

# AD Navigation Tab — Standard Operating Procedure (SOP)

*For Organizational Stakeholders, Security Leadership, and Systems Integrators*

## Purpose

The AD Navigation tab provides a **forensic-grade, read-and-manage interface** for exploring Active Directory structures with precision. It replaces the fragmented experience of ADUC, ADSI Edit, and PowerShell queries with a unified, real-time directory explorer that surfaces object attributes, relationships, and operational context instantly.

This module is designed for organizations that require **visibility, accountability, and operational clarity** across their identity infrastructure.

## Capabilities Overview

### Directory Tree Navigation

- **Domain-wide visibility** into users, groups, computers, OUs, and containers.
- **Instant expansion** of nodes without delays or MMC refresh cycles.
- **Accurate hierarchical representation** of the AD forest structure.

### Object Summary Panel

- Displays essential identity metadata:
  - Object type
  - Display name
  - SAM account name
  - Distinguished Name
  - UPN (if applicable)
- Provides a **single-pane snapshot** of the selected object.

### Attribute Viewer

- Shows **all AD attributes** for the selected object:
  - Standard attributes
  - Extended attributes
  - Multi-value attributes
  - Operational attributes

- Values are displayed in a clean, readable format without requiring ADSI Edit.

## Group Membership & Relationships

- For users:
  - Direct group memberships
  - Nested group memberships
  - Token SIDs
- For groups:
  - Member list
  - Group scope and type
- For OUs:
  - Child objects
  - Structural relationships

## Real-Time Refresh

- After changes (move, rename, delete), the tree:
  - **Auto-refreshes**
  - **Re-expands** to the previous location
  - **Re-selects** the last object

This behavior mirrors ADUC but with greater stability and clarity.

## Operational Workflow

### 1. Navigate the Directory Tree

Operators expand the domain node and browse through:

- Organizational Units
- Containers
- Users
- Groups
- Computers

The tree is optimized for speed and clarity, even in large environments.

### 2. Select an Object

Upon selection, RDAM loads:

- Object summary
- Attribute list
- Membership details
- Operational metadata

This eliminates the need for multiple consoles or PowerShell queries.

### **3. Perform Actions (If Enabled)**

Depending on configuration, operators may:

- Open properties
- Move the object
- Rename the object
- Delete the object
- View history (if available)

All actions are logged for audit and compliance.

### **4. Review Attributes**

Attributes are displayed in a structured, readable format:

- Single-value attributes
- Multi-value attributes
- System attributes
- Timestamps
- Distinguished Names

This provides deep visibility without exposing operators to ADSI Edit's risk surface.

## **Organizational Benefits**

### **For ISSMs & ISSOs**

- **Full visibility** into identity structures and object attributes.
- **Audit-ready transparency** for identity governance controls.
- **Reduced risk** by eliminating direct ADSI Edit usage.

### **For CIOs & IT Directors**

- **Operational efficiency** through a unified directory explorer.
- **Reduced training burden** for new administrators.

- **Improved accuracy** in identity operations.

### **For System Integrators**

- **Accelerated onboarding** into unfamiliar AD environments.
- **Consistent workflows** across client infrastructures.
- **Reduced troubleshooting time** through attribute-level visibility.

### **For Security & Incident Response Teams**

- **Immediate access** to identity attributes and group memberships.
- **Faster investigations** into privilege escalation or misconfiguration.
- **Clear lineage** of object placement and relationships.

## **Summary**

The AD Navigation tab transforms Active Directory exploration into a **fast, intuitive, and secure** experience. It provides the visibility and control required by modern enterprises while eliminating the complexity and risk associated with legacy tools. For organizations evaluating RDAM, this module demonstrates the platform's commitment to **clarity, governance, and operational excellence**.