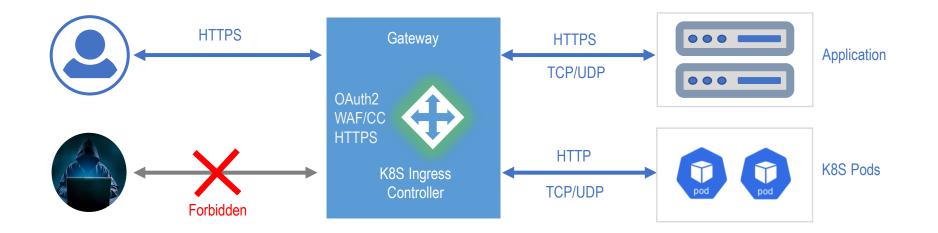
Janusec Application Gateway

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JANUSEC Provide Fast and Secure Application Delivery

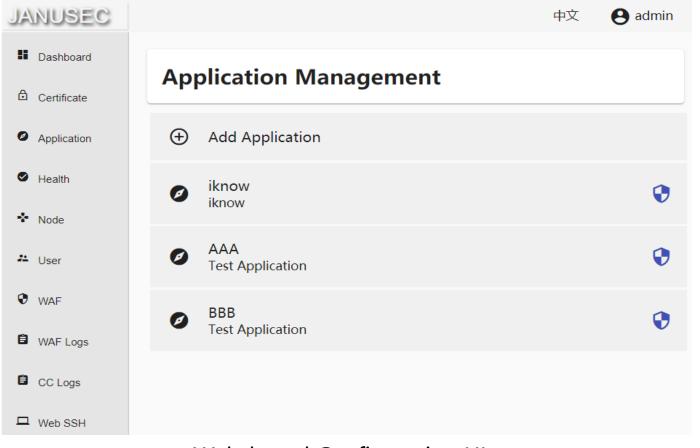


Security Denfense (WAF/CC) Security Improvement Pro (Authentication) Bac Load Balance (Content Acceleration)

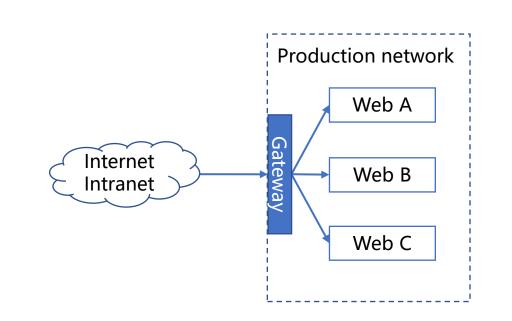
Full HTTPS

Protected Backend

Feature 1: Fast Delivery (Web UI)

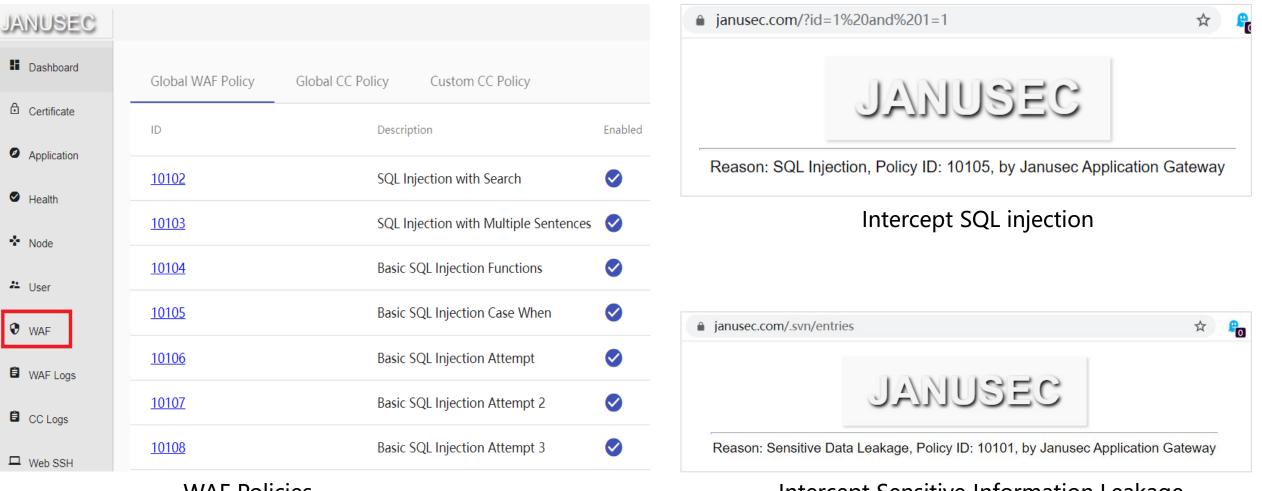


Web-based Configuration UI



Quick release, improve efficiency and reduce costs

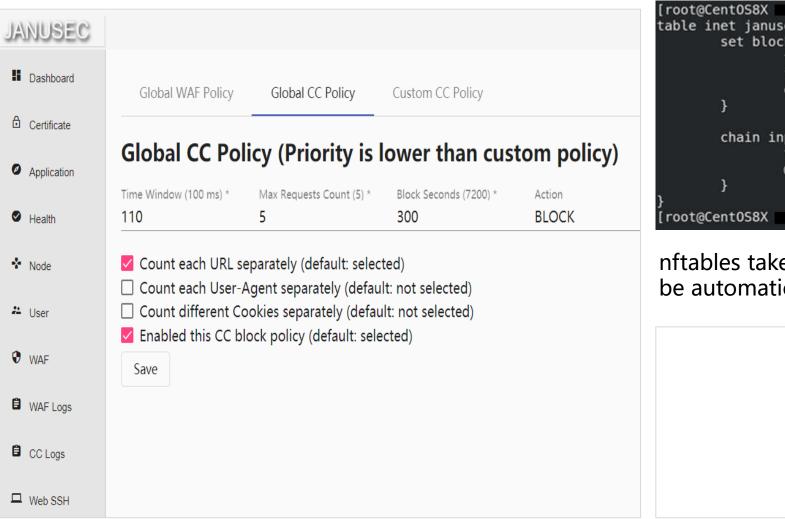
Feature 2: Built-in WAF, anti-hacking



WAF Policies

Intercept Sensitive Information Leakage

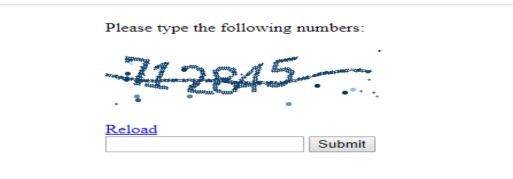
Feature 3: Built-in CC, Prevent attacks, link with firewall or CAPTCHA



CC Policy Configuration

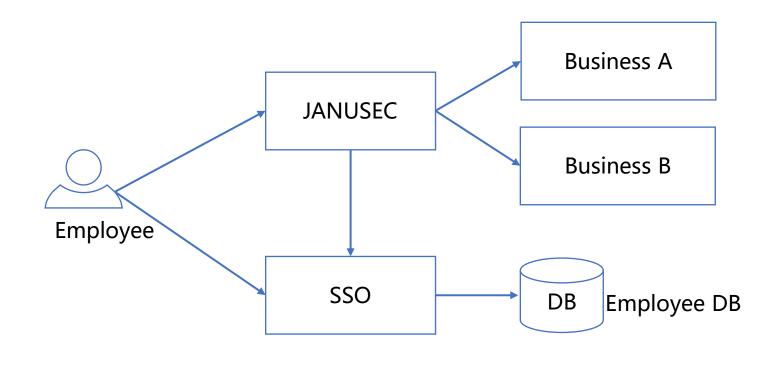
[root@CentOS8X]# nft list ruleset
table inet janusec {
 set blocklist {
 type ipv4_addr
 flags timeout
 elements = { 192.168.100.1 timeout 5m expires 3m50s968ms }
 }
 chain input {
 type filter hook input priority 0; policy accept;
 @nh,96,32 @blocklist drop
 }
}
[root@CentOS8X]#

nftables takes effect, the attacking IP is blocked and will be automatically unblocked (Optional)



CAPTCHA Demo (Optional)

Feature 4: Authentication (Protect Internal Web Apps)



Optional Authentication Mechanism:

- WeCom Scan Code
- Dingtalk Scan Code
- Feishu Scan Code

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• LDAP+Authenticator 2FA

Feature 5: HTTPS quality assurance, private key encrypted storage

Domain Configuration			
Domain name (editable) *	Certificate * *.janusec.com	Redirect to (301): https://www.your-domain.com/	÷
Domain Configuration			
Domain name (editable) *	*.janusec.com	ect to (301): https://www.your-domain.com/	÷
	No Certificate (HTTP Or	nly)	

Business does not need to hold a digital certificate, just drop down to select the certificate



HTTPS Security Check Result

Security guarantee provided by JANUSEC:

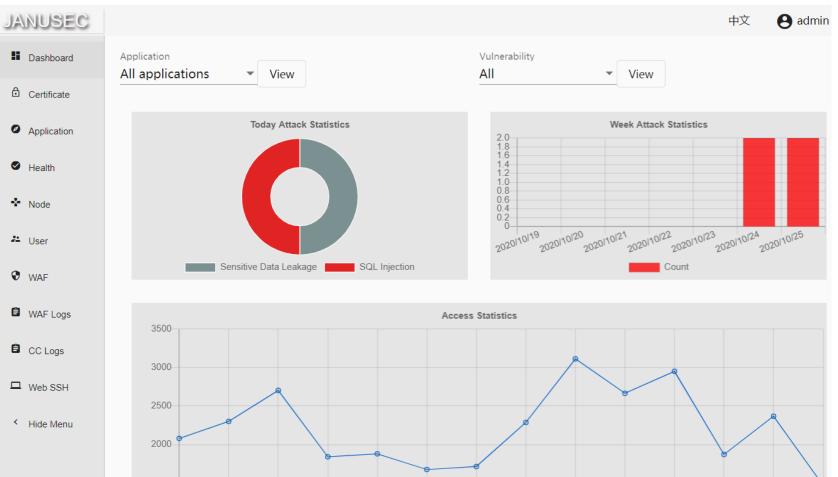
- Disable insecure SSL/TLS versions, use TLS 1.2 or above
- Use forward security algorithm (when the master key is leaked, the security of historical communication records will not be affected)
- One-click to enable HSTS (browser default HTTPS) or automatically redirect to HTTPS (301 redirect)
- The private key is encrypted and stored in JANUSEC to prevent the hidden danger of leakage caused by the random storage of various businesses

Feature 6: Built-in Web SSH (record employee ID, auditable)

JANUSEC						
Dashboard						
Certificate	□Web SSF	- Term				
	IP Address *	Port *	Username *	Password *		
Application	127.0.0.1	22	root	•••••	SSH	
Health	Connecting 127.0.0.1:22 Please wait a moment! Activate the web console with: systemctl enablenow cockpit.socket					
* Node	Last login: Sun Oct 25 13:40:00 2020 [root@CentOS8X ~]# 11					
n User	total 8 -rw 1 root root 1648 May 31 13:42 anaconda-ks.cfg -rw-rr 1 root root 1803 May 31 13:58 initial-setup-ks.cfg					
WAF	[root@CentOS8X ~]# systemctl status janusec • janusec.service - Janusec Application Gateway					
WAF Logs	Loaded: loaded (/usr/lib/systemd/system/janusec.service; enabled; vendor pre> Active: active (running) since Sun 2020-10-25 13:35:58 CST; 7h ago Docs: http://www.janusec.com/					
CC Logs	Main PID: 1117 (janusec) Tasks: 5 (limit: 11492)					
□ Web SSH	Memory: 22.5M CGroup: /system.slice/janusec.service L1117 /usr/local/janusec/janusec					
< Hide Menu	Oct 25 13:35:58 CentOS8X systemd[1]: Started Janusec Application Gateway. [root@CentOS8X ~]#					

You can log in to the target server through a browser, the channel is safe and controllable, and the log is associated with the employee ID

Other Features



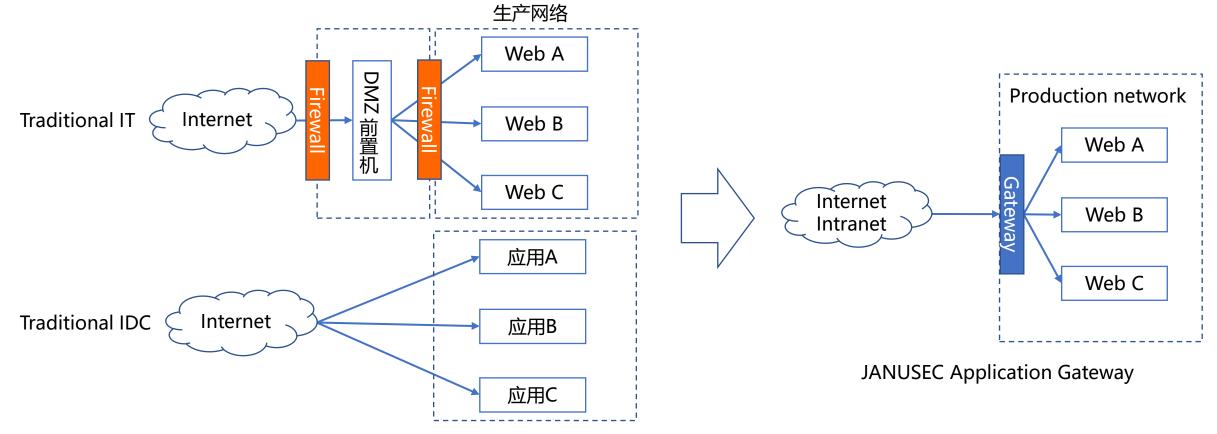
- Dashboard
 - WAF Statistics
 - Access Statistics

□ Load Balance

- Multiple Nodes
- Content Acceleration
- Hosts Health Check
 - Stop Forward to Offline Hosts
 - Automatically Detect and Resume Forwarding

□ Content Security Policy (CSP)

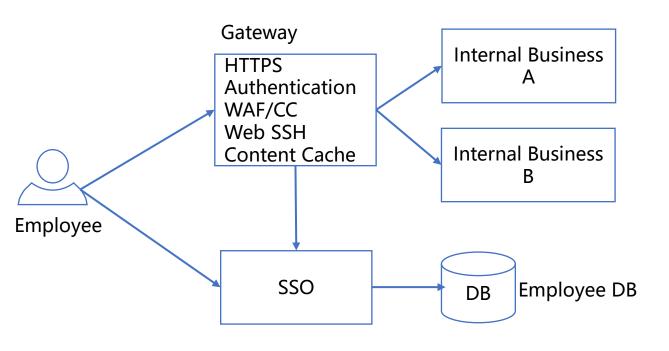
Typical Scenario (1): Simplify publishing process and firewall management



Feature	Traditional IT	Traditional IDC	JANUSEC Application Gateway
Publishing	Front-end physical server deployment or forwarding server configuration	The server publishes directly to the outside through the external network interface card	Simple and efficient through Web UI
Firewall	Apply for firewall policy	 No need to apply for Firewall policy (or need to register) 	Not needed
High risk ports	Rarely open high-risk ports by mistake	Prone to accidentally open high-risk ports	 Will not open high-risk ports by mistake (only internal network interface card is configured for business)

Comparison of traditional publishing model and JANUSEC publishing model

Typical Scenario (2): Integrated Authentication, HTTPS, Security defense, Web SSH, Load balancing



- Applicable to the internal promotion of the whole site HTTPS
- Open authentication in batches for businesses that lack internal authentication mechanisms
- Protect business from web intrusion & CC attacks
- Provide convenient and auditable Web SSH channels
- Provide load balancing and content acceleration (multi-node deployment)

Thank you!

https://www.janusec.com/