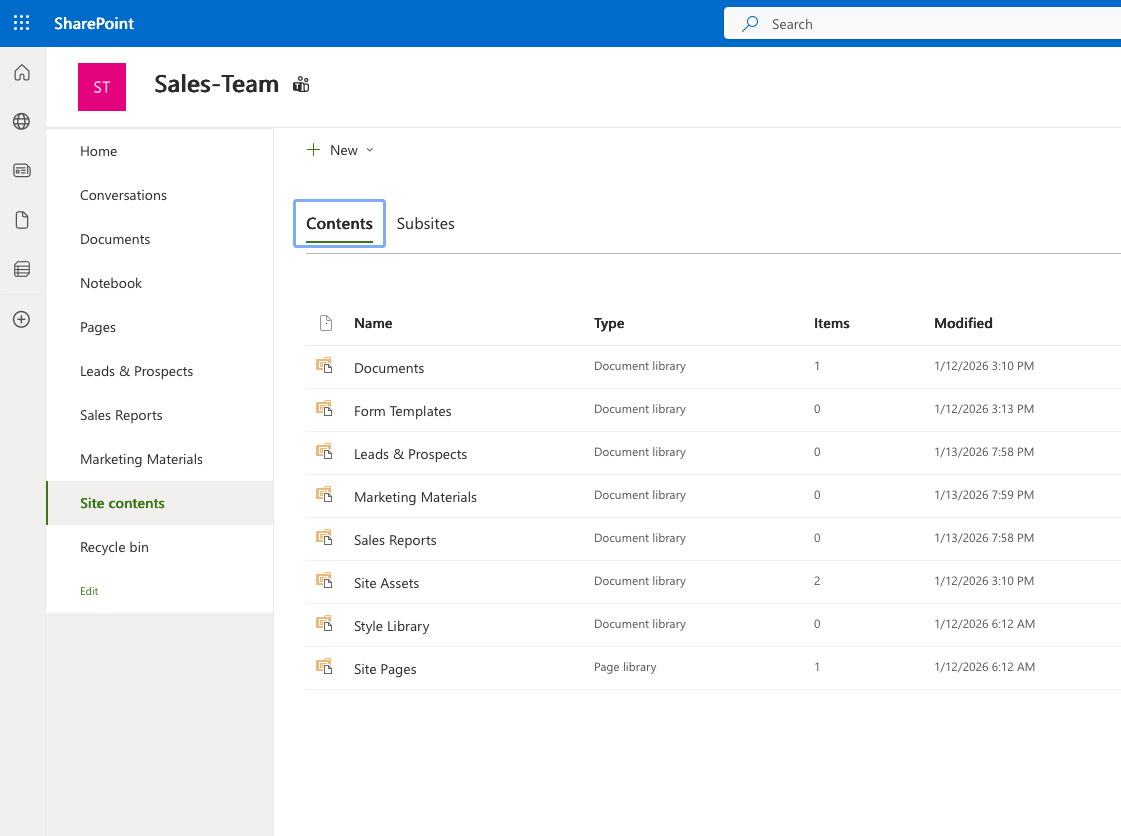
AI-generated content may be incorrect.

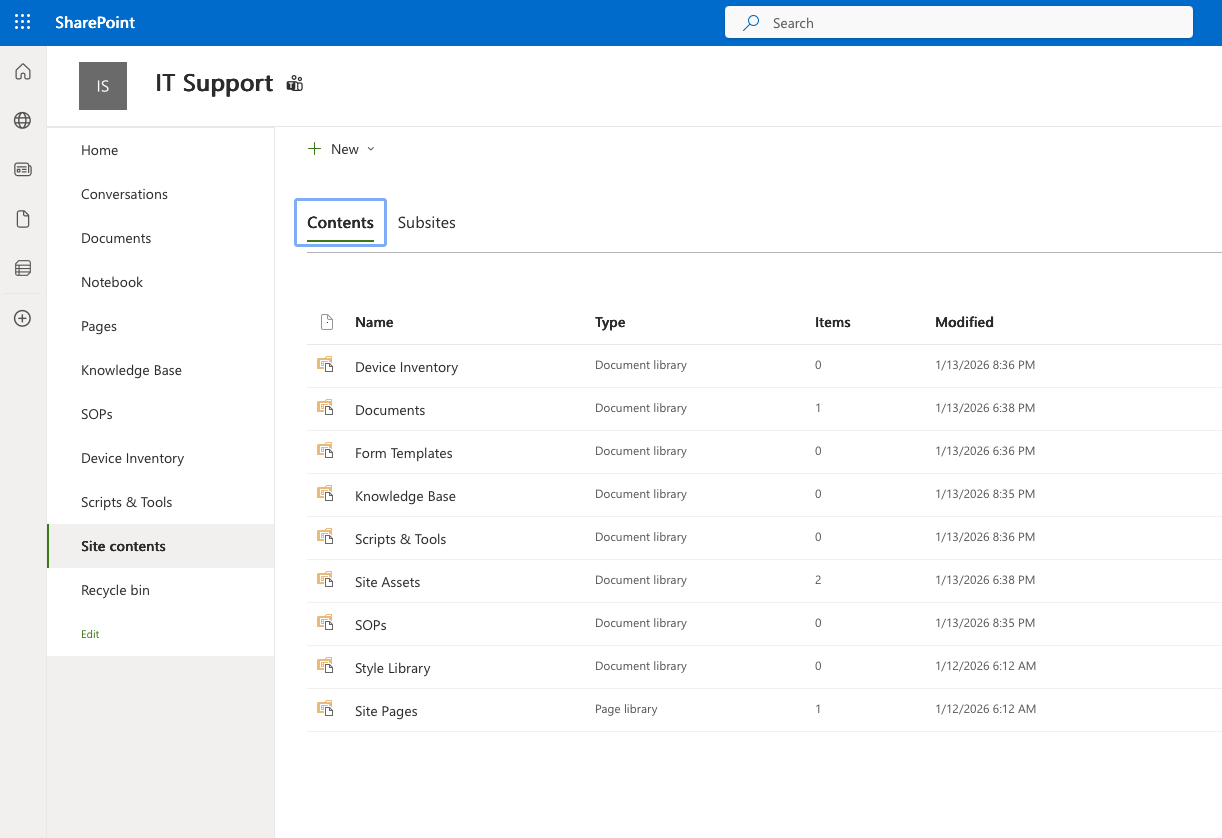
A screenshot of a computer

AI-generated content may be incorrect.

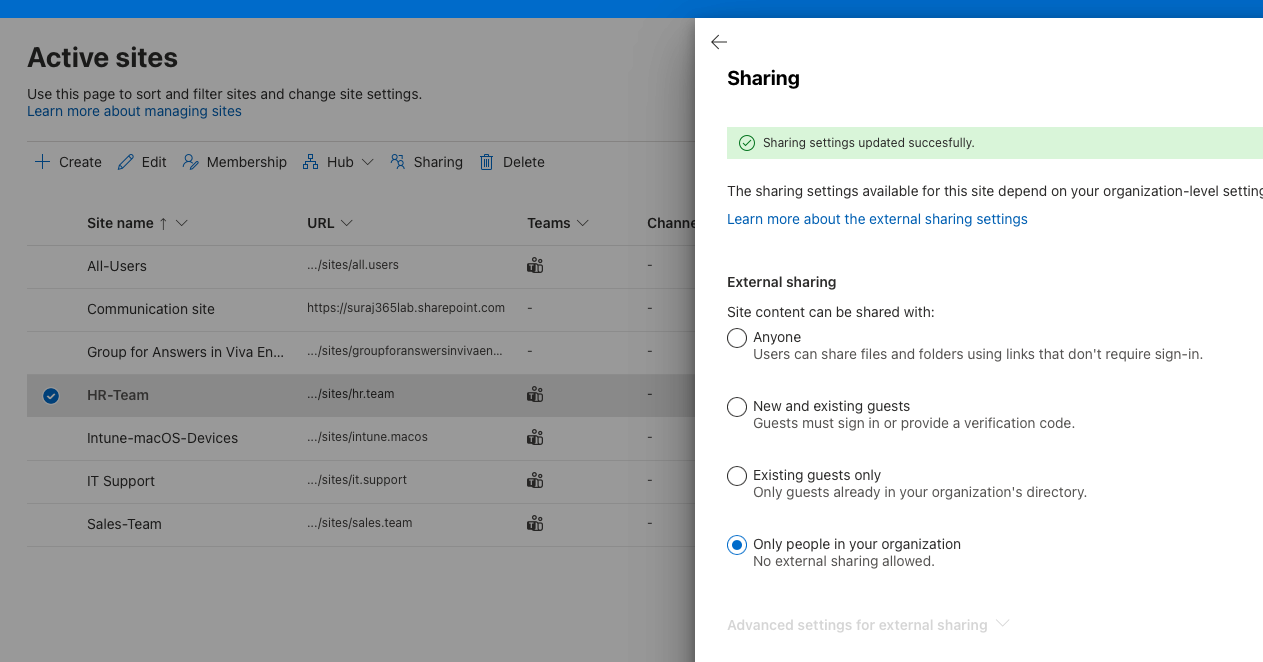
* Document libraries

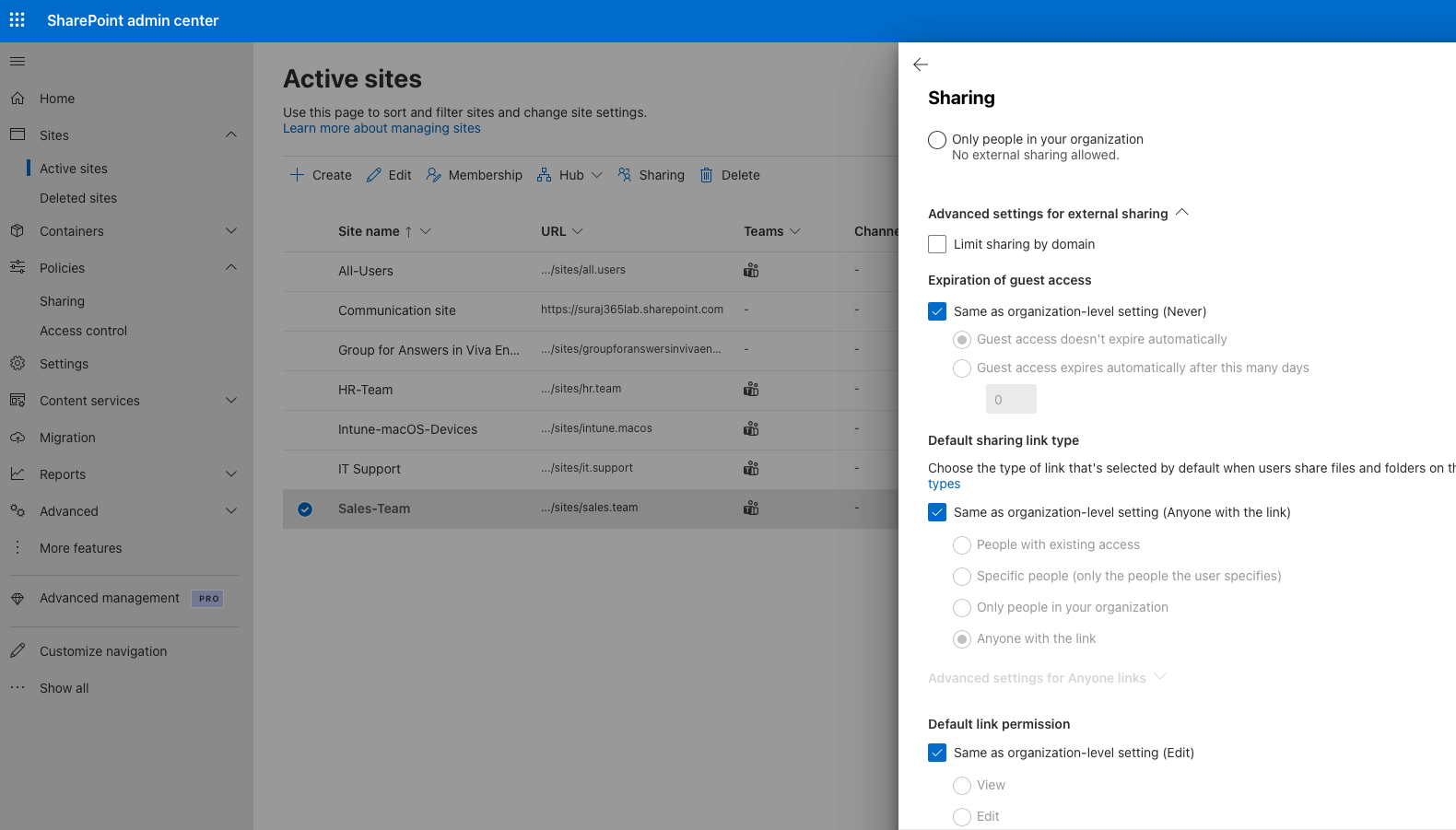


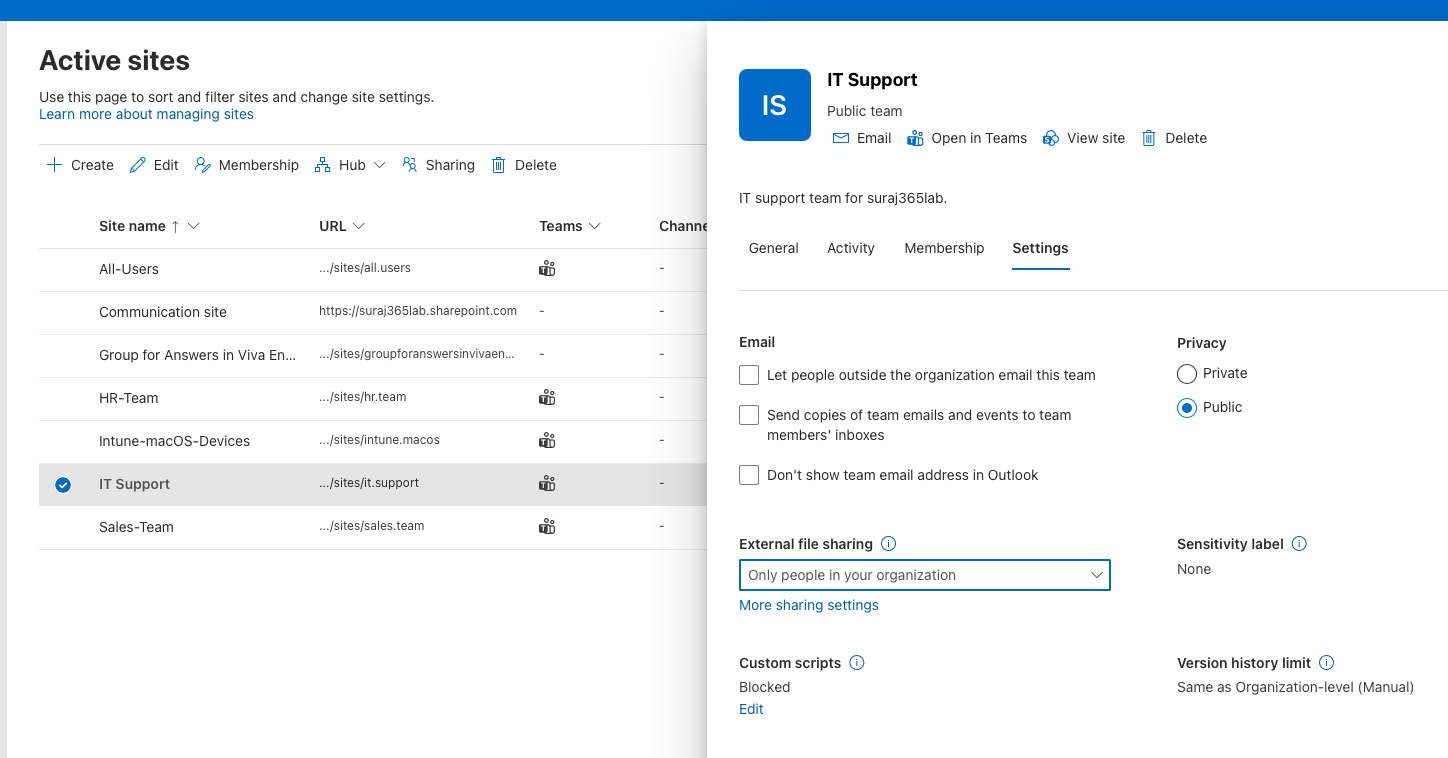




* Sharing settings







**PHASE 5 — Teams Collaboration**

**Task 14: Create Teams**

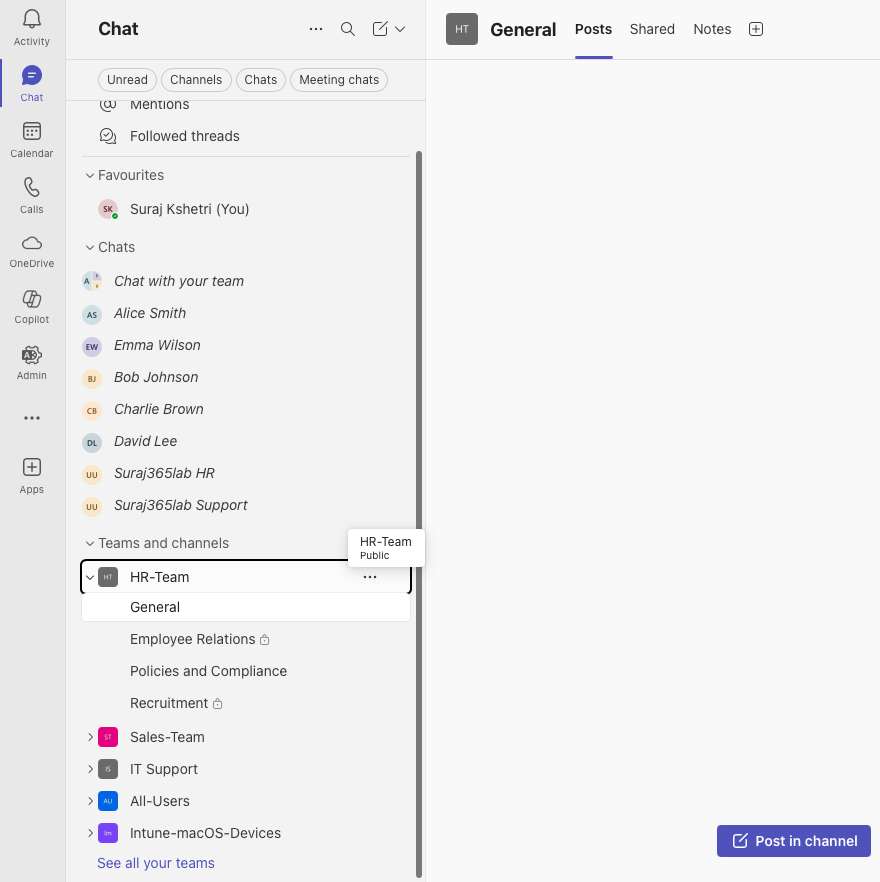
* HR Team
* Sales Team
* IT Support Team

A screenshot of a computer

AI-generated content may be incorrect.

Add:

* Channels
* Members
* Owners



A screenshot of a chat

AI-generated content may be incorrect.

A screenshot of a chat

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**PHASE 6 — Security & Compliance**

**Task 15: Create Sensitivity Labels**

* Public
* Internal
* Confidential

A screenshot of a computer

AI-generated content may be incorrect.

Apply to:

* Emails



* Documents

A screenshot of a computer

AI-generated content may be incorrect.

**PHASE 7 — Real IT Support Scenarios**

**Scenario 1 — Onboarding**

For a new employee:

* Create user

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

* Assign licenses

A screenshot of a computer

AI-generated content may be incorrect.

* Add to groups

A screenshot of a computer

AI-generated content may be incorrect.

* Configure mailbox

A screenshot of a email

AI-generated content may be incorrect.

* Add to Teams

A screenshot of a computer

AI-generated content may be incorrect.

* Enroll device

A screenshot of a computer

AI-generated content may be incorrect.

**Scenario 2 — Offboarding**

For a leaving employee:

* Block sign‑in

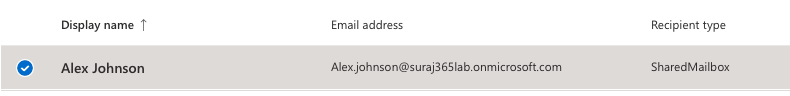
A close-up of a message

AI-generated content may be incorrect.

* Reset password

A white background with black text

AI-generated content may be incorrect.

* Convert mailbox to shared
* 

A screenshot of a mailbox deletition

AI-generated content may be incorrect.

* Remove licenses

A screenshot of a computer

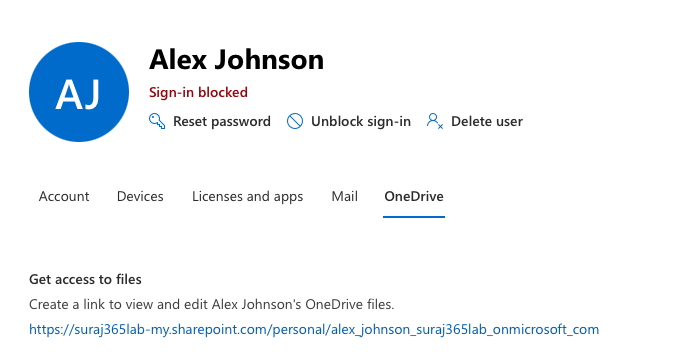
AI-generated content may be incorrect.

* Wipe device

A screenshot of a computer

AI-generated content may be incorrect.

Archive data



END