

Authentication & User Management Endpoints

Endpoint	Method	Description	Allowed Roles
/api/auth/login	POST	User login	Public
/api/auth/logout	POST	User logout	All authenticated users

Endpoint	Method	Description	Allowed Roles
/api/users	GET	List all users	Admin, System Admin
/api/users	POST	Create new user	Admin, System Admin
/api/users/{userId}	GET	Get user details	User (own), Admin, System Admin
/api/users/{userId}	PUT	Update user details	User (own), Admin, System Admin
/api/users/{userId}	DELETE	Delete user	System Admin
/api/users/{userId}/roles	GET	Get user roles	Admin, System Admin
/api/users/{userId}/roles	PUT	Update user roles	System Admin

Role & Permission Management

Endpoint	Method	Description	Allowed Roles
/api/roles	GET	List all roles	Admin, System Admin
/api/roles	POST	Create new role	System Admin
/api/roles/{roleId}	GET	Get role details	Admin, System Admin
/api/roles/{roleId}	PUT	Update role	System Admin
/api/roles/{roleId}	DELETE	Delete role	System Admin
/api/roles/{roleId}/permissions	GET	Get role permissions	Admin, System Admin
/api/roles/{roleId}/permissions	PUT	Update role permissions	System Admin

File Operations

Endpoint	Method	Description	Allowed Roles
/api/files/upload	POST	Upload new files	KAR, Admin, System Admin
/api/files/{fileId}	GET	Retrieve specific file	KAR (own), Admin, System Admin
/api/files/{fileId}	PUT	Update file metadata/content	KAR (own), Admin, System Admin
/api/files/{fileId}	DELETE	Delete file	Admin, System Admin
/api/files	GET	List files with filters	KAR (own), Admin, System Admin
/api/files/{fileId}/download	GET	Download file	KAR (own), Admin, System Admin
/api/files/bulk-upload	POST	Bulk file upload	Admin, System Admin
/api/files/bulk-delete	DELETE	Bulk file deletion	Admin, System Admin

File Validity & Expiry Management

Endpoint	Method	Description	Allowed Roles
/api/files/expiring	GET	Get expiring files	KAR (own), Admin, System Admin
/api/files/{fileId}/validity	PUT	Update validity/expiry	KAR (own), Admin, System Admin
/api/files/expiry-notifications	POST	Trigger expiry notifications	Admin, System Admin

/api/files/expiry-report	GET	Generate expiry report	Admin, System Admin, Regional Manager
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Regional Management

Endpoint	Method	Description	Allowed Roles
/api/regions	GET	List all regions	All authenticated users
/api/regions	POST	Create new region	System Admin
/api/regions/{regionId}	GET	Get region details	All authenticated users
/api/regions/{regionId}	PUT	Update region	System Admin
/api/regions/{regionId}	DELETE	Delete region	System Admin
/api/files/{fileId}/region	PUT	Reassign file region	Admin, System Admin
/api/regions/{regionId}	GET	Get region files	KAR (own region), Regional Manager
/api/regions/{regionId}	GET	Get region KARs	Regional Manager, Admin, System Admin

KAR Management

Endpoint	Method	Description	Allowed Roles
/api/kars	GET	List all KARs	Admin, System Admin, Regional Manager
/api/kars	POST	Create new KAR	Admin, System Admin
/api/kars/{karId}	GET	Get KAR details	KAR (own), Admin, System Admin
/api/kars/{karId}	PUT	Update KAR info	Admin, System Admin
/api/kars/{karId}	DELETE	Delete KAR	System Admin
/api/kars/{karId}/files	GET	Get KAR's files	KAR (own), Admin, System Admin
/api/files/{fileId}/kar	PUT	Reassign file to KAR	Admin, System Admin
/api/kars/{karId}/statistics	GET	Get KAR statistics	KAR (own), Admin, System Admin

Channel Partner Classification

Endpoint	Method	Description	Allowed Roles
/api/channel-partners	GET	List partner types	All authenticated users
/api/files/{fileId}/channel-partner	PUT	Update partner classification	KAR (own), Admin, System Admin
/api/channel-partners	GET	Get files by partner type	KAR, Admin, System Admin, View Only
/api/channel-partners	GET	Partner type statistics	Admin, System Admin, Regional Manager

Notifications & Alerts

Endpoint	Method	Description	Allowed Roles
/api/notifications	GET	Get user notifications	All authenticated users (own)
/api/notifications/{notificationId}	GET	Get notification details	All authenticated users (own)
/api/notifications/{notificationId}	PUT	Mark as read	All authenticated users (own)
/api/notifications/mark-all	PUT	Mark all as read	All authenticated users
/api/notifications/settings	GET	Get notification settings	All authenticated users
/api/notifications/settings	PUT	Update notification settings	All authenticated users
/api/notifications/test	POST	Send test notification	Admin, System Admin

Version Control

Endpoint	Method	Description	Allowed Roles
/api/files/{fileId}/versions	GET	Get file versions	KAR (own), Admin, System Admin
/api/files/{fileId}/versions	POST	Create new version	KAR (own), Admin, System Admin
/api/files/{fileId}/versions/{versionId}	GET	Get specific version	KAR (own), Admin, System Admin
/api/files/{fileId}/versions/{versionId}	PUT	Restore version	Admin, System Admin
/api/files/{fileId}/versions/{versionId}	GET	Download version	KAR (own), Admin, System Admin

Search & Filtering

Endpoint	Method	Description	Allowed Roles
/api/files/search	POST	Advanced search	All authenticated users (filtered)
/api/files/statistics	GET	File statistics	Regional Manager, Admin, System Admin
/api/dashboard/statistics	GET	Dashboard statistics	All authenticated users (filtered)
/api/reports/generate	POST	Generate custom report	Admin, System Admin, Regional Manager

Audit & Compliance

Endpoint	Method	Description	Allowed Roles
/api/audit/logs	GET	Get audit logs	Admin, System Admin, Auditor
/api/files/{fileId}/history	GET	Get file history	Admin, System Admin, Auditor
/api/audit/export	POST	Export audit logs	System Admin, Auditor
/api/compliance/reports	GET	Generate compliance report	Admin, System Admin, Auditor

Auth Required

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