



SOFTWARESILOS

Sublogin Documentation

PDF Manual

MODULE

sublogin

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Overview

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Welcome to the Sublogin extension documentation. This comprehensive B2B solution allows business customers to create and manage multiple sub-accounts with granular permissions and access control.

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Overview

The Sublogin extension is a complete B2B solution that enables sophisticated user management within

your Magento store. Business customers can create multiple sub-accounts for employees, departments, or branches, each with their own credentials and permissions.

Core Concept

Main Account (Customer)

The primary business customer account that owns all sublogins. This account has full control over creating, editing, and managing sublogins.

Sublogins (Sub-Accounts)

Individual accounts created under the main customer account. Each sublogin has:

- Own email address and password
- Own profile information
- Assigned role and permissions (optional)
- Budget limits (optional)
- Address restrictions
- Order history

Hierarchical Organization

Sublogins can be organized into groups with parent-child relationships, creating a complete organizational structure:

```
Customer Account
├── General (Group)
│   ├── Branch A (Group)
│   │   ├── Department 1 (Group)
│   │   └── Department 2 (Group)
│   └── Branch B (Group)
└── Sublogins assigned to groups
```

Key Features

1. Unlimited Sub-Accounts

Create as many sublogins as needed for your organization. No limits on the number of sub-accounts.

2. Granular Permissions

Control exactly what each sublogin can do with role-based permissions (requires Roles add-on):

- View products and prices
- Add to cart and checkout
- Place orders
- View orders (own or all)
- Manage other sublogins
- And 30+ more permissions

3. Budget Control

Set spending limits per sublogin or department (requires Budget add-on):

- Daily, monthly, yearly budgets
- Per-order limits
- Automatic tracking and enforcement

4. Approval Workflows

Implement multi-level order approval processes (requires Order Approval add-on):

- Amount-based thresholds
- Role-based approvers
- Email notifications

5. Flexible Address Management

Three address modes:

- **Shared:** Sublogins use customer addresses
- **Restricted:** Sublogins can only use assigned addresses
- **Own:** Sublogins create their own addresses

6. Impersonation

Main account holders and admins can "login as" sublogins to:

- Test permissions
- Assist with orders
- Troubleshoot issues

Modular Architecture

The Sublogin system is modular with optional add-ons:

Core Module (Required)

- Basic sublogin management
- Address handling
- Email system
- Session management

Optional Add-Ons

- **Roles & Permissions:** Advanced ACL system with 30+ permissions
- **Budget Management:** Spending limits and tracking
- **Order Approval:** Multi-level approval workflows
- **Catalog Visibility:** Product restrictions per sublogin
- **API:** Web API (REST/SOAP) endpoints for integrations
- **Import/Export:** CSV export from admin grid + CLI import
- **Reports:** Orders/products reporting in customer account + admin
- **Hyvä Compatibility:** Layout/template compatibility for Hyvä storefronts

- **Mageplaza OSC Compatibility:** Ensures checkout compatibility with Mageplaza One Step Checkout
- **Sample Data:** Demo data for staging/dev environments

Common Scenarios

B2B Company

- Main account: Company
- Sublogins: Employees in Purchasing, Sales, Warehouse
- Each department has own budget and permissions

Franchise

- Main account: Franchise owner
- Sublogins: Individual store locations
- Each store has own addresses and order approval

Multi-Location Business

- Main account: Head office
- Sublogins: Branch offices
- Shared catalog, separate budgets per location

Educational Institution

- Main account: University
- Sublogins: Departments/Faculties
- Budget management with approval workflow

Database Structure

The extension uses several database tables:

- `customer_sublogin` - Main sublogin accounts
- `customer_sublogin_address` - Address assignments
- `customer_sublogin_payment` - Payment method restrictions
- `customer_sublogin_shipping` - Shipping method restrictions
- `customer_sublogin_role` - Roles (add-on)
- `customer_sublogin_role_permission` - Permissions (add-on)
- `customer_sublogin_group` - Hierarchical groups (add-on)
- `customer_sublogin_budget` - Budgets (add-on)

Integration Points

Customer ID Extension

Sublogins can have auto-generated customer IDs in format: `{customer_id}-{number}`

Sales Staff Extension

Assign sales representatives to sublogins for commission tracking

Price System Extensions

Customer-specific prices apply to all sublogins of that customer

Payment Profiles Extension

Combine with sublogin payment restrictions for advanced control