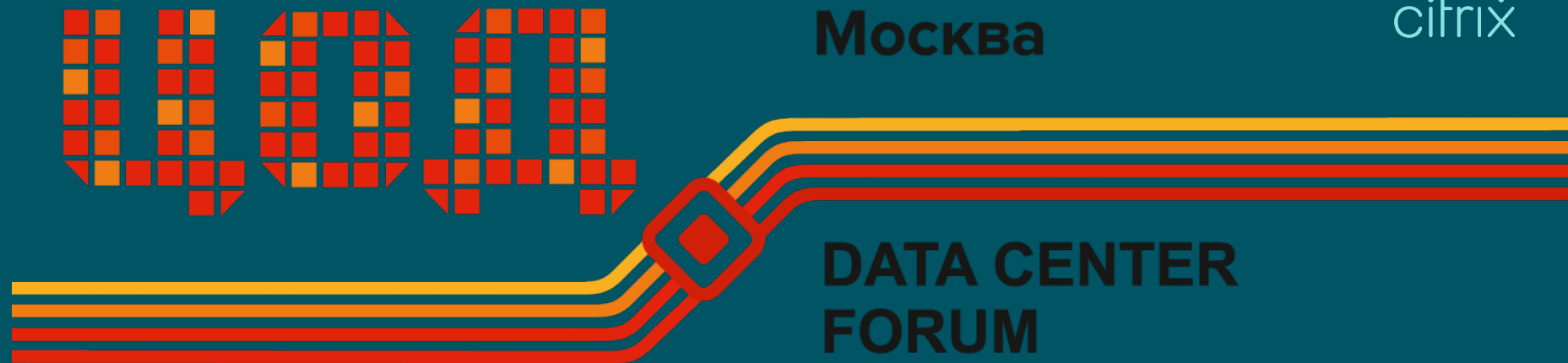


# Использование SD-WAN для объединения ЦОД с облачной инфраструктурой

Соболев Михаил  
Системный Инженер Citrix

08.09.2021

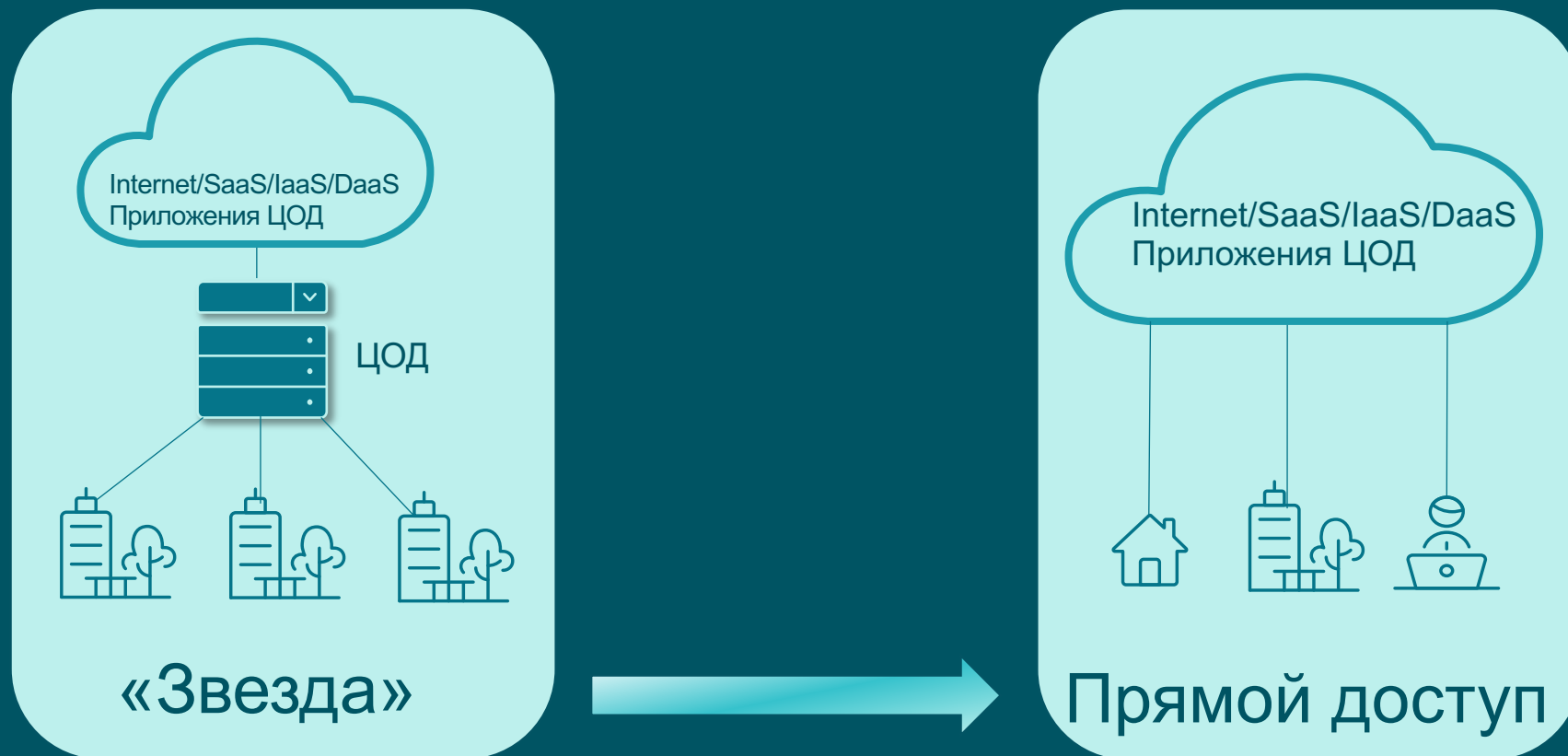


Москва

**citrix**

**DATA CENTER  
FORUM**

# Эволюция работы с приложениями



Устаревшие аппаратные архитектуры влияют на качество работы

# SD-WAN - компонент IT будущего



Автоматизация  
Консолидация функций

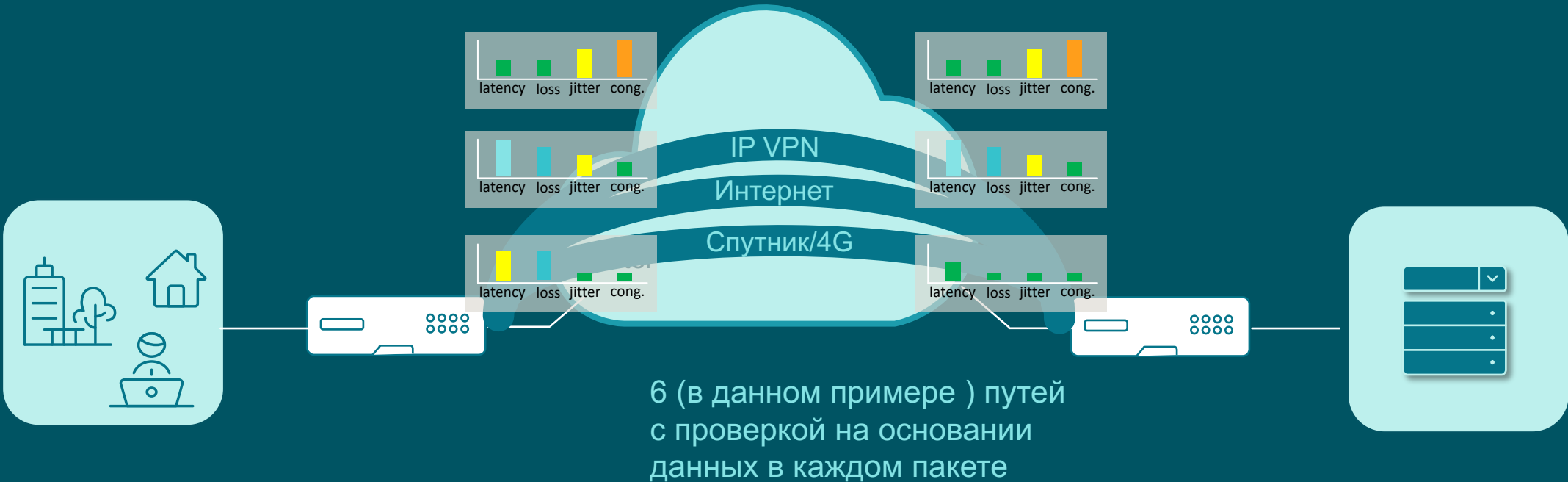


Устранить простои и проблемы  
с производительностью  
приложений



Уменьшение стоимости и  
сложность управления  
удаленными площадками

# Citrix SD-WAN



Path Statistics Advanced

Filter:  in Any column Apply

Show 100 entries Showing 1 to 12 of 12 entries

| Nunt | From Link           | To Link             | Congestion | Path State | Reason | Duration (S) | Virtual Path Service State | Src Port | Dst Port | MTU  | BOWT | Jitter (mS) | Packets Received | OOO | Loss % | kbps  | Virtual Path Service Type |
|------|---------------------|---------------------|------------|------------|--------|--------------|----------------------------|----------|----------|------|------|-------------|------------------|-----|--------|-------|---------------------------|
| 1    | DC_INET1            | BR1_INET1           | NO         | GOOD       | N/A    | 87923        | GOOD                       | 4980     | 4980     | 1488 | 2    | 4           | 119              | 0   | 0.00   | 23.63 | Static                    |
| 2    | DC_INET1            | BR1_LTE (standby-m) | NO         | GOOD       | N/A    | 149321       | GOOD                       | 4980     | 4980     | 1488 | 2    | 6           | 5                | 0   | 0.00   | 0.39  | Static                    |
| 3    | DC_MPLS             | BR1_MPLS            | NO         | GOOD       | N/A    | 87923        | GOOD                       | 4980     | 4980     | 1488 | 2    | 10          | 104              | 0   | 0.00   | 11.38 | Static                    |
| 4    | BR1_INET1           | DC_INET1            | NO         | GOOD       | N/A    | 149330       | GOOD                       | 4980     | 4980     | N/A  | 2    | 4           | 133              | 0   | 0.00   | 30.44 | Static                    |
| 5    | BR1_LTE (standby-m) | DC_INET1            | NO         | GOOD       | N/A    | 149310       | GOOD                       | 4980     | 4980     | N/A  | 2    | 6           | 5                | 0   | 0.00   | 0.39  | Static                    |
| 6    | BR1_MPLS            | DC_MPLS             | NO         | GOOD       | N/A    | 149330       | GOOD                       | 4980     | 4980     | N/A  | 2    | 10          | 104              | 0   | 0.00   | 13.47 | Static                    |

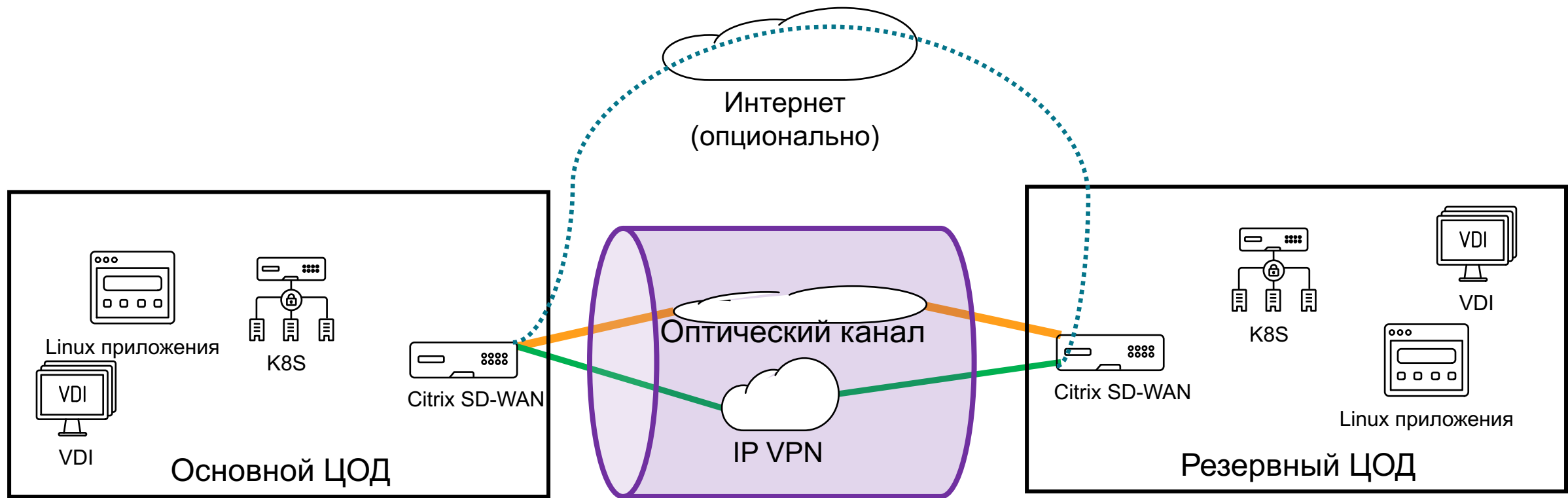
# Сценарий №1 Объединения Центров Обработки данных

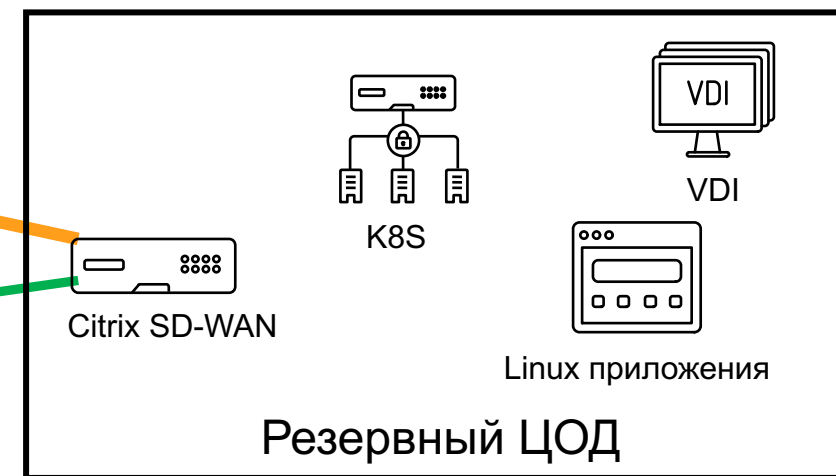
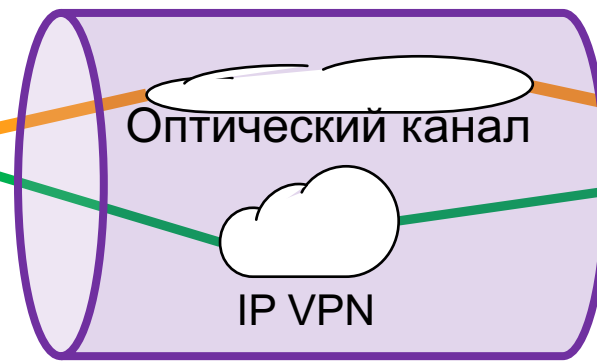
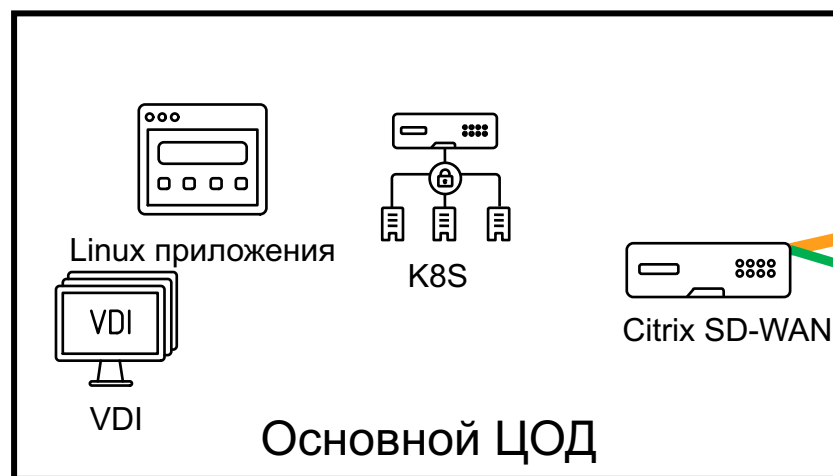
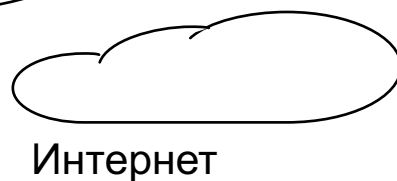
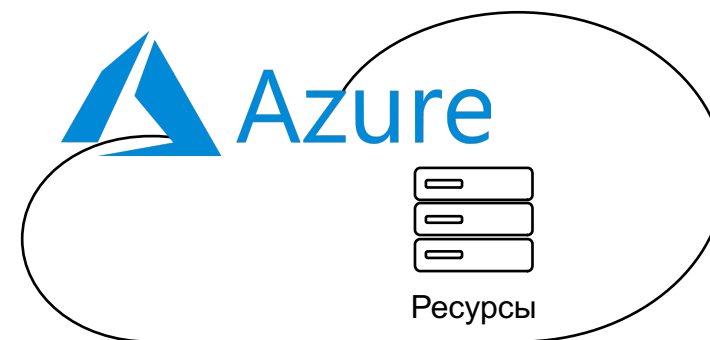


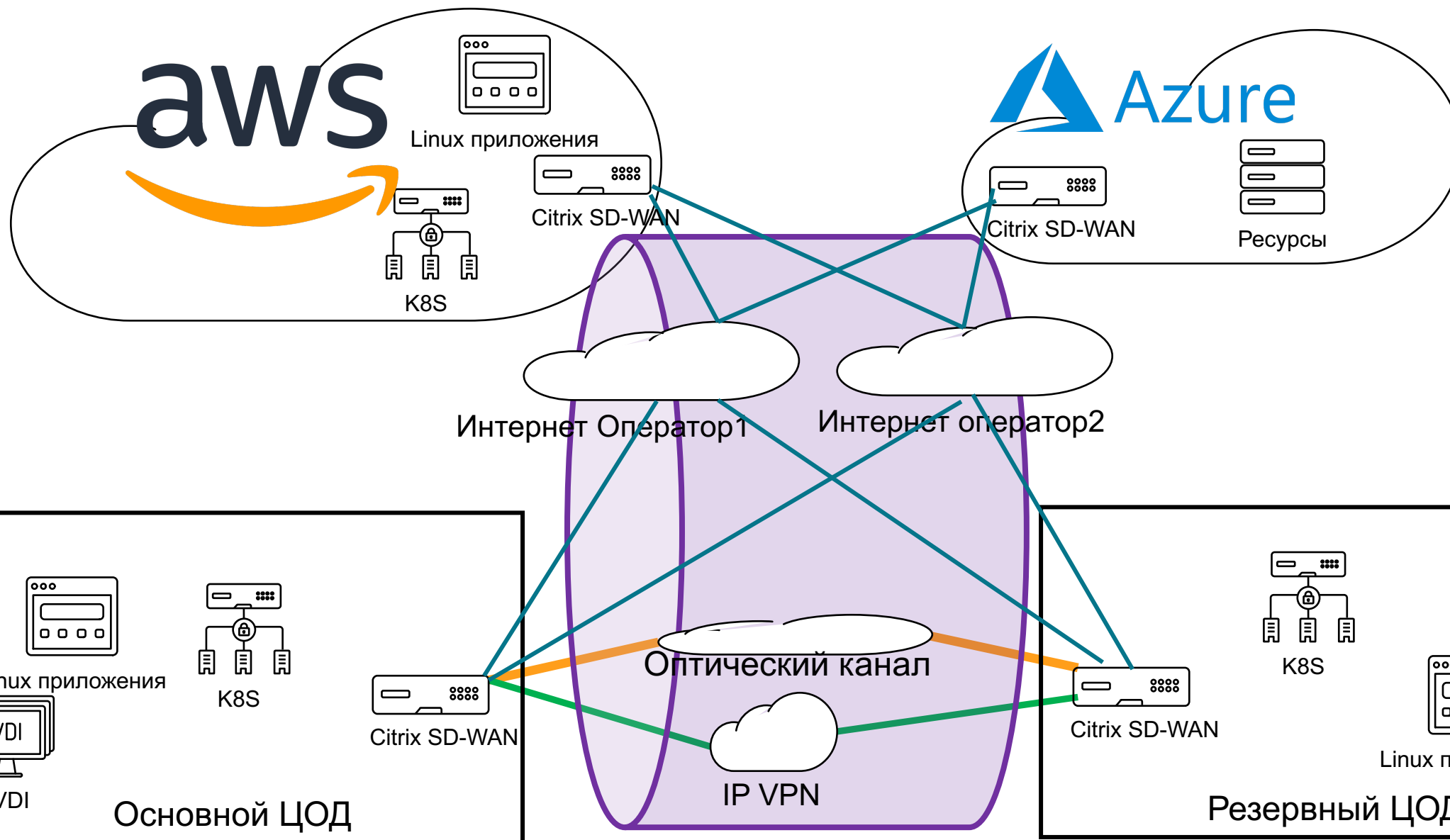
Москва

DATA CENTER  
FORUM









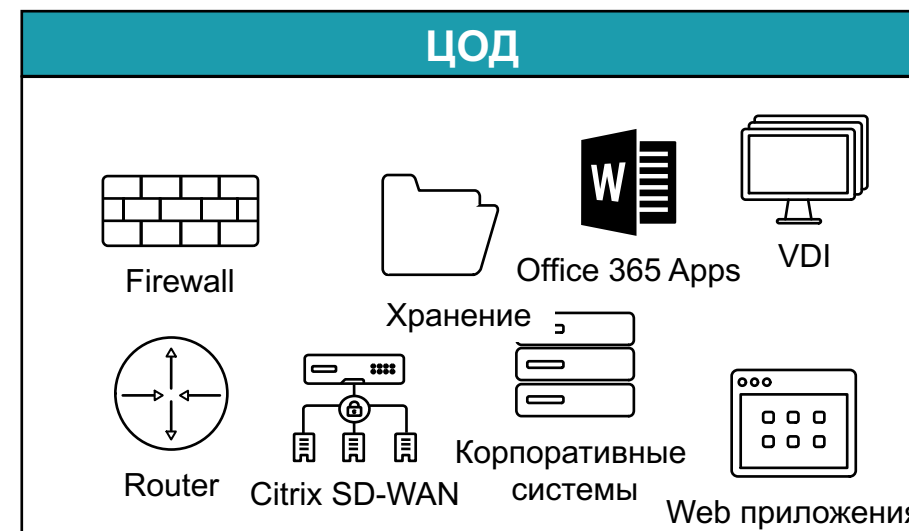
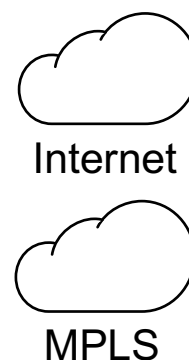
# Сценарий №2 Объединение ресурсов



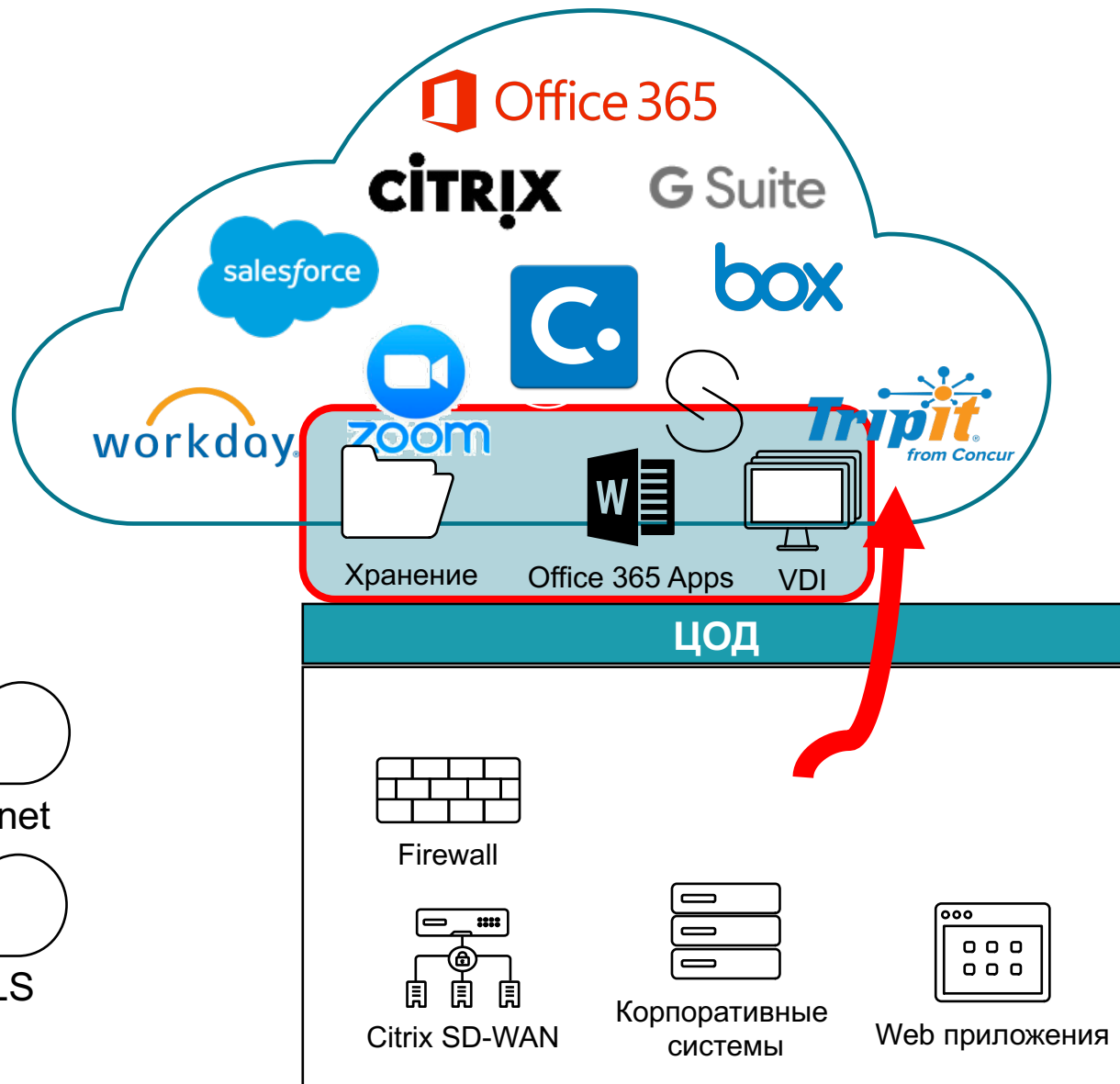
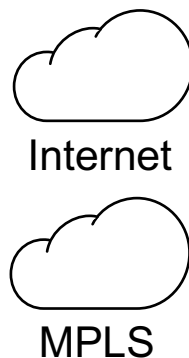
Москва

DATA CENTER  
FORUM

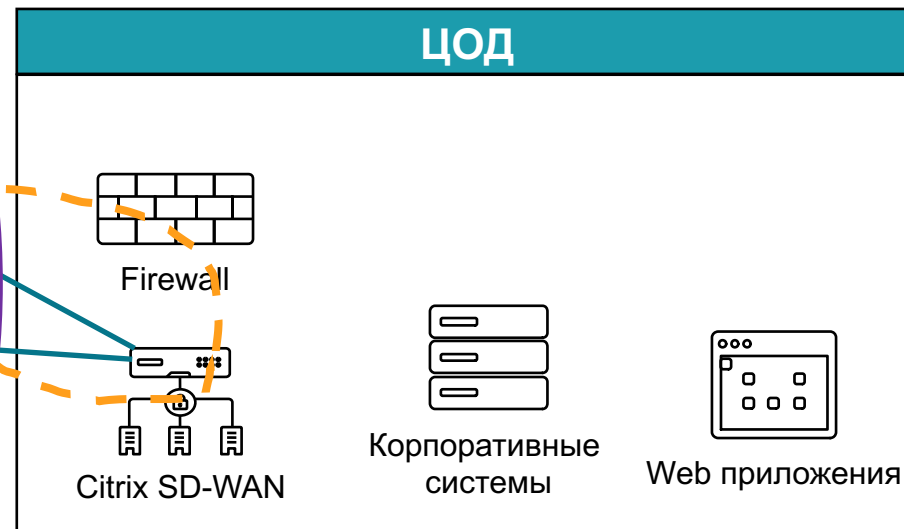
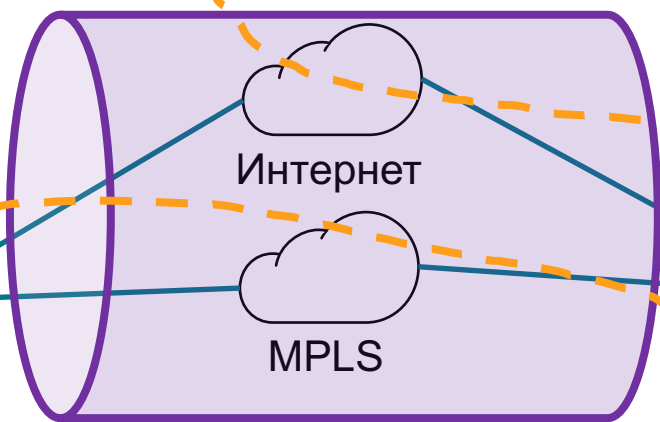
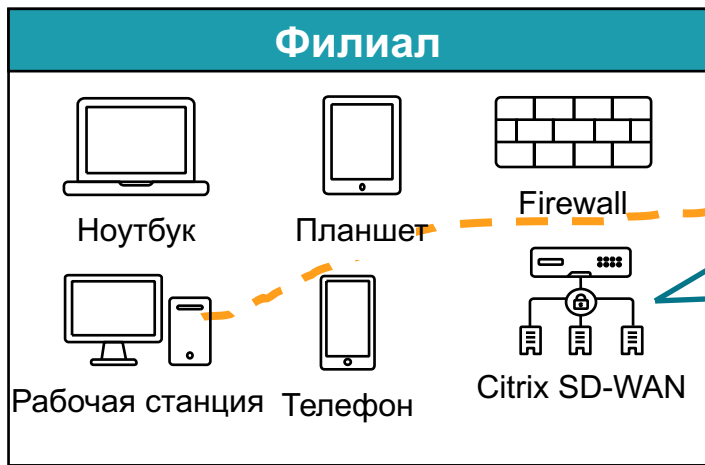




Миграция рабочих  
инструментов в  
облако



Доступ через ЦОД

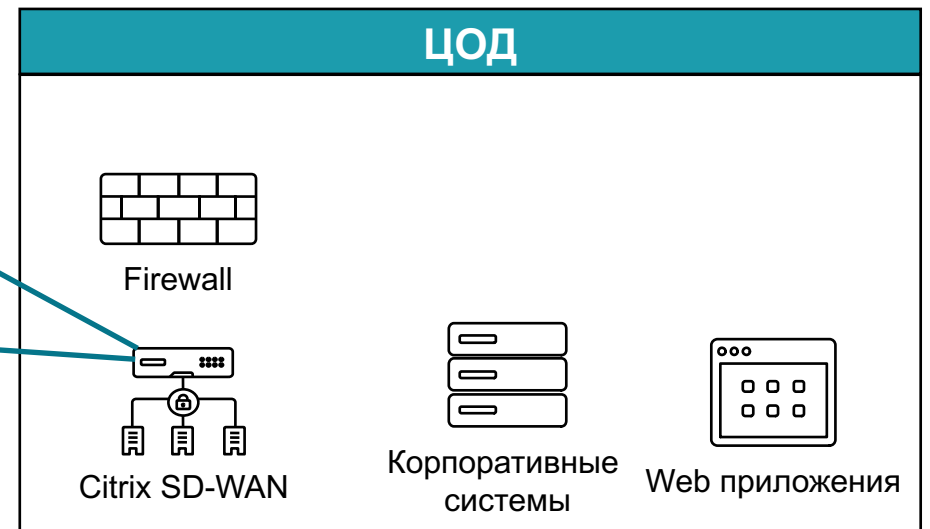


Прямой доступ

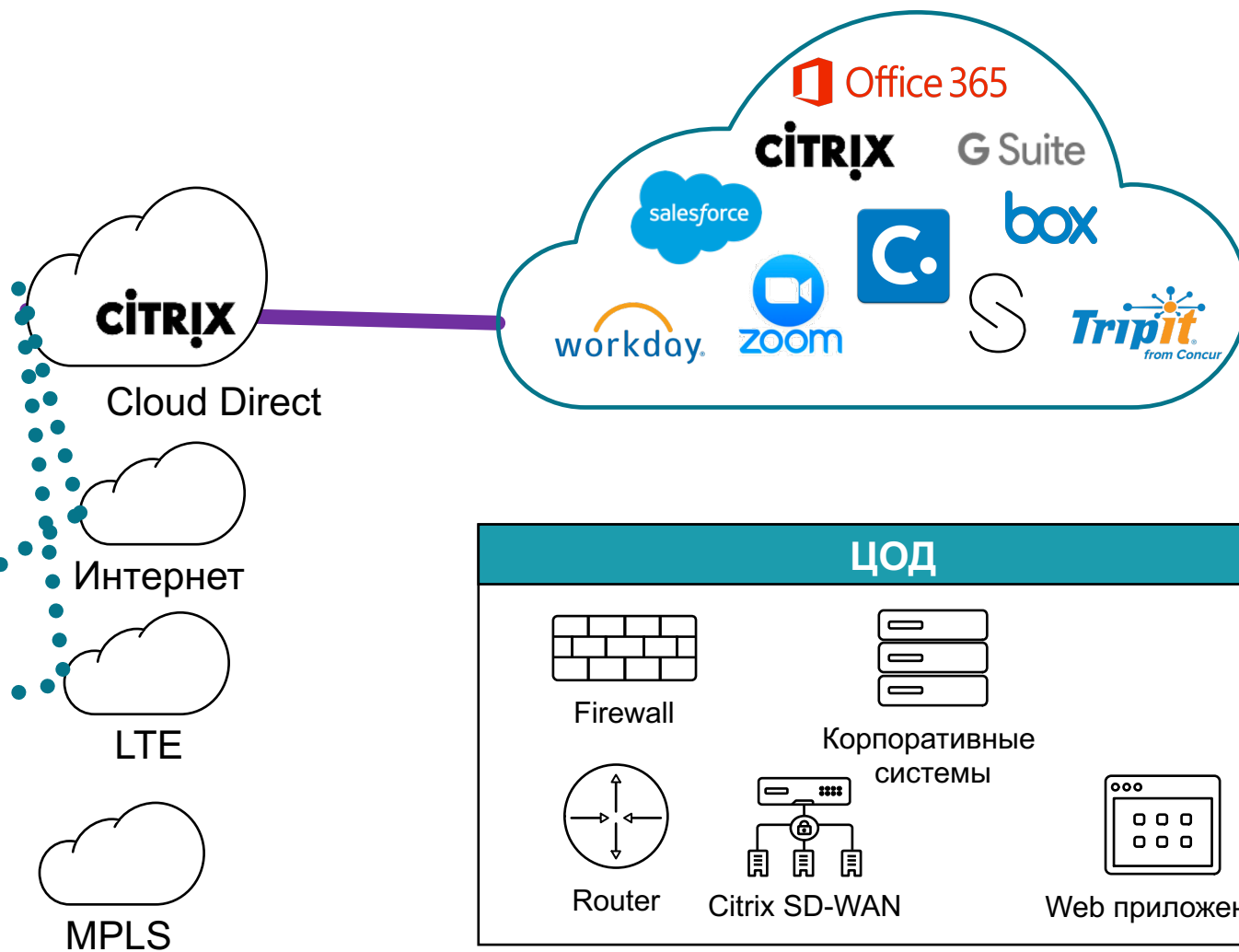


Интернет

MPLS



# SaaS через Cloud Direct



# Один «пульт управления»

SD-WAN Orchestrator for On-Premises

CUSTOMER  
mikhail-Citrix-intb9ce752d

SITE  
All Sites

DASHBOARD

REPORTS

Alerts

Usage

Wi-Fi

Inventory

HDX

Quality

QoS

Historical Statistics

Real Time

Cloud Direct

Application Quality

CONFIGURATION

TROUBLESHOOTING

ADMINISTRATION

INFRASTRUCTURE

Network Dashboard

Relative Time Interval Last 1 Hour Site Group All

ALERTS  
76 Critical  
[See All](#)

UPTIME  
Overlay 100.0% Underlay 75.0%  
[See Details](#)

TOP APPS  
icmp 110 KB Unknown 0 KB  
[See All](#)

TOP SITES  
AVION\_MCN 0.34 % Br110 0.17 % BrVPX 0.03 %  
[See All](#)

3 TOTAL SITES

0 CRITICAL 0 WARNING 3 NORMAL 0 INACTIVE 0 UNKNOWN

Search

Карта Спутник

AVION\_MCN

Москва

Clustering OFF

citrix