APPTRANA

AppTrana - Powered by Indusface

AppTrana is a fully managed application security solution that detects application-layer vulnerabilities with web application scanning (detect), protects them instantly with web application firewall (protect) and monitors traffic continuously through proprietary machine learning algorithms and with its in-house security experts blocking emerging threats and DDoS attacks. AppTrana is a one-stop solution for all security needs.

Continuous Vulnerability Detection

With AppTrana, you can be rest assured that the risk posture of the site is continuously monitored and that there are no unknown vulnerabilities. AppTrana provides you the ability to conduct frequent automated scans that look for OWASP Top 10 vulnerabilities. You can also request for manual pen-testing, where security experts check your site to find if there are any complex vulnerabilities in the business layer that hackers can exploit.

Instant Patches

You can have the vulnerability patches fixed instantly through AppTrana WAF which comes with core rule sets built by experts that protects your website against OWASP Top 10 vulnerabilities.

False Positive Monitoring

You can request experts to monitor your site for false positive and tweak the site to ensure zero false positive.

Custom Patches

You can also request experts to create custom rules that are tailor made for your site to ensure flaws at the business logic level are immediately patched.

Website Acceleration

Tata Communications' Whole Site Acceleration (WSA) technology delivers the blazing fast speed and carrier-grade resilience you need to ensure content is always instantly accessible – worldwide.

24x7 Availability

Ensure your site is available through advance DDOS protection. AppTrana provides 2 levels of DDOS protection

Out of the box rate control rules and captcha protection in case of suspected DDOS attacks.

Automatic alerts and custom rules written by experts in case of sustained DDOS attacks based on attack pattern to thwart more sophisticated attacks.

Zero Downtime With Complete Cloud Deployment

The entire deployment happens with a span of few minutes. All sites are automatically on-boarded to cater to both http & https traffic. You can choose to not provide your SSL certificate, we will issue free certificates in such cases and the entire transition happens with zero downtime to customer traffic.

AppTrana built bottom up on AWS is architected keeping security & performance in mind. The highly reliable & scalable architecture ensures that machines autoscale based on load, safeguarding against any latency.

Highlights

360* View
Get to know the complete application security status with AppTrana. Detect, protect and monitor your site in a single place

Instant Protection
AppTrana provides instant protection against Layer 7 attacks and thwarts both layer 3 & 7 DDoS attacks

Compliance For Pci Dss Requirement 6.6
AppTrana WAF enables you to fulfil PCI compliance cost effectively

Zero Maintenance
With AppTrana ,we take care of all your security need. It is completely cloud, no hardware, software or tuning required from your end.

Carrier Grade CDN
Maximize website performance by leveraging TATA communications 4th largest tier-1 IP back-bone, and global footprint with strategically located dense nodes physically connected to massive IP gateways.

Real Time Update
Our robust architecture ensures real time update of attacks

> *Indusface is an example of an Indian WAF vendor that provides the SaaS-based managed Web Application Firewall. This type of solution is a good alternative for enterprises that do not want to procure new hardware and hire or train staff to manage it*

Gartner report

Key Features	Benefits
RISK DETECTION	
Automated security scans	AppTrana automatically scans your site for OWASP Top 10 vulnerabilities
Guided scans	Guided Scans can be enabled to ensure automated scans reaches pages that other scans cannot
Authenitcated scans	Provide authentication details and have scans be done behind authenticated pages
Proof of concepts	Get proof of concept for the vulnerabilties, enabling teams to priortise work on right vulnerabilties
Pen-testing by experts*	Have experts ethically hack your sites and find business logic vulnerabilties
RISK PROTECTION	
Layer 7 protection	Get AppTrana be inline to your website traffic and have it inspect traffic and allow only legit traffic to your site
Virtual patching through advance security rules	Have assured Zero false positve rules protecting OWASP Top 10 vulnerabilities out of the box
DDoS mitigation	Have DDoS be mitigated through rate control rules and expert written rules
Restrict by IP & Geo	Quickly block IP & Geo based on traffic patterns
Whitelist URI	Whitelist URI, to ensure that certain critical URI are not blocked accidentally
Captcha challenges	Enable Captcha's so that suspected traffics are challenged to ensure automatted attacks are blocked
Self learning behavourial rules	Have rules automatically become aggressive based on traffic patterns
Platform specific rule set	Have rules enabled written specifically for platforms like Joomla, WordPress etc..
Brute force mitigation through captcha	Transparent, progressive challenges for minimal user impact and reduced false positives
Protection against large volumentric attacks	Automatic Layer 3 protection through AppTrana build on AWS
Detection and mitigation of application layer DDoS attacks	Out of the box, always on protection against Layer 7 ddos attack.
Protection of origin IP address against DDoS attacks	Orgin IP is protected against DDOS and all traffic goes through WAF
Bot mitigation	Out of the box, bot rules to protect against bot attacks.
RISK MONITORING	
Guaranteed search engine access	We ensure that genuine serach engines are not blocked
False positive monitoring	Get experts monitor the crs for false positives & have rules tweaked to your site to ensure zero false positive
Premium rules	Premium rules which blocks complex layer 7 rules. Have them enabled after false positve monitoring
Premium DDoS mitigation	Get complex DDoS attacks mitigated through expert monitoring and customized rules based on attacks
Custom rules made by experts	Complex business logic vulnerabilities can be protected through experts written rules
Zero-day rule set	Get instantanious protection for zero-day vulnerabilities through continuous updates written by experts
Instant customization and propogation of security rules	Rules can be pushed instantly and propogated through out the infra.
24X7 management by certified application security experts	Real time incident monitoring, response and reporting
WEBSITE ACCELERATION	
Carrier grade CDN	With the world's 4th largest, wholly-owned Tier-1 IP back- bone network: TATA Communications Whole site Acceleration reduce latency to ensure content reaches users in the shortest possible time
Content optimization	accelerate site content through optimization techniques like minification, auto-compression etc.
Automatic static content caching	Cache static contents like images, java script files and css
Dynamic content caching	Cache dynamic contents by enabling advance caching.
Manual cache purge	Cache items can be instantly purged through the portal
Custom cache header	Advance caching policies can be crafted using url parameters, file paths
ADMINISTRATION	
Zero down time on-boarding	Entire migration can be done to AppTrana with zero downtime to customers. AppTrana ensures no traffic is lost
High availability	Ensure 24*7 availability through highly scalable architecture
No hardware, software or tuning required	With completed cloud deployment, no need for any software, hardware or tuning from your end
PCI certification	AppTrana is PCI Compliant and enables you to meet PCI DSS 6.6 compliance cost effectively
Bypass mode	Retain complete control of the site and have ability to bypass AppTrana with a single click
Log mode	Have ability to have all rules in log mode and monitor logs to ensure no false positives
SSL	Terminate SSL connections without any overhead or additional latency. Have rules apply to SSL traffic without having to upload certificates
Real-time logging	Get real time access to logs and ensure quick notification and action in case of attacks
Support	24/7/365 support backed by guaranteed response time SLA

*at addidtional cost