

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
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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
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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
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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
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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
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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

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
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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

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 May 2025. Features and procedures may change as YuBlog evolves.