3.2. Roles

3.2.1. User

Generic User (applies to all roles)

A **Generic User** is a base-level role assigned to every system user, regardless of their specific functional roles (e.g., Viewer, Analyst, Editor, Approver). This role encompasses fundamental use cases and permissions that are common across all users, such as accessing the application, managing personal profiles, and utilizing core system features.

1. **Authentication**: Log in and log out of the application using valid credentials or authenticate with a valid authentication method (to be defined: api key, saml2, ...).
2. **Profile Management**: View and update personal information (e.g. password reset, manage secrets).

ID	Name
4.1	Profile management [canceled]
4.2	Change password
4.3	Manage user secrets [canceled]

3.2.2. Administrator

Application Administrator

An **Application Administrator** is a user with the **highest privileges and responsibilities**, allowing them to manage and oversee the application's functionality, settings, and user base holistically across all Organisations. The provisioning of the **Application Administrator** privileges should only be granted to the owners of the solution (application), e.g. MyConnectivity.

> Administrators do not have privileges to write vertical cabling data. If the user needs EDITOR permission, a different non privileged account is needed to perform these operations.

Application Administrators typically have access to advanced features and tools that standard users as well as Organisation Administrators do not, such as:

1. **User Management**: Adding, editing, or removing users, assigning roles, including Organisation Administrators, and managing permissions.
2. **Content Oversight:** View the entire database, recover previous versions (see undo delete and undo approval processes)
3. **System Configuration**: Customising application settings, workflows, and integrations to align with organisational needs.
4. **Monitoring and Reporting**: Accessing logs, analytics, and reports to ensure proper usage and system health.
5. **Troubleshooting**: Addressing technical issues, resetting passwords, or resolving other user concerns.
6. **Security Enforcement**: Setting security policies, managing access controls, and responding to potential threats or breaches.

ID	Name
4.4	Create users
4.5	Update users
4.6	Delete users
4.7	Recover users marked for deletion
4.8	Create access tokens [new]
4.9	Delete access tokens [new]
4.10	View audit logs
4.11	View all data on the platform
4.12	Restore deleted records
4.13	Un-reject/approve an approved/rejected record
4.14	Export all
4.15	Monitoring

ID	Name
4.16	Alerting
4.17	Lightweight administration panel
4.18	Define webhooks [new]

Organisation Administrator

An Organisation Administrator can manage resources linked to a specific domain (e.g. operator). A domain administrator is responsible for managing all the aspects linked with the domain, for example their own user base:

1. **Domain user management:** Adding, editing, or removing domain users, assigning roles, and managing permissions
2. **Content Oversight**: Oversee all the operations done by the domain users

ID	Name
4.19	Create organisation users
4.20	Update organisation users
4.21	Delete organisation users
4.22	Recover organisation users marked for deletion
4.23	Create organisation access tokens [new]
4.24	Delete organisation access tokens [new]
4.25	View organisation audit logs
4.26	Un-reject/approve an approved/rejected record lined to organisation
4.27	Restore records deleted by the organisation

3.2.3. Editor

An Editor is a user role with permissions to request create, update, and delete operations on vertical cabling data. The update requests need to be validated by a user that has a Validator role for the given organisation.

ID	Name
4.28	Create temporary address
4.29	Create an additional temporary address for an existing site
4.30	Create an additional temporary address for an existing block
4.31	Add a site
4.32	Update a site
4.33	Delete a site
4.34	Add a block
4.35	Update a block
4.36	Delete a block
4.37	Add a unit
4.38	Update a unit
4.39	Delete a unit
4.40	Add an equipment
4.41	Update an equipment
4.42	Delete an equipment
4.43	Attach pictures [postponed]
4.44	Delete Pictures [postponed]

ID	Name
4.45	Search a site by address
4.46	Send an update vertical cabling request

3.2.4. Approver

Approver

An **Approver** is a user role with permissions to approve or reject Vertical Cabling update requests for all domains within the system. This role ensures consistency and compliance across domains by reviewing and validating requests for creating, updating, or deleting vertical cabling data. **Approvers** have a system-wide oversight responsibility and can act as the final authority in the approval process.

ID	Name
4.47	Approve deleted site request
4.48	Approve deleted block request
4.49	Approve deleted unit request
4.50	Approve deleted equipment request
4.51	Approve or reject update vertical cabling request

Organisation approver

An **Organisation Approver** is a user role with permissions to approve or reject Vertical Cabling update requests only for the organisation they are assigned to. This role ensures that changes assigned to a specific domain are accurate and compliant with the data quality standards. **Organisation Approvers** focus exclusively on requests assigned to their own domain and cannot approve requests for other domains.

ID	Name
4.52	Approve deleted site request for organisation

ID	Name
4.53	Approve deleted block request for organisation
4.54	Approve deleted unit request for organisation
4.55	Approve deleted equipment request for organisation
4.56	Approve or reject update vertical cabling request for organisation

3.2.5. Analyst

Analyst

An Analyst is a user responsible for examining, interpreting, and generating insights from the data within the application. They access and process data to identify trends, patterns, and actionable insights, supporting decision-making processes. Analysts are typically granted read access to most system data and are equipped with tools for querying, visualising, and exporting data.

ID	Name
4.57	Access to all data
4.58	Querying data
4.59	Query historical data
4.60	Query audit logs
4.61	Export data [to be reviewed]
4.62	Integrate external applications [to be reviewed]
4.63	Un-reject/approve an approved/rejected record

3.2.6. Viewer

Viewer

A **Viewer** is a user with strictly limited access to the system, allowing them only to search and view specific datasets using predefined search queries. They cannot perform analytics, export data, or modify the system in any way.

ID	Name
4.64	Search sites/blocks/units/equipments by address
4.65	Read single entries by ID
4.66	Read different versions of connections

3.2.7. ETL

ETL

An ETL user is a user that has access to the RNCV address database, the user can read as well as write address data. In particular the ETL user is the only one that can create address information without needing an external Approver to validate the data in question. Furthermore the ETL is also the main process responsible for Approving address entries.

ID	Name
4.67	Retrieve addresses
4.68	Create and update addresses

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