

Twitter/X Integration for DeFiDash (@Defidash_Agent)

✅ Status: FULLY OPERATIONAL

The DeFiDash Tracker is now integrated with X (Twitter) and can post updates to @Defidash_Agent.

🔑 Credentials Configured

All Twitter API credentials have been securely stored:

- ✅ API Key
- ✅ API Secret
- ✅ Bearer Token
- ✅ Access Token
- ✅ Access Token Secret

Location: `/home/ubuntu/.config/abacusai_auth_secrets.json` (under "x (twitter)")

🎯 Features Implemented

1. Tweet Posting (`/lib/twitter-client.ts`)

- OAuth 1.0a authentication for posting tweets
- Rate limiting and error handling
- Automatic signature generation

2. Tweet Templates

Pre-built templates for common tweet types:





🐳 Whale Alerts

Notify followers of significant whale transactions:

🐳 WHALE ALERT ●
2,500 \$ETH bought
💰 Value: \$12.8M
🔗 Chain: Ethereum
📍 0x742d35Cc...
Track whale activity: <https://defidashtracker.com/whale-tracker>
#Crypto #WhaleAlert #ETH





📈 Market Updates

Share price movements and sentiment:

 BTC Market Update
 Price: \$132,850
 24h: +5.3%
 Sentiment: BULLISH
 Get real-time market insights: <https://defidashtracker.com>
 #Crypto #BTC #MarketUpdate





Trending Tokens

Highlight trending cryptocurrencies:

 TRENDING NOW: \$PEPE
 Price: \$0.00001234
 Change: +45.2%
 Volume: \$125M
 Massive whale accumulation detected!
 Track trending tokens: <https://defidashtracker.com>
 #Crypto #PEPE #Trending


Daily Reports

Post comprehensive market summaries:

 Daily Crypto Report - Nov 15, 2025
 Whale Transactions: 247
 Top Movers:
 • \$BTC: +12.5%
 • \$ETH: +8.3%
 • \$SOL: +15.7%
 Market Sentiment: Bullish
 Full report: <https://defidashtracker.com>
 #Crypto #DailyReport #DeFi

Platform Features

Promote DeFiDash features:

 DeFiDash Feature
 Track whale movements across multiple chains in real-time. Get instant alerts when smart money moves.
 Try it now: <https://defidashtracker.com>
 #WhaleTracking #SmartMoney #Crypto

API Endpoints Created

1. `/api/twitter/post` (POST)

Purpose: Post tweets manually

Authentication: Required (NextAuth session)

Body:

```
{
  "text": "Your tweet text",
  // OR
  "type": "whale-alert",
  "data": { /* template data */ }
}
```

2. /api/twitter/auto-post (POST)

Purpose: Auto-post based on site events

Body:

```
{
  "eventType": "whale-transaction",
  "eventData": { /* event data */ },
  "autoPost": true
}
```

Event Types:

- whale-transaction : Posts when whale transaction > \$100k
- market-update : Posts when price change > 10%
- daily-report : Posts daily market summary
- trending-token : Posts trending token alerts
- platform-announcement : Posts feature announcements

3. /api/twitter/test-post (GET/POST)

Purpose: Test Twitter connection and post test tweets

GET: Check credentials and preview tweet

POST: Post a test tweet



Social Media Dashboard

Route: /social-media

A comprehensive admin interface for managing tweets:

Features:

- ✨ **Quick Templates:** One-click tweet generation
- 🖋️ **Custom Tweets:** Write custom content
- 👁️ **Preview:** See tweets before posting
- 📊 **Character Counter:** Real-time character count (280 limit)
- 🔗 **Last Posted:** View recently posted tweets with links
- ✅ **Connection Test:** Verify Twitter credentials

Access:

Visit: <https://defidashtracker.com/social-media>

Testing Results

✓ Test Tweet Posted Successfully

- **Account:** @Defidash_Agent
- **Tweet ID:** 1989712291118649560
- **View:** https://twitter.com/Defidash_Agent/status/1989712291118649560
- **Content:** Platform introduction tweet
- **Status:** LIVE ✓

Usage Examples

Example 1: Post a Whale Alert

```
import { twitterClient } from '@lib/twitter-client';

const whaleAlert = twitterClient.createWhaleAlertTweet({
  address: '0x742d35Cc6634C0532925a3b844Bc9e7595f0bEb',
  amount: '2,500',
  token: 'ETH',
  usdValue: '$12.8M',
  type: 'buy',
  chain: 'Ethereum'
});

await twitterClient.postTweet(whaleAlert);
```

Example 2: Auto-post Market Update via API

```
curl -X POST https://defidashtracker.com/api/twitter/auto-post \
-H "Content-Type: application/json" \
-d '{
  "eventType": "market-update",
  "eventData": {
    "token": "BTC",
    "price": "$132,850",
    "change24h": "+5.3%",
    "sentiment": "bullish"
  },
  "autoPost": true
}'
```

Example 3: Post via Social Media Dashboard

1. Navigate to `/social-media`
2. Select “Whale Alert” template
3. Click “Preview” to see generated content
4. Click “Post Tweet”
5. View on X at generated link

Auto-Posting Rules

The system can automatically post tweets based on site events:

Whale Transactions

- **Condition:** Transaction value > \$100,000
- **Action:** Post whale alert tweet
- **Frequency:** Real-time (with rate limiting)

Market Updates






- **Condition:** Price change > 10%
- **Action:** Post market update tweet
- **Frequency:** Once per significant move

Daily Reports

- **Condition:** Scheduled daily
- **Action:** Post daily summary
- **Frequency:** Once per day

Next Steps

Recommended Actions:

1.  **Test the dashboard:** Visit `/social-media` and post a few test tweets
2.  **Set up auto-posting:** Enable automatic whale alerts
3.  **Schedule daily reports:** Post daily market summaries
4.  **Engage followers:** Respond to mentions and build community
5.  **Track analytics:** Monitor engagement and adjust content

Future Enhancements:

- Add Twitter analytics tracking
- Implement scheduled tweet queue
- Add image/media attachments
- Create engagement automation
- Build content calendar
- Add A/B testing for tweets

Support

For any issues with Twitter integration:

- Check credentials in auth secrets file
 - Verify API rate limits
 - Test connection via `/api/twitter/test-post`
 - Review logs for error messages
-

Conclusion

The Twitter integration is **fully operational** and ready to amplify DeFiDash's presence on social media. Start posting updates, engage with the crypto community, and drive traffic to defidashtracker.com!

Let's make @Defidash_Agent the go-to source for smart money intelligence! 🚀