Bot Defense Sizing

F5 Distributed Cloud Bot Defense provides AI/ML-powered protection against automated threats including credential stuffing, account takeover, content scraping, and other bot attacks.

Bot Defense Requirements Assessment

Current Bot Challenges

What bot-related challenges are you experiencing?

- [ ] Credential stuffing attacks
- [ ] Account takeover (ATO)
- [ ] Content scraping / price scraping
- [ ] Inventory hoarding / scalping
- [ ] Gift card fraud
- [ ] Fake account creation
- [ ] Spam / form abuse
- [ ] Ad fraud / click fraud
- [ ] API abuse by bots
- [ ] Competitive intelligence bots
- [ ] None currently, but want proactive protection

Describe specific bot challenges:

Application Scope

Applications Requiring Bot Defense

Which applications need bot protection?

APPLICATION/DOMAIN	CRITICAL PAGES	PLATFORM
Enter value	☐ Login ☐ Registration ☐ Checkout ☐ Search	☐ Web ☐ Mobile ☐ API
Enter value	☐ Login ☐ Registration ☐ Checkout ☐ Search	☐ Web ☐ Mobile ☐ API
Enter value	☐ Login ☐ Registration ☐ Checkout ☐ Search	☐ Web ☐ Mobile ☐ API

FQDNs to Protect

List the fully qualified domain names requiring bot defense:

FQDN	ENVIRONMENT
Enter value	☐ Production ☐ Staging
Enter value	☐ Production ☐ Staging
Enter value	☐ Production ☐ Staging
Enter value	☐ Production ☐ Staging

Standard Tier

Standard Bot Defense includes protection for 2 FQDNs. Additional FQDNs require add-ons.

Mobile Applications

Do you have mobile applications requiring bot protection?

- Yes - iOS applications
- Yes - Android applications
- Yes - Both iOS and Android
- No - Web only

If yes, provide mobile app details:

APP NAME	PLATFORM	DOWNLOADS (EST.)
Enter value	☐ iOS ☐ Android	Enter value
Enter value	☐ iOS ☐ Android	Enter value

Traffic Volume

Transaction Volume

Provide estimated transaction volumes:

METRIC	DAILY VOLUME
Total page views / transactions	Enter value
Login attempts	Enter value
Registration attempts	Enter value
Checkout / purchase attempts	Enter value
Search queries	Enter value
API calls	Enter value

Tier Entitlements

- Standard: Up to 500,000 transactions/day
- Advanced: Up to 1,000,000 transactions/day
- Additional capacity available as add-ons

Peak Traffic

METRIC	PEAK VALUE	WHEN
Peak transactions per day	Enter value	Enter value
Peak transactions per hour	Enter value	Enter value
Seasonal peaks (e.g., Black Friday)	Enter value	Enter value

Current Bot Traffic Estimate

What percentage of your traffic do you estimate is bot traffic?

- < 10%
- 10-25%
- 25-50%
- 50-75%
- > 75%
- Unknown - need visibility

Bot Defense Features

Detection Method

What level of bot detection do you need?

- **Signature-Based** (Standard) - Detect known bot frameworks and tools
- **Behavioral** (Advanced) - AI/ML analysis of device signals and behavior
- **Both** - Maximum protection

Mitigation Actions

What actions should be taken when bots are detected?

DETECTION CONFIDENCE	ACTION
High confidence bot	☐ Block ☐ Challenge ☐ Log only
Medium confidence bot	☐ Block ☐ Challenge ☐ Log only
Low confidence bot	☐ Block ☐ Challenge ☐ Log only

Challenge types acceptable:

- JavaScript challenges
- CAPTCHA (as last resort)
- Custom challenge pages

Specific Bot Types to Address

Which automated threat categories are priorities?

OWASP AUTOMATED THREAT	PRIORITY	NOTES
Credential Stuffing	☐ Critical ☐ High ☐ Medium ☐ Low ☐ N/A	Enter value
Account Takeover	☐ Critical ☐ High ☐ Medium ☐ Low ☐ N/A	Enter value
Carding	☐ Critical ☐ High ☐ Medium ☐ Low ☐ N/A	Enter value
Scraping	☐ Critical ☐ High ☐ Medium ☐ Low ☐ N/A	Enter value
Scalping	☐ Critical ☐ High ☐ Medium ☐ Low ☐ N/A	Enter value
Spamming	☐ Critical ☐ High ☐ Medium ☐ Low ☐ N/A	Enter value
Denial of Inventory	☐ Critical ☐ High ☐ Medium ☐ Low ☐ N/A	Enter value
Sniping	☐ Critical ☐ High ☐ Medium ☐ Low ☐ N/A	Enter value

Integration Requirements

Deployment Method

How will Bot Defense be deployed?

- F5 XC as reverse proxy (traffic flows through F5)

- JavaScript tag injection only
- Both (recommended for full protection)

JavaScript Integration

For web applications, how will the Bot Defense JavaScript be injected?

- F5 XC automatic injection (proxy mode)
- Manual insertion in page templates
- Tag manager (Google Tag Manager, etc.)
- CDN-based injection

Mobile SDK Integration

For mobile applications, can you integrate the F5 Mobile SDK?

- Yes - We can add SDK to our mobile apps
- No - Mobile integration not possible
- N/A - No mobile applications

Existing Bot Solutions

Do you have existing bot management solutions?

SOLUTION	REPLACE OR INTEGRATE
Enter value	☐ Replace ☐ Integrate
Enter value	☐ Replace ☐ Integrate

Advanced Features (Advanced Tier)

Device Fingerprinting

- Yes - Identify devices across sessions
- No

Content Scraping Protection

- Yes - Protect proprietary content, pricing, inventory
- No

Managed Threat Intelligence

- Yes - 24x7 SOC monitoring for bot threats
- Yes - Custom detection rules developed by F5
- Yes - Regular threat briefings
- No - Self-service is sufficient

> **⚠ Advanced/Premium Tier**
>
> Managed threat intelligence requires Advanced or Premium tier.

Reporting and Analytics

Visibility Requirements

What bot visibility do you need?

- Real-time dashboard of bot activity
- Automated threat summaries (monthly)
- Detailed attack attribution
- Custom reports

Integration with SIEM/Analytics

- Yes - Send to SIEM (Splunk, etc.)

- Yes - Send to data lake (S3, etc.)
- No - F5 console is sufficient

Target system: _____

Geographic Distribution

Bot Engine Regions

Where do you need bot detection infrastructure?

REGION	REQUIRED
North America	☐ Yes ☐ No
Europe	☐ Yes ☐ No
Asia-Pacific	☐ Yes ☐ No
South America	☐ Yes ☐ No

Tier Entitlements

- Standard: 1 production region, 1 QA region
- Advanced: 6 bot engines across regions
- Premium: Unlimited bot engines

Support Requirements

Support Level

What level of bot defense support do you need?

- **Self-Service** - Manage bot policies yourself
- **Enhanced** - 24x7 support with named resources
- **Enhanced Plus** - Dedicated resources + managed service

Onboarding Support

- Yes - Full onboarding support
- Yes - Integration assistance only
- No - Self-service deployment

Summary: Bot Defense Requirements

REQUIREMENT	VALUE
Number of FQDNs	Enter value
Estimated Daily Transactions	Enter value
Mobile SDK Required	☐ Yes ☐ No
Detection Method	☐ Signature ☐ Behavioral ☐ Both
Tier Required	☐ Standard ☐ Advanced ☐ Premium
Support Level	☐ Self-Service ☐ Enhanced ☐ Enhanced Plus

Primary bot threats to address:

1.
2.
3.

Additional notes or special requirements: