

# Laravel Policies Report - Fieldworker Multi-Sector

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## Policy Authorization Rules Overview

Policy Name	Authorization Rules
AssetPolicy	<ul> <li>viewAny: Admin, Manager, Supervisor, Worker</li> <li>view: Admin (all), Manager/Supervisor (tenant), Worker (tenant), Client (readonly)</li> <li>create: Admin, Manager, Supervisor</li> <li>update: Admin (all), Manager/Supervisor (tenant)</li> <li>delete: Admin (all), Manager (tenant), Supervisor (tenant)</li> <li>assign: Admin (all), Manager/Supervisor (tenant)</li> <li>updateStatus: Admin (all), Manager/Supervisor (tenant), Worker (limited)</li> </ul>
AttachmentPolicy	<ul> <li>viewAny: Admin, Manager, Supervisor, Worker, Client</li> <li>view: Admin (all), Manager/Supervisor (tenant), Worker (tenant/own), Client (read-only)</li> <li>create: Admin, Manager, Supervisor, Worker</li> <li>update: Admin (all), Manager/Supervisor (tenant), Worker (own metadata)</li> <li>delete: Admin (all), Manager/Supervisor (tenant), Worker (own)</li> <li>approve: Admin (all), Manager/Supervisor (tenant)</li> <li>share: Admin (all), Manager (tenant)</li> <li>move: Admin (all), Manager/Supervisor (tenant), Worker (own)</li> </ul>
AuditLogPolicy	viewAny: Admin, Manager, Supervisor view: Admin (all), Manager (tenant), Supervisor (limited scope), User (own logs) create: Admin only (system generated) update: Admin only (exceptional cases) delete: Admin only (compliance) export: Admin (all), Manager (tenant) viewAnalytics: Admin (all), Manager/Supervisor (tenant) search: Admin (all), Manager/Supervisor (tenant) viewSystem: Admin only configure: Admin only archive: Admin (all), Manager (tenant with retention rules)
CertificationPolicy	<ul> <li>viewAny: Admin, Manager, Supervisor, Worker, Client</li> <li>view: Admin (all), Manager/Supervisor (tenant), Worker (own), Client (read-only)</li> <li>create: Admin, Manager, Supervisor</li> <li>update: Admin (all), Manager/Supervisor (tenant), Worker (own pending)</li> <li>delete: Admin (all), Manager/Supervisor (tenant), Worker (own pending)</li> <li>approve: Admin (all), Manager/Supervisor (tenant) for pending</li> <li>verify: Admin (all), Manager/Supervisor (tenant)</li> <li>renew: Admin (all), Manager/Supervisor (tenant), Worker (own request)</li> </ul>

Policy Name	Authorization Rules
FeaturePolicy	viewAny: All authenticated users view: Admin (all), Others (tenant-enabled features) create: Admin only update: Admin only delete: Admin only toggle: Admin (all), Manager (tenant if configurable) configure: Admin (all), Manager (tenant if configurable) access: Role-based + feature enabled + tenant check assign: Admin only viewAnalytics: Admin (all), Manager (tenant) request: Manager, Supervisor
FormPolicy	viewAny: All authenticated users view: Admin (all), Manager/Supervisor (tenant), Worker (tenant), Client (read-only) create: Admin, Manager, Supervisor update: Admin (all), Manager/Supervisor (tenant) delete: Admin (all), Manager (tenant), Supervisor (tenant, no responses) publish: Admin (all), Manager/Supervisor (tenant) fill: Worker/Manager/Supervisor (tenant, published forms) viewResponses: Admin (all), Manager/Supervisor (tenant), Client (read-only)
FormResponsePolicy	<ul> <li>viewAny: Admin, Manager, Supervisor, Client</li> <li>view: Admin (all), Manager/Supervisor (tenant), Worker (own), Client (read-only)</li> <li>create: Admin, Manager, Supervisor, Worker</li> <li>update: Admin (all), Manager/Supervisor (tenant), Worker (own, not submitted)</li> <li>delete: Admin (all), Manager (tenant), Supervisor (tenant, not submitted), Worker (own draft)</li> <li>submit: Admin (all), Worker (own), Manager/Supervisor (tenant)</li> <li>approve: Admin (all), Manager/Supervisor (tenant) for submitted</li> <li>export: Admin (all), Manager/Supervisor/Client (tenant)</li> </ul>
JobPolicy	<ul> <li>viewAny: Admin, Manager, Supervisor, Worker</li> <li>view: Admin (all), Manager/Supervisor (tenant), Worker (assigned), Client (tenant read-only)</li> <li>create: Admin, Manager, Supervisor</li> <li>update: Admin (all), Manager/Supervisor (tenant), Worker (assigned basic)</li> <li>delete: Admin (all), Manager (tenant), Supervisor (tenant, pending only)</li> <li>assignWorkers: Admin (all), Manager/Supervisor (tenant)</li> <li>updateStatus: Admin (all), Manager/Supervisor (tenant), Worker (assigned)</li> </ul>

Policy Name	Authorization Rules
JobAssignmentPolicy	viewAny: Admin, Manager, Supervisor, Worker view: Admin (all), Manager/Supervisor (tenant), Worker (own), Client (read-only) create: Admin, Manager, Supervisor update: Admin (all), Manager/Supervisor (tenant), Worker (own status/progress) delete: Admin (all), Manager (tenant), Supervisor (tenant, not started) accept/reject: Worker (own), Admin (all), Manager (tenant) start: Worker (own accepted), Admin (all), Manager/Supervisor (tenant) complete: Worker (own in_progress), Admin (all), Manager/Supervisor (tenant) updateProgress: Worker (own), Admin (all), Manager/Supervisor (tenant)
LocationPolicy	viewAny: All authenticated users view: Admin (all), Manager/Supervisor (tenant), Worker (tenant), Client (tenant) create: Admin, Manager, Supervisor update: Admin (all), Manager/Supervisor (tenant) delete: Admin (all), Manager (tenant), Supervisor (tenant, no active jobs) assign: Admin (all), Manager/Supervisor (tenant) updateCoordinates: Admin (all), Manager/Supervisor (tenant)
NotificationPolicy	viewAny: All authenticated users view: Admin (all), User (own), Manager/Supervisor (tenant) create: Admin, Manager, Supervisor update: Admin (all), Manager/Supervisor (tenant), User (own read status) delete: Admin (all), Manager/Supervisor (tenant), User (own) markAsRead: User (own), Admin (all), Manager (tenant) send: Admin (all), Manager (tenant), Supervisor (workers) sendBulk: Admin (all), Manager (tenant) viewAnalytics: Admin (all), Manager/Supervisor (tenant)
PermissionPolicy	viewAny: Admin only view: Admin only create: Admin only update: Admin only delete: Admin only (except core permissions) assign/revoke: Admin only sync: Admin only viewAnalytics: Admin only export: Admin only manageGroups: Admin only checkDependencies: Admin only validateConflicts: Admin only createTemplate: Admin only audit: Admin only

Policy Name	Authorization Rules
RolePolicy	viewAny: Admin, Manager view: Admin (all), Manager (tenant), Supervisor (tenant basic) create: Admin only update: Admin (all), Manager (custom roles in tenant) delete: Admin (all), Manager (custom roles, not assigned) assign: Admin (all), Manager (tenant, except admin/manager) revoke: Admin (all), Manager (tenant, except admin/manager) managePermissions: Admin (all), Manager (custom roles) duplicate: Admin (all), Manager (tenant) viewAnalytics: Admin (all), Manager (tenant) export: Admin (all), Manager (tenant)
SectorPolicy	viewAny: All authenticated users view: Admin (all), Manager/Supervisor (tenant), Worker (tenant), Client (tenant) create: Admin, Manager update: Admin (all), Manager (tenant) delete: Admin (all), Manager (tenant, not used) assign: Admin (all), Manager/Supervisor (tenant) configure: Admin (all), Manager (tenant) viewAnalytics: Admin (all), Manager/Supervisor/Client (tenant)
SignaturePolicy	<ul> <li>viewAny: Admin, Manager, Supervisor, Worker, Client</li> <li>view: Admin (all), Manager/Supervisor (tenant), Worker (own), Client (read-only)</li> <li>create: All authenticated users</li> <li>update: Admin (all), Manager/Supervisor (tenant), User (own, not finalized)</li> <li>delete: Admin (all), Manager (tenant), Supervisor (tenant, not finalized), User (own, not finalized)</li> <li>finalize: Admin (all), User (own), Manager/Supervisor (tenant)</li> <li>verify: Admin (all), Manager/Supervisor (tenant)</li> <li>download: Same as view permissions</li> <li>invalidate: Admin (all), Manager (tenant)</li> <li>createTemplate: Admin (all), Manager (tenant)</li> </ul>
SkillPolicy	<ul> <li>viewAny: All authenticated users</li> <li>view: Admin (all), Manager/Supervisor (tenant), Worker (tenant), Client (tenant)</li> <li>create: Admin, Manager, Supervisor</li> <li>update: Admin (all), Manager/Supervisor (tenant)</li> <li>delete: Admin (all), Manager (tenant), Supervisor (tenant, not assigned)</li> <li>assign: Admin (all), Manager/Supervisor (tenant)</li> <li>certify: Admin (all), Manager/Supervisor (tenant)</li> </ul>

Policy Name	Authorization Rules
TenantPolicy	viewAny: Admin, Manager view: Admin (all), Manager (own tenant), Supervisor (own tenant basic) create: Admin only update: Admin (all), Manager (own tenant limited) delete: Admin only suspend: Admin only activate: Admin only configure: Admin (all), Manager (own tenant) viewAnalytics: Admin (all), Manager (own tenant) manageUsers: Admin (all), Manager (own tenant) manageQuotas: Admin only export: Admin (all), Manager (own tenant)
TenantQuotaPolicy	viewAny: Admin, Manager view: Admin (all), Manager (own tenant), Supervisor (own tenant basic) create: Admin only update: Admin only delete: Admin only checkUsage: Admin (all), Manager/Supervisor (own tenant) resetUsage: Admin only increaseLimits: Admin only viewAnalytics: Admin (all), Manager (own tenant) configureAlerts: Admin (all), Manager (own tenant) requestIncrease: Manager (own tenant) approveIncrease: Admin only export: Admin (all), Manager (own tenant) monitorViolations: Admin (all), Manager (own tenant) createTemplate: Admin only
UserPolicy	viewAny: Admin, Manager, Supervisor view: Admin (all), Manager (tenant), Supervisor (tenant), User (own profile) create: Admin, Manager update: Admin (all), Manager (tenant), User (own profile limited) delete: Admin (all), Manager (tenant inactive users) suspend: Admin (all), Manager (tenant) activate: Admin (all), Manager (tenant) assignRoles: Admin (all), Manager (tenant, limited roles) revokeRoles: Admin (all), Manager (tenant, limited roles) resetPassword: Admin (all), Manager (tenant), User (own) viewProfile: Admin (all), Manager (tenant), User (own) export: Admin (all), Manager (tenant)

Policy Name	Authorization Rules
WorkerPolicy	viewAny: Admin, Manager, Supervisor
	view: Admin (all), Manager/Supervisor (tenant), Worker (own profile)
	create: Admin, Manager, Supervisor
	update: Admin (all), Manager/Supervisor (tenant), Worker (own profile limited)
	delete: Admin (all), Manager (tenant)
	assignJobs: Admin (all), Manager/Supervisor (tenant)
	updateProfile: Worker (own), Admin (all), Manager/Supervisor (tenant)
	viewAnalytics: Admin (all), Manager/Supervisor (tenant)

## **@** Policy Features Summary

### Role Hierarchy

- Admin: Full system access across all tenants
- Manager: Full tenant management within own tenant
- Supervisor: Team/operational management within tenant
- Worker: Personal data management + assigned work
- Client: Read-only access to tenant data

### **Multi-Tenant Security**

- All policies respect tenant\_id boundaries
- · Cross-tenant access strictly controlled
- Admin role bypasses tenant restrictions

### **Special Policy Categories**

#### **System-Level (Admin Only)**

- PermissionPolicy
- FeaturePolicy (creation/configuration)
- TenantQuotaPolicy (management)
- AuditLogPolicy (system logs)

#### **Tenant-Level Management**

- TenantPolicy
- RolePolicy (custom roles)
- UserPolicy
- SectorPolicy

#### **Operational Policies**

- JobPolicy
- JobAssignmentPolicy
- WorkerPolicy

- AssetPolicy
- LocationPolicy

#### **Data & Content**

- FormPolicy
- FormResponsePolicy
- NotificationPolicy
- AttachmentPolicy
- SignaturePolicy

#### **Skills & Compliance**

- SkillPolicy
- CertificationPolicy

## Security Features

#### **Tenant Isolation**

- All models respect tenant boundaries
- Cross-tenant data access prevented
- Admin override for system management

#### **Role-Based Access Control**

- Granular permissions per role
- ✓ Hierarchical access levels
- Context-aware authorization

#### **Data Protection**

- Personal data access (workers own data)
- Audit trail protection
- Sensitive operations restricted

#### **Business Logic Integration**

- Status-based permissions (pending, approved, etc.)
- ✓ Workflow-aware authorization
- Resource dependency checks

Total Policies: 20

Coverage: 100% of application models

Security Level: Enterprise-grade multi-tenant

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