

WNAM , :

- NAS (/ , , VPN ..);
- , WNAM;
- Linux WNAM, ;
- - ;
- ;
- .

, WNAM. , , WNAM . , info@netams.com. - WNAM "" : , , , Windows ..

WNAM , . WNAM.

, :

- ;
- .

. WNAM, : , .

, , WNAM , . :

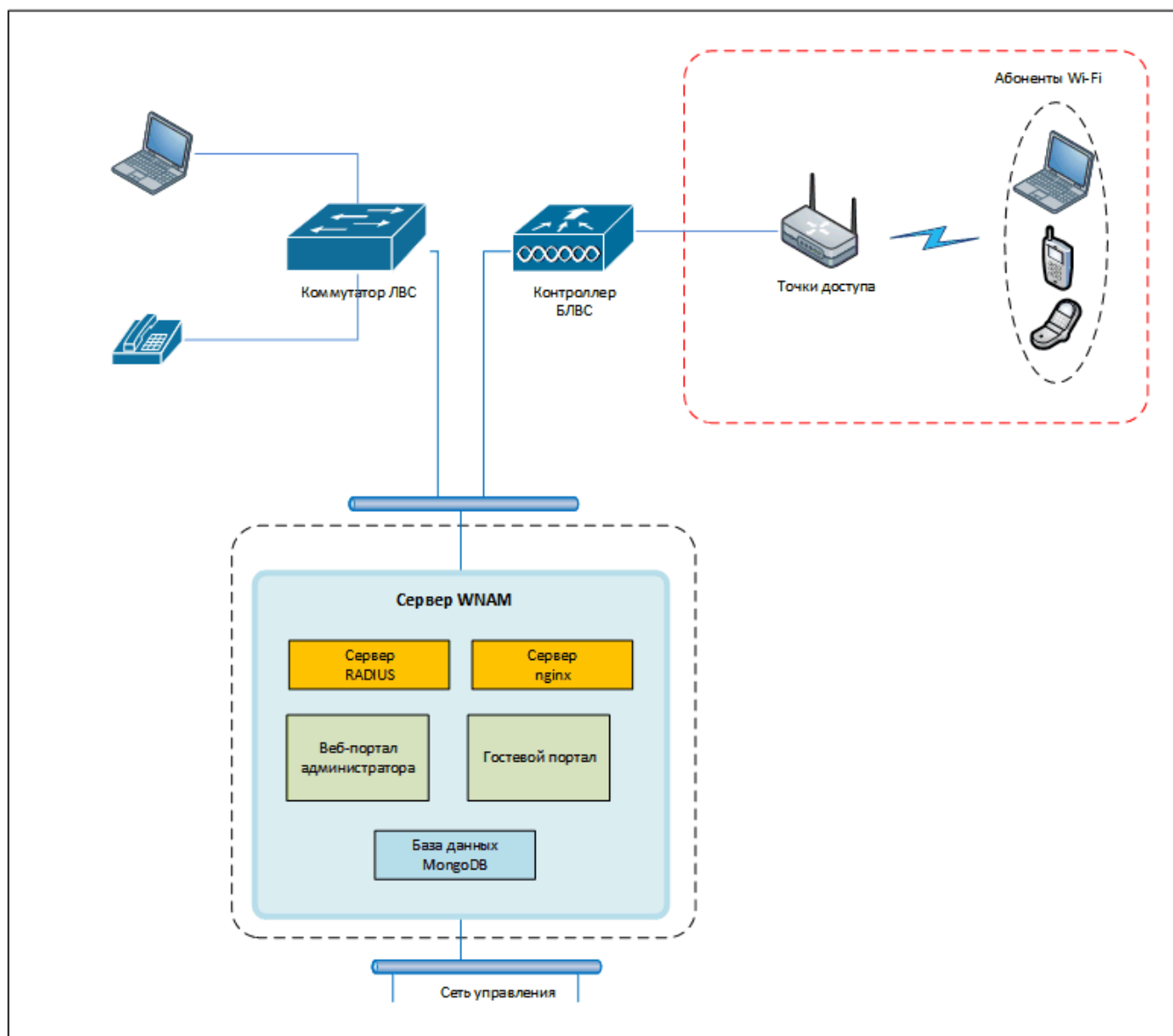
- /;
- ;
- .

, WNAM , Web- RADIUS-, . ,:

- 50% (.. LA);
- RADIUS- 40 .

1.

200 (.. 1000) 200 , , .

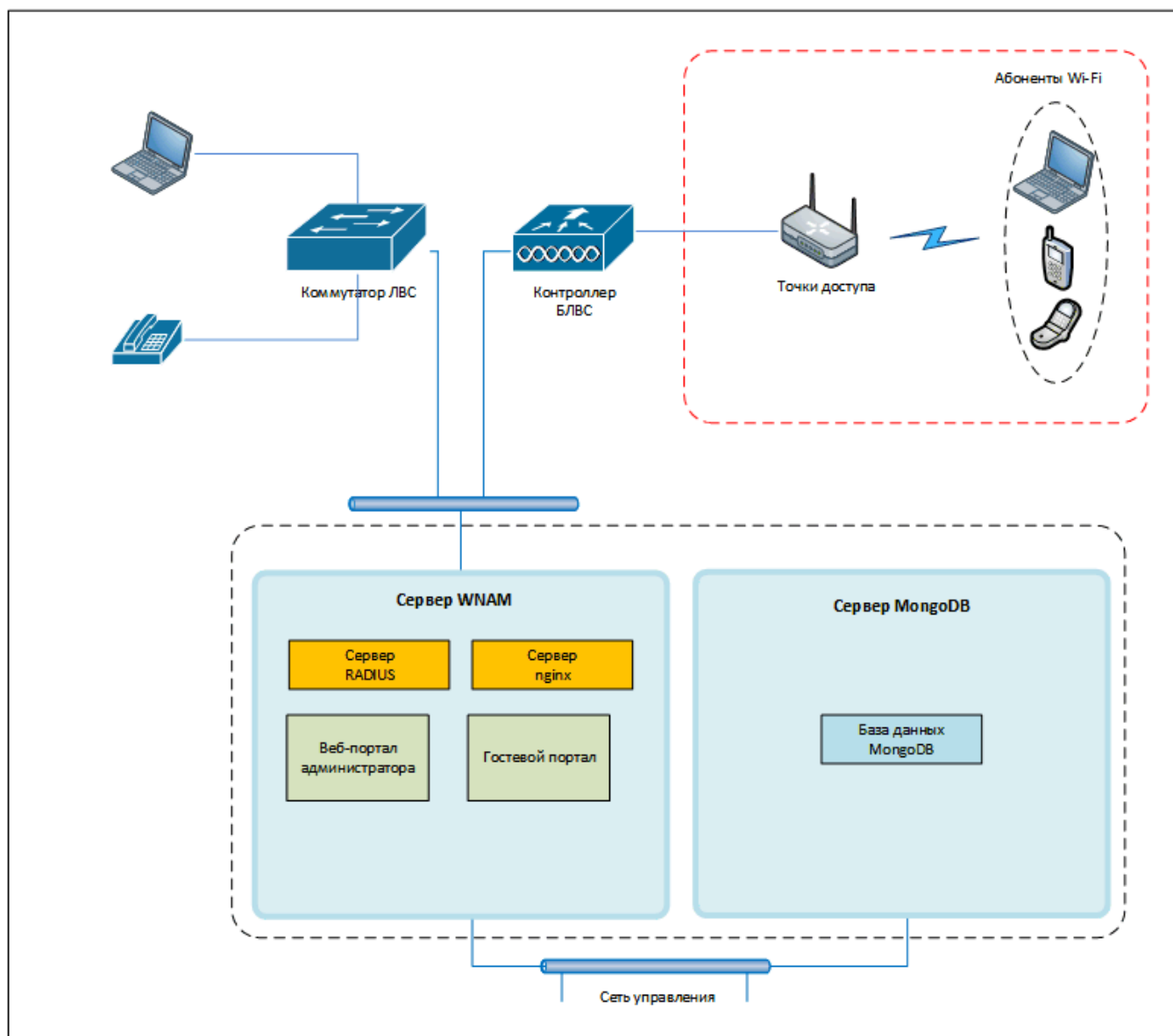


:

- : 2-4 vCPU;
- : 8 Gb vRAM;
- : 50 HB HDD ().

2.

500 (.. 5000) 500 , MongoDB.



:

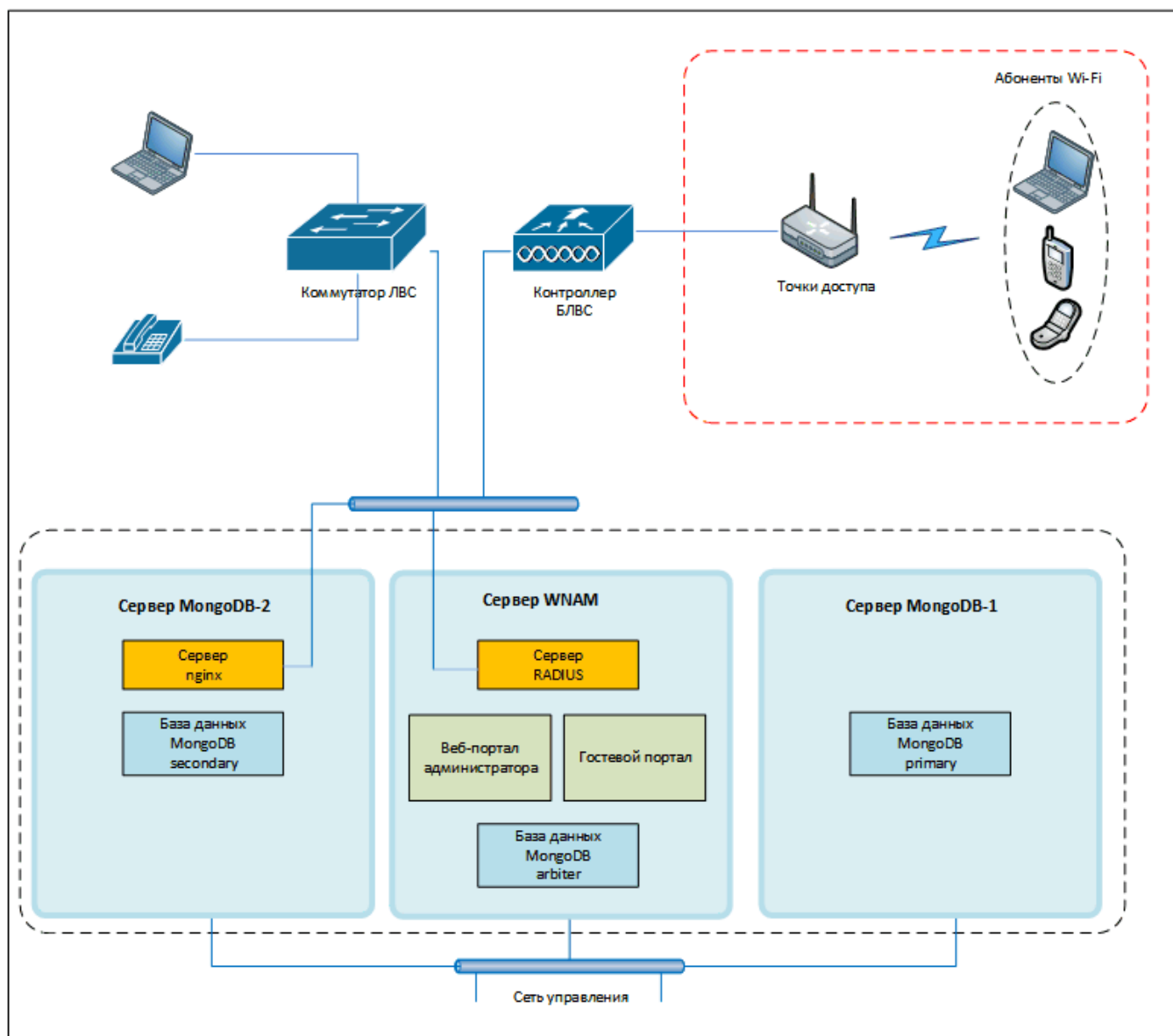
- : 2-4 vCPU;
- : 8-16 Gb vRAM;
- : 50 HB HDD ().

MongoDB :

- : 50 HB HDD (SSD).

3.

1000 (.. 10000) 1000 , MongoDB. (primary, secondary, arbiter), , . - , SSL- .



MongoDB () WNAM / ().

:

- : 4-8 vCPU;
- : 16 Gb vRAM;
- : 50 HB HDD () .

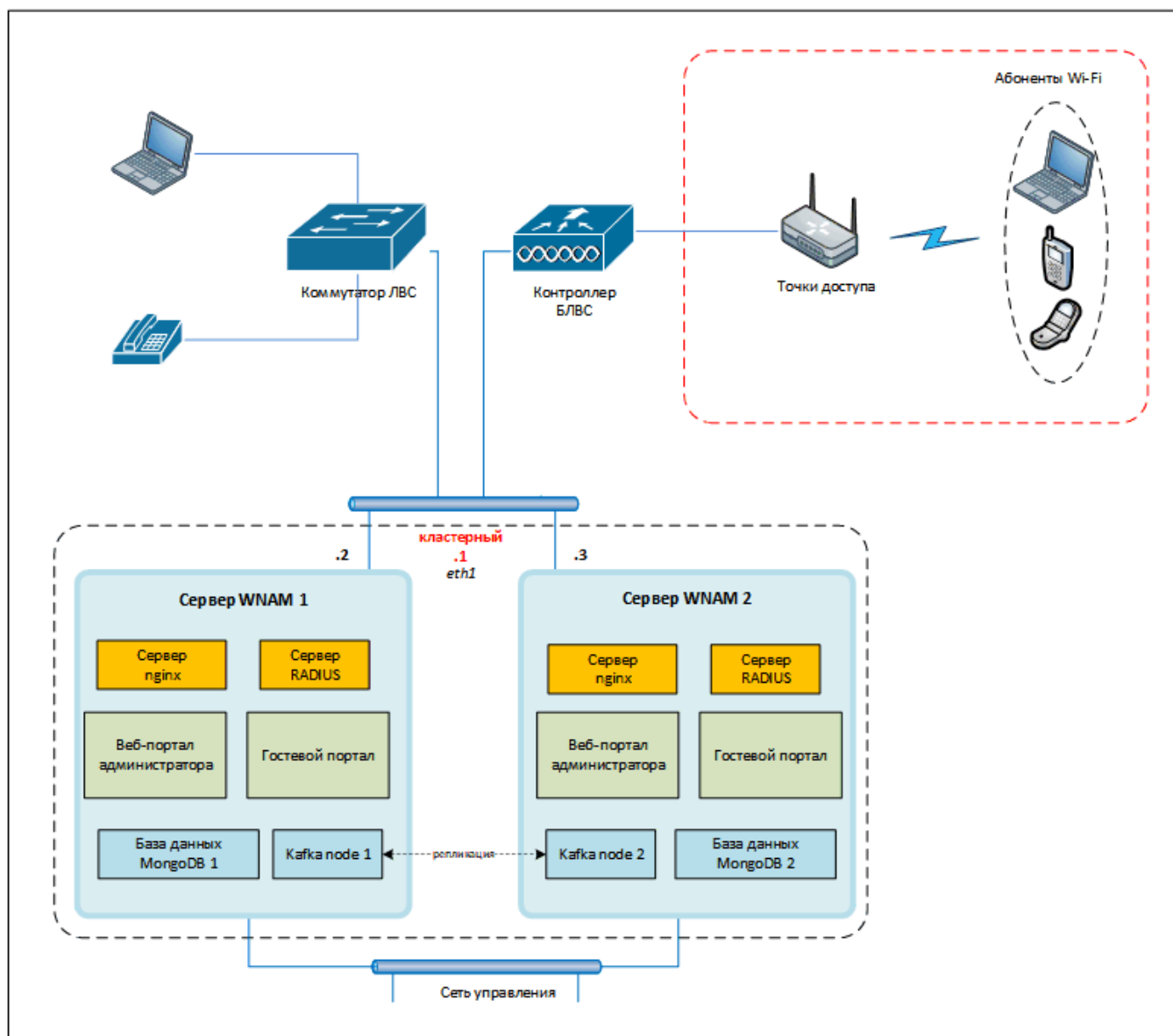
MongoDB (primary, secondary) :

- : 50 HB HDD (SSD) - ;
- : 500 HB HDD (SATA) - .

4.

2 3, , WNAM, .

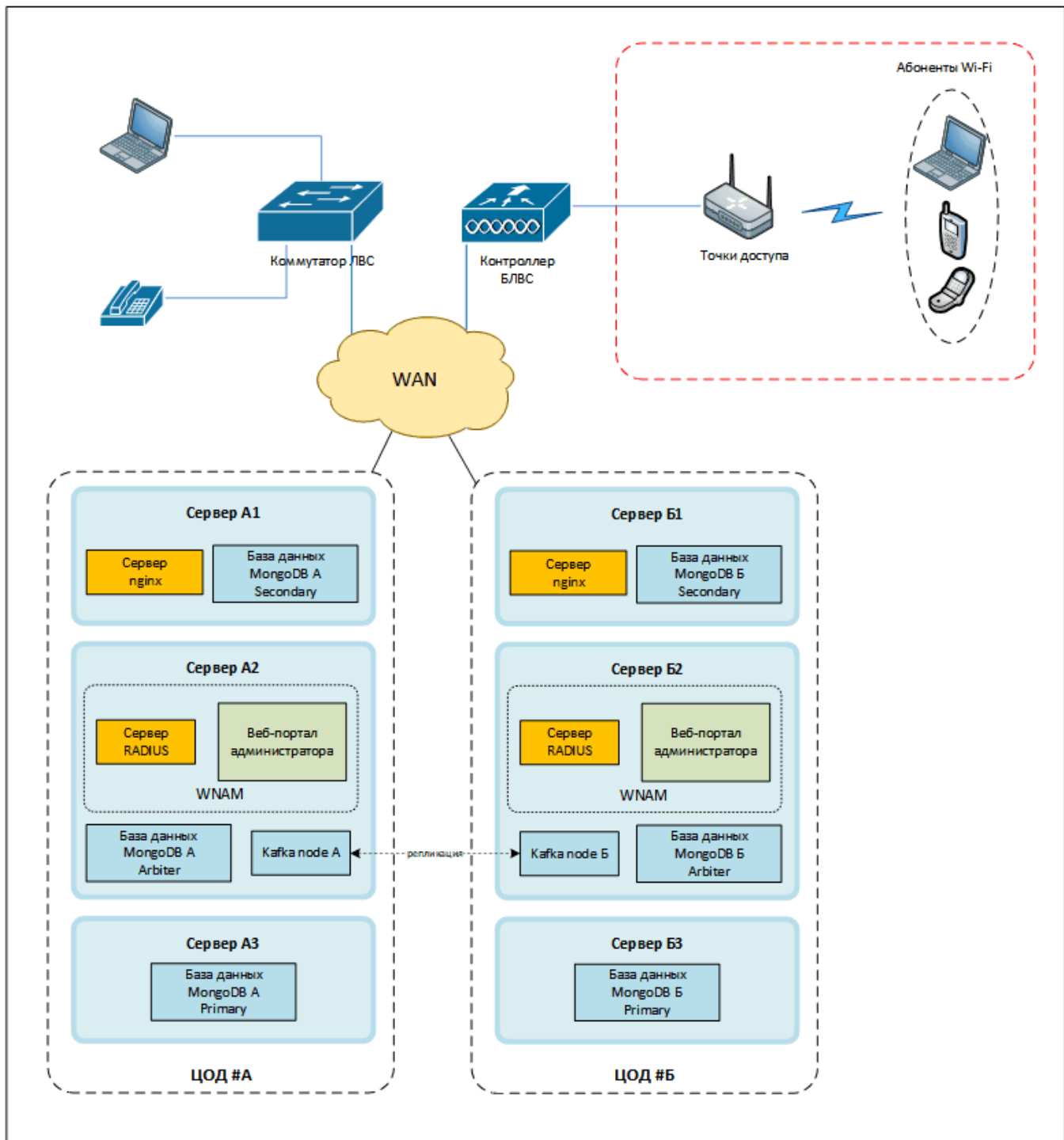
(4.1) MongoDB, () MongoDB, WNAM.



с Kafka.

-, HTTP- IP- . IP- (.1) RADIUS- .

, WNAM -, RADUIS- IP- (.2 .3). . . () IP-, . , WNAM, (-), 4.2:

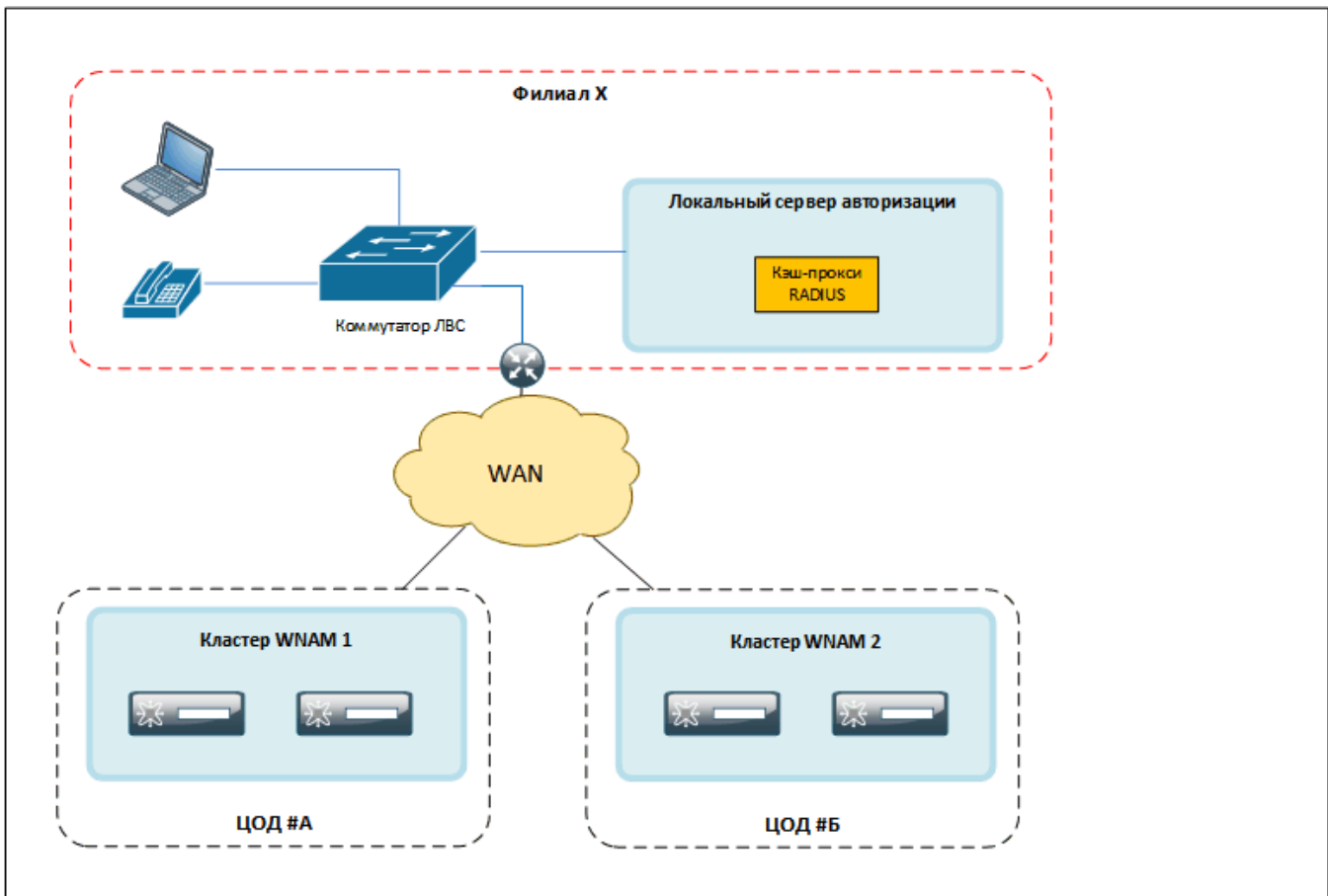


() WNAM , :

- : 8 vCPU;
- : 32 Gb vRAM;
- : 50 HB HDD () ;
- : 50 HB HDD (SSD) - (1 3);
- : 500 HB HDD (SATA) - (2).

6.

() (), WNAM, , . (, / , ..) , (RADIUS-/), WNAM. , , .



Docker- , :

- : 1-2 vCPU;
- : 2 Gb vRAM;
- : 16 HB HDD ().

WNAM , (), , (,) TPC/IP. .

WNAM :

- , MongoDB: cron (- Unix) , , () , ;
- , .

MongoDB , (" "). , , .

WNAM Java-, - (" -"), / . , , :

1. - .
2. SSL-, , .
3. nginx.

0 :

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/images/	
/css/	
/js/	
/fonts/	
/cp/	
/wnam/	
/lk/	/

, IP-, , (/etc/nginx/sites-available/wnam):

```
server {
    listen 443 ssl default_server;
    listen [::]:443 ssl default_server;
    ssl_certificate /etc/nginx/cert/fullchain_2023.crt;
    ssl_certificate_key /etc/nginx/cert/key2023.key;
    ssl_protocols TLSv1 TLSv1.1 TLSv1.2;
    ssl_prefer_server_ciphers on;
    ssl_ciphers "EECDH+AESGCM:EDH+AESGCM:AES256+EECDH:AES256+EDH";
    ssl_ecdh_curve secp384r1;
    ssl_session_cache shared:SSL:10m;
    ssl_session_tickets off;
    ssl_stapling on;
    ssl_stapling_verify on;
    resolver 8.8.8.8 8.8.4.4 valid=300s;
    resolver_timeout 5s;
    add_header Strict-Transport-Security "max-age=63072000; includeSubdomains";
    add_header X-Frame-Options SAMEORIGIN;
    add_header X-Content-Type-Options nosniff;

    ssl_dhparam /etc/ssl/certs/dhparam.pem;

    root /var/www/html;
    index index.html;
    server_name wifi.provider.ru;
    client_header_buffer_size 16k;
    large_client_header_buffers 2 16k;

    location / {
        proxy_pass http://127.0.0.1:8080/;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        proxy_set_header Host $host;
        proxy_set_header X-Forwarded-Proto $scheme;
        proxy_read_timeout 300;
        proxy_connect_timeout 300;

        proxy_buffer_size 16k;
        proxy_buffers 4 16k;
        proxy_busy_buffers_size 16k;
        client_body_buffer_size 16K;
        client_max_body_size 8m;
    }

    location /wnam/ {
        proxy_pass http://127.0.0.1:8080/wnam/;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        proxy_set_header Host $host;
        proxy_set_header X-Forwarded-Proto $scheme;
        proxy_read_timeout 300;
        proxy_connect_timeout 300;
    }
}
```

```
allow 127.0.0.1; # internal page contructor
allow 192.168.199.0/24; #
allow 234.56.78.90; # ,
deny all;

client_max_body_size 20M;
}
}
```