YuBlog User Manual

Version 1.0

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Introduction

Welcome to **YuBlog** - a secure, modern blogging platform that prioritizes your privacy and security. YuBlog uses advanced WebAuthn technology with hardware security keys to provide passwordless authentication that's both convenient and secure.

Key Features

• **Passwordless Authentication**: No passwords to remember or lose

• **Hardware Security Keys**: Support for YubiKeys, Touch ID, Face ID, and Windows Hello

• **Rich Blog Editor**: Create beautiful posts with our intuitive editor

- **Real-time Dashboard**: Track your posts, drafts, and device security

- **Privacy-First**: Your data is encrypted and secure

- **34-Day Device Protection**: Prevents spam and abuse

Getting Started

System Requirements

- **Browser**: Chrome 67+, Firefox 60+, Safari 13+, or Edge 18+

- **Security Device**: Hardware security key (YubiKey), Touch ID, Face ID, Windows Hello, or similar WebAuthn-compatible authenticator

- **Internet Connection**: Required for all operations

Supported Security Devices

- **YubiKey Series**: 5, 5C, 5 NFC, 5C NFC, Bio Series

- **Apple Devices**: Touch ID, Face ID (on supported Mac/iOS devices)

- **Windows**: Windows Hello (fingerprint, face recognition, PIN)

- **Android**: Fingerprint sensors, face unlock

- **Other**: Any FIDO2/WebAuthn compatible authenticator

Account Registration

Step 1: Access the Registration Page

1. Visit the YuBlog website

2. Click **"Sign In"** in the top navigation

3. The authentication page will load

Step 2: Create Your Account

1. Click **"Create New Account"**

2. Fill in your details:

3. **Username**: 3-50 characters, letters, numbers, hyphens, and underscores only

4. **Email**: Optional but recommended for account recovery

5. **Display Name**: Optional, how your name appears on posts

Step 3: Register Your Security Device

1. Click **"Create Account"**

2. You'll see a prompt to use your security device

3. **For Hardware Keys**: Insert your key and touch the metal contact

4. **For Biometric**: Use your fingerprint, face, or PIN as prompted

5. **For Mobile**: Follow your device's authentication prompts

Step 4: Account Created!

• You'll see a success message with setup confirmation

• Your account is immediately ready to use

• You can start creating posts right away

Important Notes

• **34-Day Rule**: Each security device can only create one account every 34 days

• **Device Blocking**: If blocked, you'll see exactly when you can try again

• **No Passwords**: You'll never need to remember a password

Signing In

Quick Sign-In Process

1. Go to the YuBlog website

2. Click **"Sign In"**

3. Enter your **username**

4. Click **"Sign In with Security Key"**

5. Use your security device when prompted

6. You're signed in!

What Happens During Sign-In

- Your browser connects to your security device

- The device verifies your identity (touch, biometric, PIN)

- A secure token is created for your session

- You're automatically redirected to your dashboard

Troubleshooting Sign-In

- **Device not detected**: Ensure it's properly connected/enabled

- **Wrong username**: Check spelling and case sensitivity

- **Timeout**: The process times out after 60 seconds - try again

- **Browser issues**: Try refreshing the page

Dashboard Overview

Your dashboard is your command center for managing your YuBlog experience.

Dashboard Statistics

- **Total Posts**: All posts you've created

- **Published Posts**: Posts visible to the public

- **Draft Posts**: Unpublished posts you're working on

- **Security Devices**: Number of registered authentication devices

Quick Actions

- **Create New Post**: Start writing immediately

- **Manage Devices**: Add or remove security devices

- **View Analytics**: Coming soon - post performance metrics

- **My Posts**: Access all your posts for editing

Navigation

- **Dashboard**: Your main overview page

- **Create**: Write new blog posts

• **Blog**: View all public posts

• **Profile**: Manage account settings and devices

Creating and Managing Posts

Creating a New Post

Method 1: From Dashboard

1. Click **"Create New Post"** on your dashboard

2. The post editor will open

Method 2: From Navigation

1. Click **"Create"** in the top navigation

2. The post editor will open

Using the Post Editor

Basic Information

• **Title**: Your post's headline (required)

• **Content**: Your post body (required, supports Markdown)

• **Tags**: Optional keywords for categorization

Content Formatting

The editor supports **Markdown syntax**: - `# Heading 1` , `## Heading 2` , etc. - `**bold text**` for **bold** - `*italic text*` for *italic* - `[Link text](URL)` for links - `![Alt text](image-URL)` for images - Code blocks with triple backticks

Publishing Options

• **Save as Draft**: Keep working on it later

• **Publish**: Make it live immediately

• **Preview**: See how it will look (coming soon)

Managing Existing Posts

From Your Profile

1. Go to **Profile** → **My Posts** tab

2. You'll see all your posts with options to:

3. **Edit**: Modify the post content

4. **View**: See the published version

5. **Delete**: Permanently remove the post

Post Status

- **Published**: ✅ Live and visible to everyone

- **Draft**: 📝 Only visible to you

Editing Posts

1. Click the **edit icon** (pencil) next to any post

2. Make your changes in the editor

3. Click **"Update Post"** to save changes

4. Published posts update immediately

Security Device Management

YuBlog supports multiple security devices for enhanced security and convenience.

Adding Additional Devices

Why Add Multiple Devices?

- **Backup**: Don't get locked out if you lose a device

- **Convenience**: Use different devices on different computers

- **Family**: Share account access securely (not recommended)

How to Add a Device

1. Go to **Profile** → **Security Devices** tab

2. Click **"Add Device"**

3. Enter a descriptive name (e.g., "YubiKey 5C", "MacBook Touch ID")

4. Click **"Add Device"**

5. Use your new security device when prompted

Device Restrictions

- **Same 34-day rule applies**: Each physical device can only be added once every 34 days

- **Spam prevention**: This prevents abuse of the platform

- **Blocked devices**: You'll see exactly when you can try again

Managing Your Devices

Viewing Your Devices

Each device shows: - **Device Name**: The name you gave it - **Date Added**: When you registered it - **Last Used**: When you last signed in with it - **Counter**: Internal security counter (technical detail)

Removing Devices

1. Click the **red trash icon** next to any device

2. Confirm the removal

3. The device is immediately revoked

Security Best Practices

- **Keep at least 2 devices**: For backup access

- **Remove lost devices**: Immediately remove devices you've lost

- **Use descriptive names**: "Work YubiKey", "Personal Touch ID", etc.

- **Regular review**: Check your devices monthly

Account Settings

Profile Information

Viewing Your Profile

Go to **Profile** → **Profile** tab to see: - **Username**: Cannot be changed after registration - **Email**: Can be updated (coming soon) - **Display Name**: How you appear on posts - **Account Created**: When you joined YuBlog

Updating Your Information

Currently, most profile information is set during registration. Updates coming in future versions.

Security Settings

Session Management

- Sessions expire after 24 hours of inactivity

- You can sign out manually from any page

- All devices share the same account but have separate sessions

Audit Log

YuBlog maintains detailed security logs (admin access only): - Sign-in attempts and successes - Device additions and removals - Post creation and modifications - Security events and blocks

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Security Features

WebAuthn Technology

YuBlog uses the **WebAuthn standard** (also called FIDO2): - **Phishing-resistant**: Works only on legitimate YuBlog sites - **No shared secrets**: Your device never sends passwords over the internet - **Strong cryptography**: Military-grade security - **Privacy-preserving**: No tracking across sites

Device Spam Prevention

The **34-day restriction** prevents: - **Account farming**: Creating many accounts quickly - **Spam operations**: Large-scale abuse - **Resource abuse**: Overloading our systems

Data Protection

- **Encrypted storage**: All data encrypted at rest

- **Secure transmission**: HTTPS everywhere

- **Minimal data collection**: We only store what's necessary

- **No tracking**: No third-party trackers or analytics

Session Security

- **Short-lived tokens**: Sessions expire automatically

- **IP tracking**: Unusual locations are logged

- **Device fingerprinting**: Detects session hijacking attempts

- **Automatic logout**: After 24 hours of inactivity

Troubleshooting

Common Issues and Solutions

"WebAuthn not supported"

Problem: Your browser doesn't support WebAuthn
Solution: Update to a modern browser (Chrome 67+, Firefox 60+, Safari 13+, Edge 18+)

"Device not detected"

Problem: Security device isn't working
Solutions: - **Hardware keys**: Ensure properly inserted and try different USB ports - **Touch ID/Face ID**: Check that it's enabled in System Preferences - **Windows Hello**: Verify it's set up in Windows Settings - **Try a different device**: Use another registered security device

"Registration blocked"

Problem: Device was recently used to create an account
Solution: Wait until the displayed date (maximum 34 days) or use a different device

"Challenge expired"

Problem: Took too long to complete authentication
Solution: Refresh the page and try again (you have 60 seconds)

"Posts not saving"

Problem: Post creation/editing fails
Solutions: - Check your internet connection - Ensure you're still signed in - Try refreshing the page - Check that title and content are filled

"Can't sign in"

Problem: Authentication keeps failing
Solutions: - Verify your username spelling - Try a different security device - Clear browser cache and cookies - Check for browser updates

Getting Help

Self-Service Options

1. **Refresh the page**: Solves many temporary issues

2. **Try a different browser**: Rules out browser-specific problems

3. **Check device settings**: Ensure security features are enabled

4. **Wait and retry**: Some issues are temporary

Contact Support

If problems persist: - **Technical issues**: Use the contact form on our website - **Account problems**: Email support with your username - **Security concerns**: Report immediately via our security contact

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FAQ

General Questions

Q: Do I need to remember a password?
A: No! YuBlog is completely passwordless. You only need your security device.

Q: What if I lose my security device?
A: If you have multiple devices registered, use another one. If not, contact support for account recovery.

Q: Can I use YuBlog on my phone?
A: Yes! Most modern phones support WebAuthn through biometrics or built-in security chips.

Q: Is YuBlog free?
A: Yes, YuBlog is currently free to use with no limits on posts or devices.

Security Questions

Q: How secure is YuBlog compared to password-based sites?
A: Much more secure! WebAuthn prevents phishing, credential stuffing, and password breaches.

Q: Can someone hack my account if they steal my device?
A: They would need both your device AND your biometric (fingerprint/face) or PIN, making it extremely difficult.

Q: Why the 34-day device restriction?
A: This prevents spam and abuse while being reasonable for legitimate users.

Q: Do you store my biometric data?

A: No! Biometrics never leave your device. We only receive cryptographic proofs.

Technical Questions

Q: What browsers work with YuBlog?

A: Chrome 67+, Firefox 60+, Safari 13+, Edge 18+, and other modern browsers with WebAuthn support.

Q: Can I use YuBlog offline?

A: No, YuBlog requires an internet connection for all operations.

Q: Does YuBlog work with my company's security policies?

A: YuBlog follows enterprise security standards and should work with most corporate networks.

Q: Can I export my data?

A: Data export features are planned for future releases.

Usage Questions

Q: How many posts can I create?

A: There's no limit on the number of posts you can create.

Q: Can I collaborate with other users?

A: Collaboration features are planned for future releases.

Q: Can I customize my blog's appearance?

A: Theme customization is planned for future releases.

Q: Do you support custom domains?

A: Custom domain support is planned for future releases.

Conclusion

YuBlog represents the future of secure, passwordless web applications. By combining modern security technology with an intuitive user experience, we've created a platform that's both highly secure and easy to use.

Key Takeaways

- **No passwords needed**: Just your security device

- **Multiple device support**: Add backups for convenience

- **34-day protection**: Prevents spam while allowing legitimate use

• **Rich content creation**: Full Markdown support for beautiful posts

• **Privacy-focused**: Minimal data collection and strong encryption

Support and Community

• **Documentation**: This manual and our technical docs

• **Support**: Contact us through the website for any issues

• **Updates**: We regularly improve security and add features

• **Feedback**: We welcome suggestions for improvements

Welcome to the passwordless future with YuBlog!

This manual was last updated in December 2024. Features and procedures may change as YuBlog evolves.