VOTING Stimmregister

Data Model
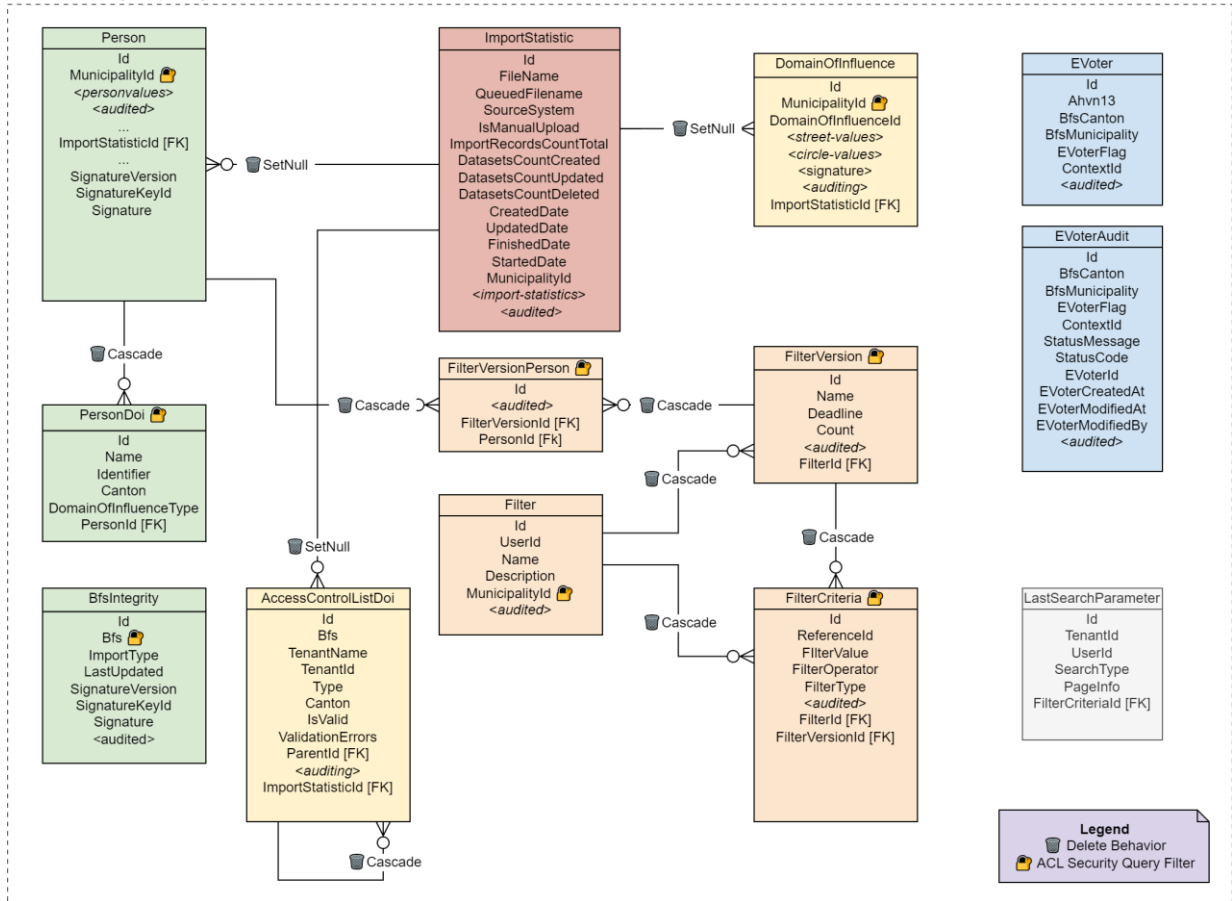
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Contents

1. Data Model

VOTING Stimmregister (leading database)

Table	Description
Person	Contains personal data that is imported into the VOTING Stimmregister via manual or automated interfaces. The data records of persons are versioned and historized using revisions.
PersonDoi	Contains normalized data of the associated domain of influence of a person.
BfsIntegrity	A signature is created for each BFS import and persisted in the BFS Integrity table. These signatures are verified against the person records before executing a security-relevant operation that depends on a subset of the BFS scope.
DomainOfInfluence	The domain of influences are imported from EK Loganto and projected onto the person based on the assigned address identification.

Table	Description
AccessControlListDoi	The ACL reflects the hierarchical DOI tree managed within VOTING Basis and serves as the access control list for the calculation of access authorizations to BFS contexts (person scopes).
ImportStatistic	Represents all executed imports of any type including validation, statistics and status information.
Filter	Contains filter definitions for tenant specific voting registry use cases. Filters are intended to create a voting registry that is based on a subset of persons. The subset is defined by a number of customer defined filter criteria.
FilterCriteria	Each filter criteria belongs to a tenant specific filter. A filter criteria is used to search for specific persons and supports different filter types and search operators.
FilterVersion	A filter version is a voting registry represented by a filtered subset of persons. A filter can be exported and used for further processing for generating voting cards (e.g VOTING Stimmunterlagen). A filter version cannot be changed once it is created and is cryptographically signed to be able to prove its integrity.
FilterVersionPerson	Maps one to many persons between a filter version and the person itself (mapping table).
LastSearchParameter	Cache to persist last used search parameters on a tenant base.
EVoter	E-Voting registration status.
EVoterAudit	E-Voting audit registration status.