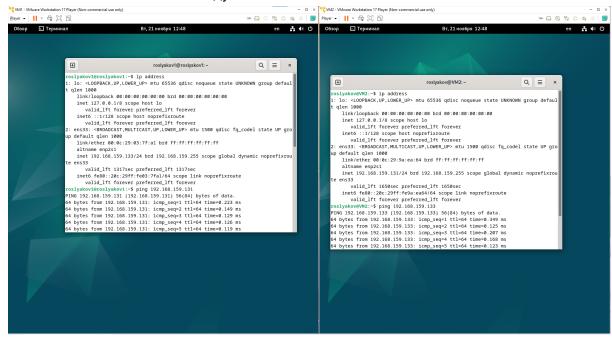
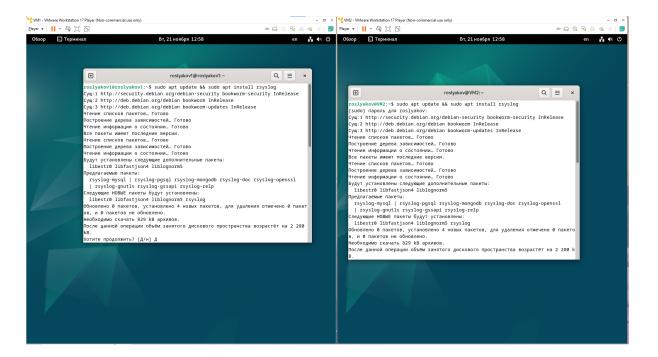
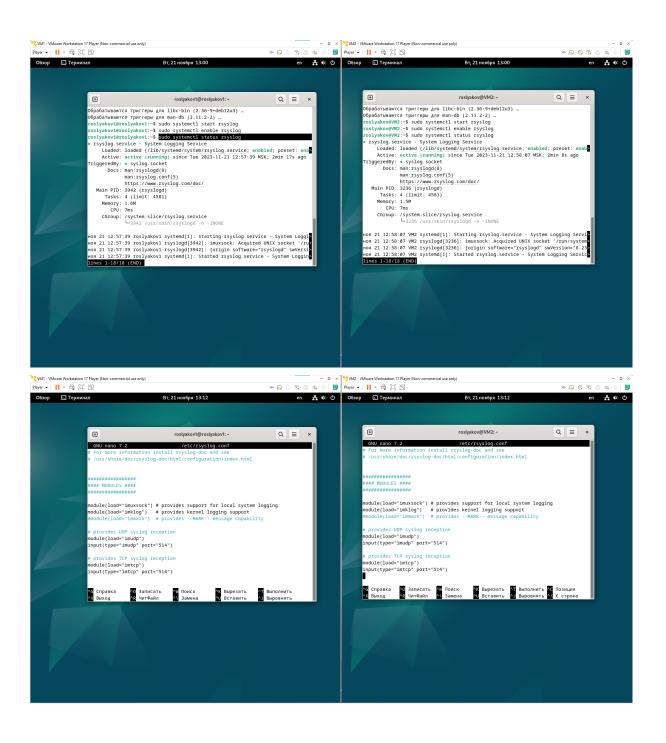
- 1) созданы 2 виртуальные машины на базе Debian 12
- 2) обеспечен сетевой обмен между ними

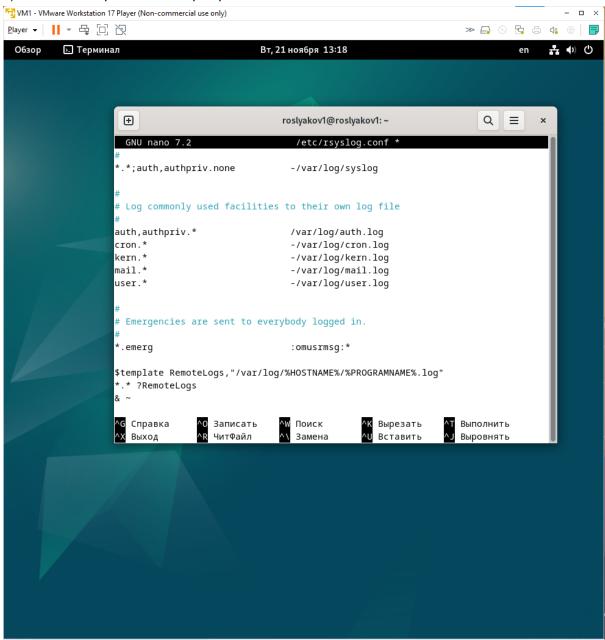


3) Включен на 1й из ВМ передачу логов по протоколу rsyslog на 2ю ВМ

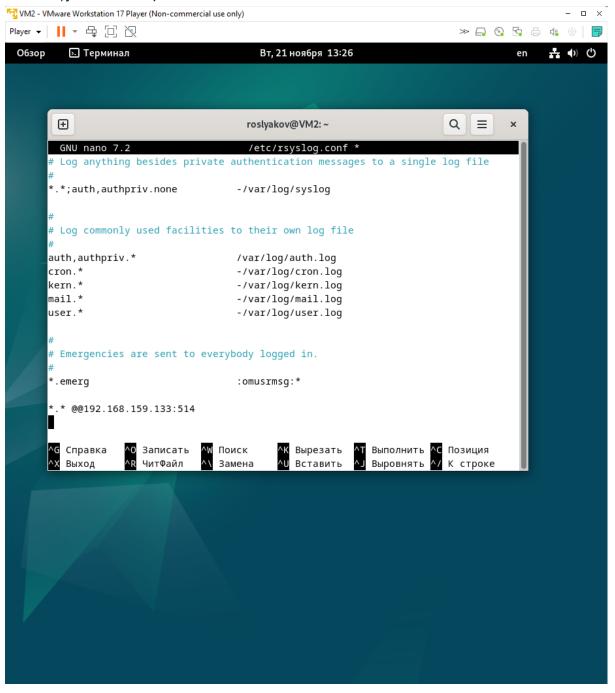




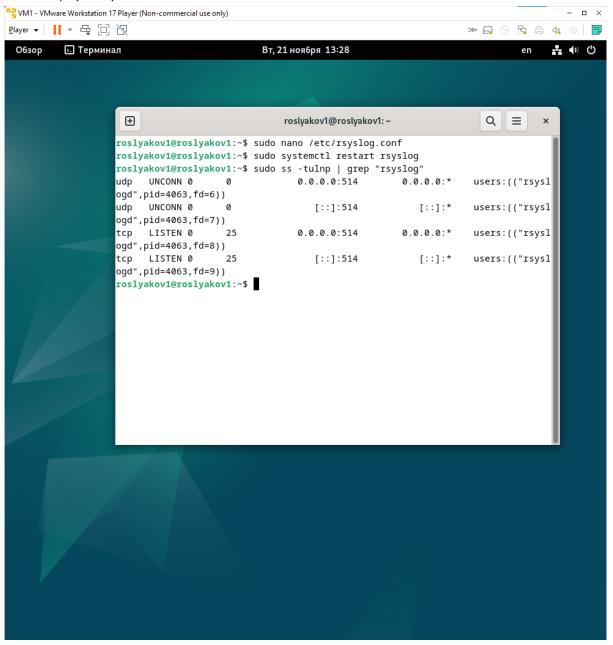
4)Установка правил на сервер



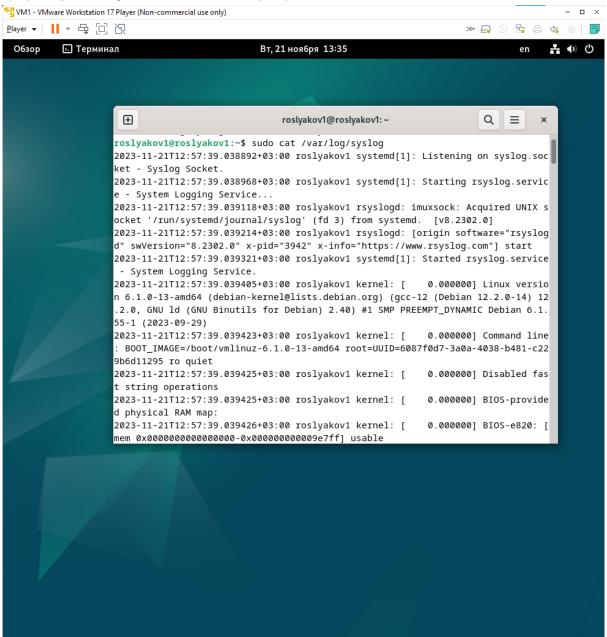
5)установка правил на клиент



6)Проверка



7)Проверка получения логов на сервере



8)Запуск контейнеров Loki и Grafana

```
\oplus
                               roslyakov1@roslyakov1: ~
roslyakov1@roslyakov1:~$ sudo docker run -d --name=loki -p 3100:3100 grafana/lo
Unable to find image 'grafana/loki:latest' locally
latest: Pulling from grafana/loki
7264a8db6415: Pull complete
95959d24c6a5: Pull complete
24832b05718c: Pull complete
f2c1184e4d69: Pull complete
52aa554919fe: Pull complete
e7b72d49fcb6: Pull complete
Digest: sha256:6074e01dbe03cbf8f848c478f7e98df326f984d263162eff5bd47db3970f7ffb
Status: Downloaded newer image for grafana/loki:latest
be6043b25a74c0469a32f9a66f47521b44cefa94b4102b14f52a7a50584f0eb6
roslyakov1@roslyakov1:~$ sudo docker run -d --name=grafana -p 3000:3000 grafana
Unable to find image 'grafana/grafana:latest' locally
latest: Pulling from grafana/grafana
96526aa774ef: Pull complete
932a65841cb5: Pull complete
a486d8a79b5f: Pull complete
9f17a73c904a: Pull complete
c1ade82e0f62: Pull complete
882619e0a642: Pull complete
2f0808654570: Pull complete
df5835f957f7: Pull complete
b94284e881a5: Pull complete
3e944d3294a3: Pull complete
Digest: sha256:e3e9c2b5776fe3657f4954dfa91579224f98a0316f51d431989b15425e95530f
Status: Downloaded newer image for grafana/grafana:latest
16d2b28da0f55230bf7183020e06f6971cadc0dcee4b6d003b0d67f78ddacb84
```

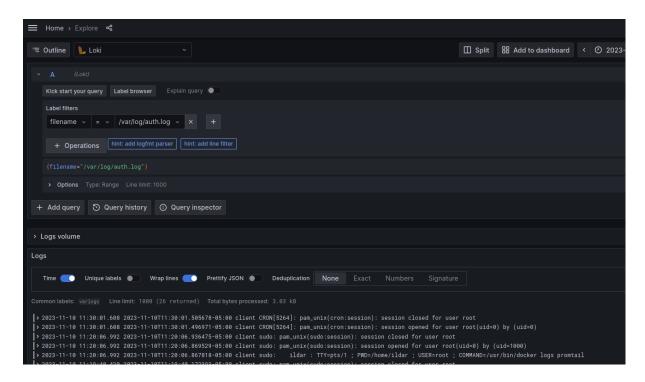
9)запуск promtail

```
roslyakov1@roslyakov1:~$ sudo docker run -d --name=promtail -v /var/log:/var/lo
g -v /home/roslyakov1/promtailconf:/etc/promtail/config.eml grafana/promtail
Unable to find image 'grafana/promtail:latest' locally
latest: Pulling from grafana/promtail
e67fdae35593: Pull complete
40fc0fd1b651: Pull complete
695575f8fc12: Pull complete
e733908d7d5f: Pull complete
8329f7ce5bd9: Pull complete
09f61dac9b77: Pull complete
Digest: sha256:3ec78a089e5cb5173f5348ee29de4d3cdab29493776ac5704db8727fa0cda60f
Status: Downloaded newer image for grafana/promtail:latest
3dc268f2c77d5a95398e175c90f4dca3c3b6860616920c9c3877dc26ce937207
roslyakov1@roslyakov1:~$
```

10)конфиг Promtail

```
GNU nano 7.2
server:
 http_listen_port: 9080
 grpc_listen_port: 0
positions:
 filename: /tmp/positions.yaml
clients:
 - url: http://10.0.0.10:3100/loki/api/v1/push
scrape_configs:
- job_name: system
 static_configs:
 - targets:
     - localhost
   labels:
     job: varlogs
      __path__: /var/log/*log
```

11) проверка работы Grafana



12) проверка работы Signoz

