# MaxSuite – App Conflict Resolution Matrix

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Module ID: CTO-T4

Document Type: Execution Conflict Handling

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## 1. Purpose

This document defines how MaxSuite resolves runtime conflicts between multiple policy, role, or app-layer triggers when executing open-source applications under capsule governance.

## 2. Conflict Resolution Matrix

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| Conflict Scenario | Resolution Rule | Precedence | Escalation Trigger |
| Multiple roles claim access | Apply policy with narrowest scope | Policy Scope | RoleMismatchAudit |
| App requests external network | Block unless explicitly defined in capsule | Capsule Boundary | NetworkPolicyBreach |
| Simultaneous file access via two capsules | Grant to first policy-valid capsule; freeze second | Execution Order | FileLockConflict |
| UI attempts policy-restricted action | Block and audit via MaxAudit | Policy Enforcement | UIBypassAttempt |
| Expired override used at runtime | Block execution and notify MaxGovernance | Policy Validity | OverrideExpiryBreach |

## 3. Enforcement and Audit

All conflict outcomes must be logged in the MaxAudit system, tagged with `conflict\_detected=true`. Execution is only allowed when resolved conflict state is validated. Capsules attempting unresolved or invalid state transitions must be quarantined.