

ZABBIX '24

CONFERENCE

LATIN AMERICA

JUNE, 07-08, 2024. SÃO PAULO, BRAZIL

ZABBIX '24

CONFERENCE

LATIN AMERICA

JUNE, 07-08, 2024. SÃO PAULO, BRAZIL

Zabbix espiando o BBB

Filipe Paternot | Bernardo Lankheet



ZABBIX ESPIANDO O BBB

FILIFE PATERNOT | BERNARDO LANKHEET



ZABBIX ESPIANDO *TAMBÉM* O BBB

FILIFE PATERNOT | BERNARDO LANKHEET



Como surge um monitoramento?

- Complexidade;
- Do surgimento da demanda;
- Da construção à entrega.

The screenshot shows the configuration form for a Zabbix item named 'Get - cameras/'. The form includes the following fields:

- Name: Get - cameras/
- Type: HTTP agent
- Key: camera.do.lider[camera]
- Type of information: Text
- URL: http://{HOST.CONN}/cameras/
- Query fields: A table with 'Name' and 'Value' columns. One entry is 'limit' with a value of '500'.
- Request type: GET
- Timeout: 5s
- Request body type: Raw data, JSON data, XML data
- Request body: (Empty text area)
- Headers: A table with 'Name' and 'Value' columns. One entry is 'Authorization' with a value of '{GET.AUTHORIZATION.TOKEN}'.
- Required status codes: 200



Name	Key	Interval	History	Trends	Type	Create	enabled	Discover	Tags
Get - cameras/: (#CAMERA.NAME) - Health-status - Code description	camera.do.lider[#{CAMERA.ID},health_status.code_desc]	7d			Dependent item	Yes	Yes	Yes	CAMERA: (#CAMERA...
Get - cameras/: (#CAMERA.NAME) - Health-status - Decoding soft errors	camera.do.lider[#{CAMERA.ID},health_status.decoding_soft_errors]	7d	456d		Dependent item	Yes	Yes	Yes	CAMERA: (#CAMERA...
Get - cameras/: (#CAMERA.NAME) - Health-status - Faces Failed	camera.do.lider[#{CAMERA.ID},health_status.faces_failed]	7d	456d		Dependent item	Yes	Yes	Yes	CAMERA: (#CAMERA...
Get - cameras/: (#CAMERA.NAME) - Health-status - Faces not posted	camera.do.lider[#{CAMERA.ID},health_status.faces_not_posted]	7d	456d		Dependent item	Yes	Yes	Yes	CAMERA: (#CAMERA...
Get - cameras/: (#CAMERA.NAME) - Health-status - Faces object - failed	camera.do.lider[#{CAMERA.ID},health_status.faces_object_failed]	7d	456d		Dependent item	Yes	Yes	Yes	CAMERA: (#CAMERA...
Get - cameras/: (#CAMERA.NAME) - Health-status - Faces object - not posted	camera.do.lider[#{CAMERA.ID},health_status.faces_object_not_posted]	7d	456d		Dependent item	Yes	Yes	Yes	CAMERA: (#CAMERA...
Get - cameras/: (#CAMERA.NAME) - Health-status - Faces object - posted	camera.do.lider[#{CAMERA.ID},health_status.faces_object_posted]	7d	456d		Dependent item	Yes	Yes	Yes	CAMERA: (#CAMERA...
Get - cameras/: (#CAMERA.NAME) - Health-status - Faces posted	camera.do.lider[#{CAMERA.ID},health_status.faces_posted]	7d	456d		Dependent item	Yes	Yes	Yes	CAMERA: (#CAMERA...
Get - cameras/: (#CAMERA.NAME) - Health-status - Frames dropped	camera.do.lider[#{CAMERA.ID},health_status.frames_dropped]	7d	456d		Dependent item	Yes	Yes	Yes	CAMERA: (#CAMERA...

Host	Name	Last check	Last value
camera_SRV NTECHLAB - CA...	Central Lider - GROUP	10s	15
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS	12m 10s	DISABLED
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS DECODING SOFT ERRORS	10s	0
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS FACES FAILED	3m 10s	0
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS FACES NOT POSTED	2m 10s	0
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS FACES POSTED	10s	0
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS FRAMES DROPPED	2m 10s	0
camera_SRV NTECHLAB - CA...	Telao - GROUP	10s	15
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS	12m 10s	INPROGRESS
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS DECODING SOFT ERRORS	10s	0
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS FACES FAILED	3m 10s	0
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS FACES NOT POSTED	2m 10s	0
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS FACES POSTED	10s	0



IA no BBB

Host	Name ▲	Last check	Last value	Change	Tags
camera_SRV NTECHLAB - CA...	CAM 10 - HEALTH-STATUS FACES POSTED	46s	11709	+7	CAMERA: CAM 10
camera_SRV NTECHLAB - CA...	CAM 11 - HEALTH-STATUS FACES POSTED	46s	23173	+73	CAMERA: CAM 11
camera_SRV NTECHLAB - CA...	CAM 12 - HEALTH-STATUS FACES POSTED	46s	24768	+80	CAMERA: CAM 12
camera_SRV NTECHLAB - CA...	CAM 13 - HEALTH-STATUS FACES POSTED	46s	20726	+60	CAMERA: CAM 13
camera_SRV NTECHLAB - CA...					CAMERA: CAM 14
camera_SRV NTECHLAB - CA...					CAMERA: CAM 15
camera_SRV NTECHLAB - CA...					CAMERA: CAM 16
camera_SRV NTECHLAB - CA...					CAMERA: CAM 17
camera_SRV NTECHLAB - CA...					CAMERA: CAM 18
Host	Name ▲	Last check	Last value		
camera_SRV NTECHLAB - CA...	Central Lider - GROUP	10s	15		
camera_SRV NTECHLAB - CA...	camera_SRV NTECHLAB - CA...	12m 10s	DISABLED		
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS	10s	0		
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS DECODING SOFT ERRORS	10s	0		
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS FACES FAILED	3m 10s	0		
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS FACES NOT POSTED	2m 10s	0		
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS FACES POSTED	10s	0		
camera_SRV NTECHLAB - CA...	Central Lider - HEALTH-STATUS FRAMES DROPPED	2m 10s	0		
camera_SRV NTECHLAB - CA...	Telao - GROUP	10s	15		
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS	12m 10s	INPROGRESS		
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS DECODING SOFT ERRORS	10s	0		
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS FACES FAILED	3m 10s	0		
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS FACES NOT POSTED	2m 10s	0		
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS FACES POSTED	10s	0		
camera_SRV NTECHLAB - CA...	Telao - HEALTH-STATUS FRAMES DROPPED	2m 10s	0		



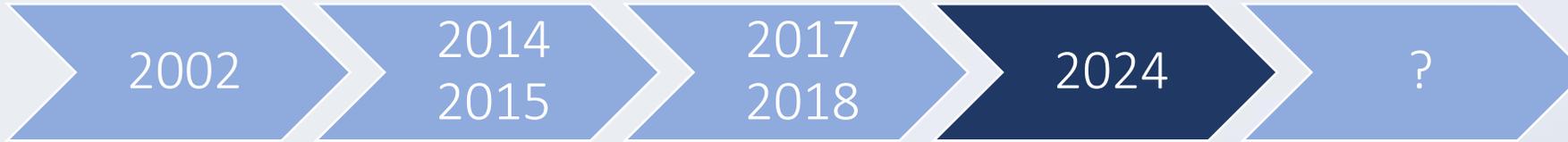
BBB



- Diversas equipes criam e compartilham monitoramento;
- Equipes locais e remotas (PA, Home Office ou Escritório Remoto);
- Transmissões 24/7;



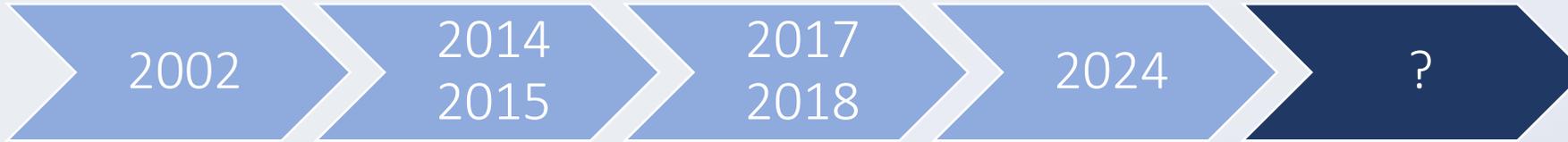
2024



- Controladora Grass Valey (orquestração na nuvem);
- Acessos Storages;
- Antenas de Microfones (Antena/Netops/APs);
- Falha na IA da Câmera do Líder;



2025+



NOVOS MONITORAMENTOS:

- Monitoração das ilhas (Sonorização, Edição, Mixer-Audio);
- Licenciamento;
- Performance;
- Equipamentos novos;



2025+



Gerenciar Sessão

Entradas
1 PGM A MASTER 1 L
2 PGM A MASTER 1 R
3 PGM B MASTER 1 L
4 PGM B MASTER 1 R
5 ALANE - P1
6 BEATRIZ - P2
7 DENIZIAN - P3
8 FERNANDA- P4
9 G PITEL -P5
10 LEIDY ELIN - P6
11 VANESSA LOPES - P7
12 WANESSA CAMARGO -P8
13 YASMIN BRUNET - P9
14 ISABELLE - P10
15 RAQUELE - P11
16 THALYTA - P12
17 GIOAVANNA L - P13
18 LUCAS LUIGI - P14
19 LUCAS PIZANE - P15
20 MARCUS VINICIUS - P16
21 MATTEUS - P17
22 MAYCON - P18
23 MC BIN LADEN - P19

Entrada

Entrada: VU:

Sinal:

Sessão

Sessão:

Descrição:

Controle

Acompanhamento

Tempo decorrido: 04 07:56:36

Tempo restante estimado: 29 02:54:49

Dashboard 1

Alerts

The device BBB-MIC10-COZ-XEPA in BBB is offline.

[VIEW AUDIT LOG](#)

Activity [VIEW AUDIT LOG](#)

MOST RECENT

564 User operations and events in the last 24 hours

Domains [FILTER](#)

BBB

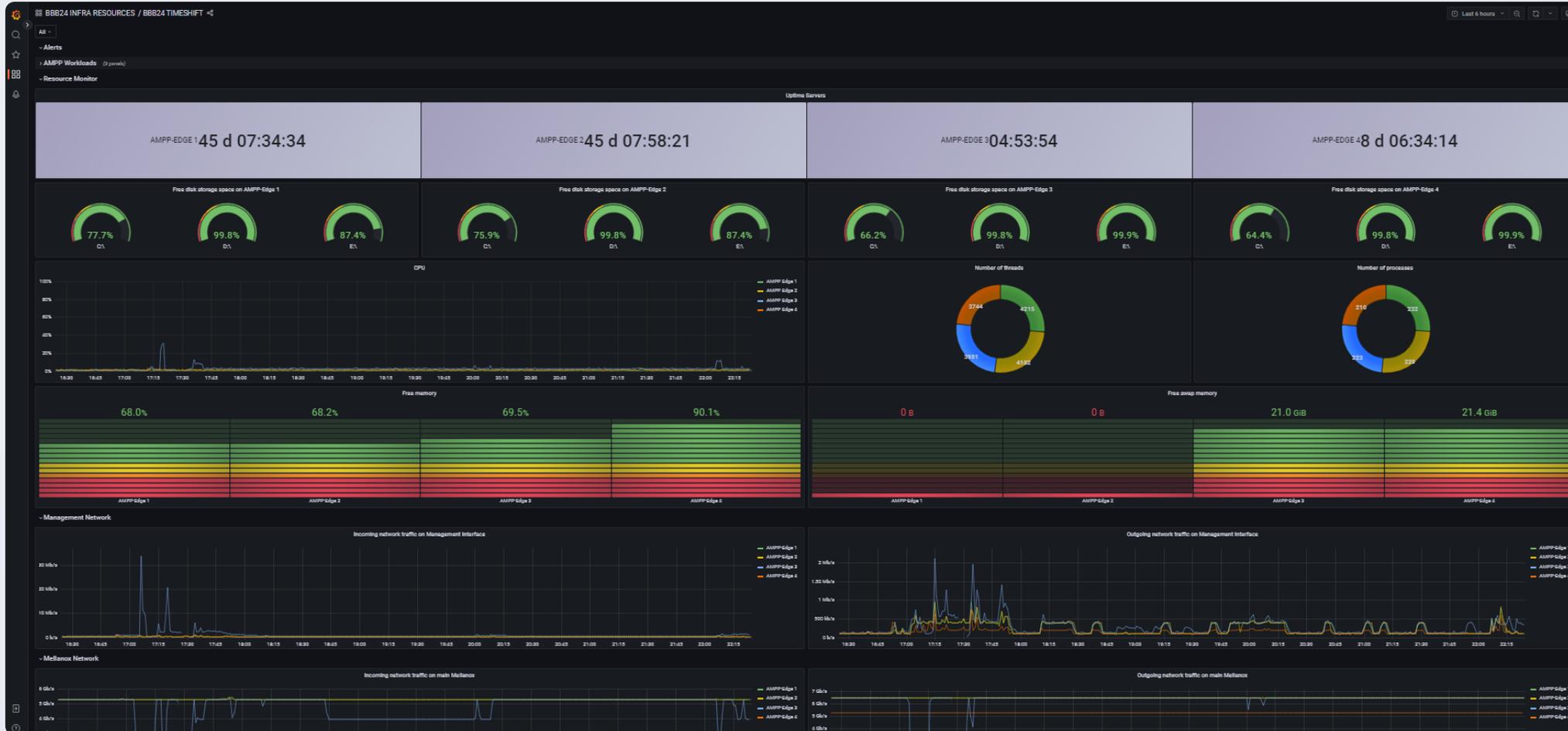
74 Enrolled devices

Status

- Connectivity
- Clocking
- Subscriptions
- Latency



Time Shift



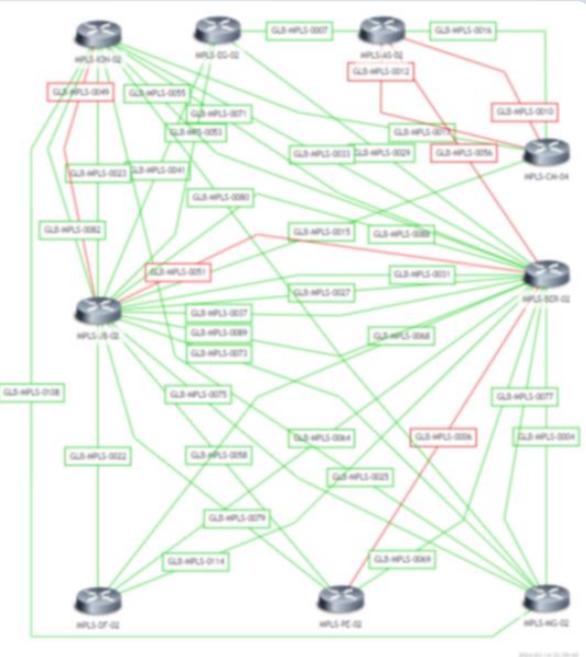
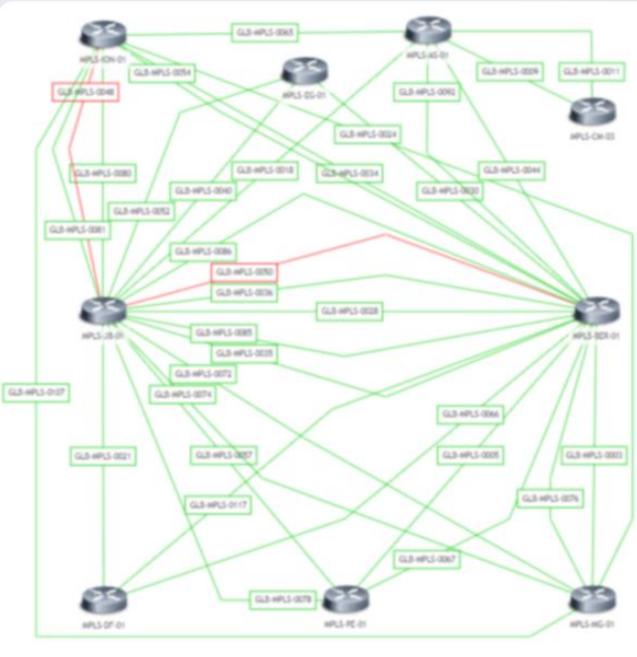
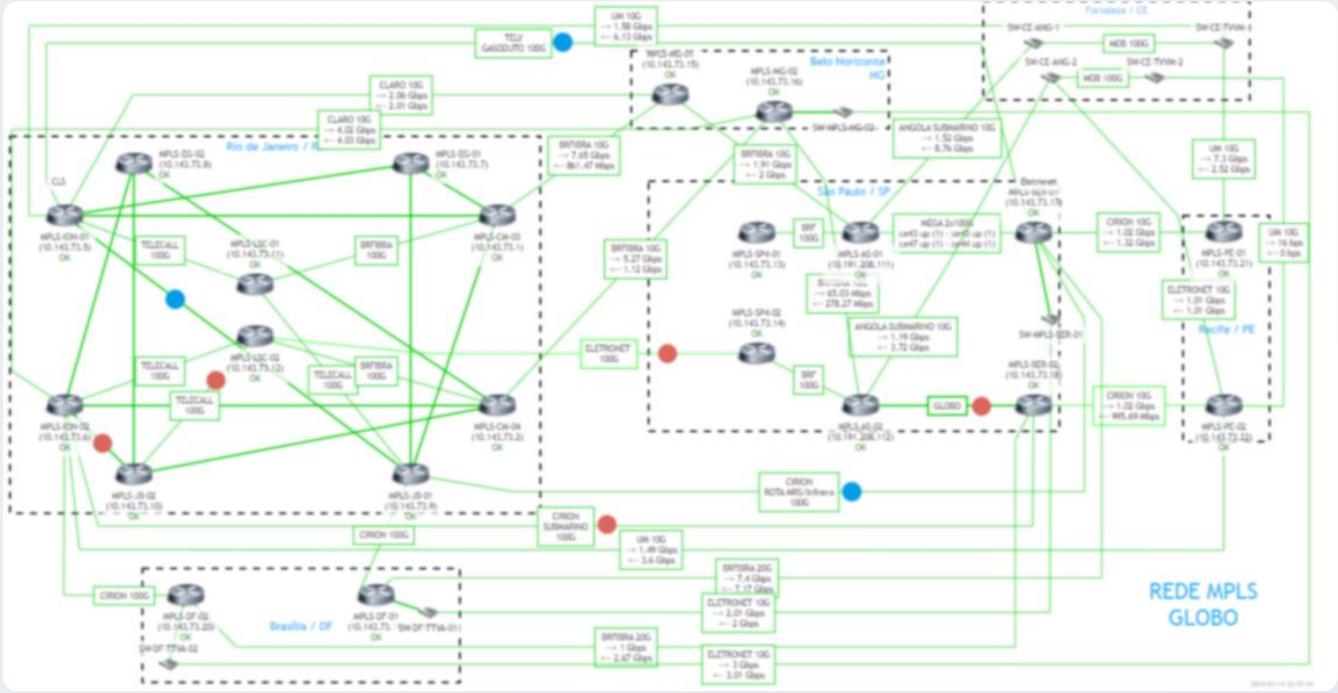
E TI nos bastidores?



ZABBIX '24

CONFERENCE

LATIN AMERICA



E como é uma sala de controle?

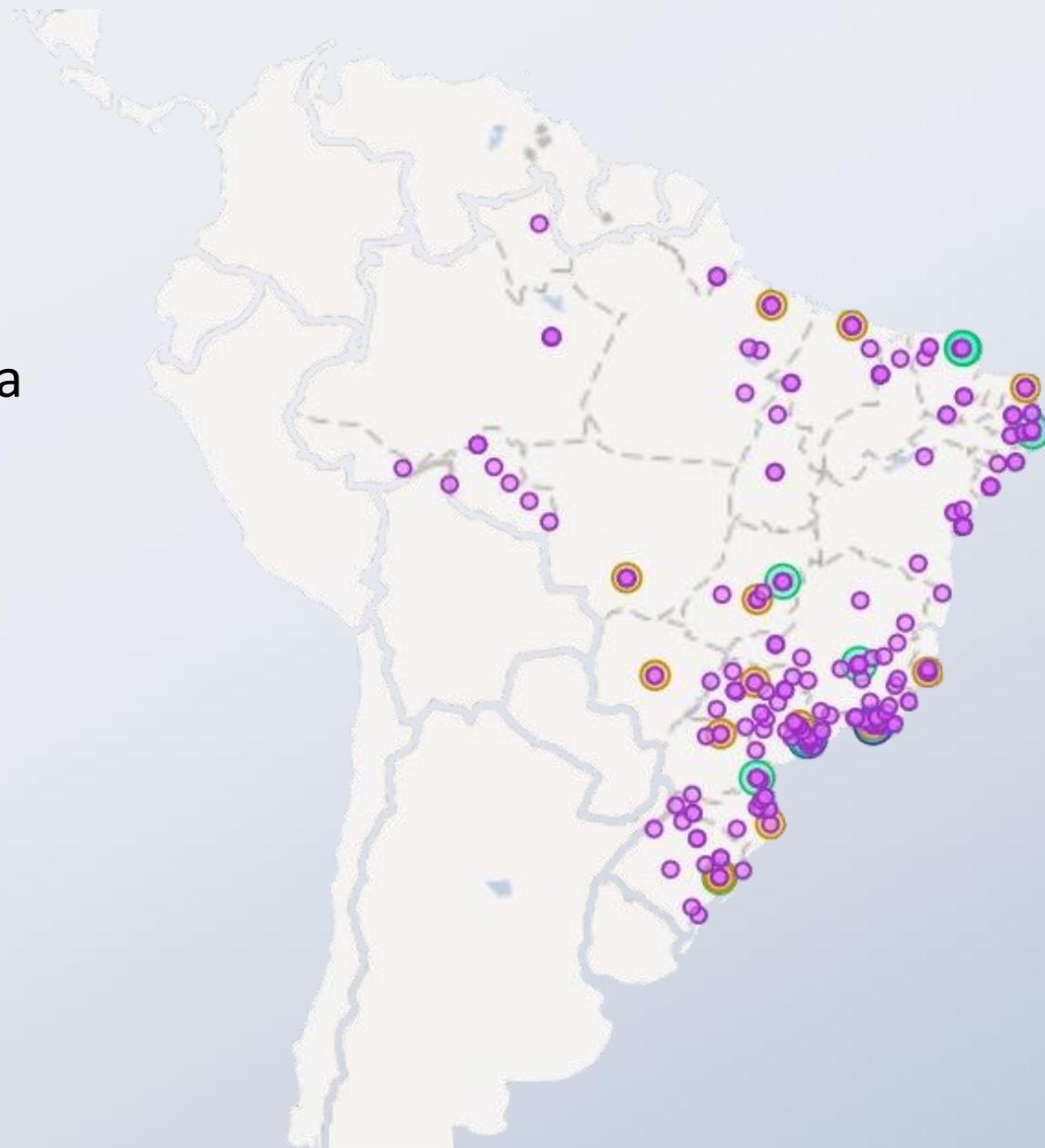


Distribuição

Em camadas

Melhor qualidade e experiência

Provedores: peering.globo

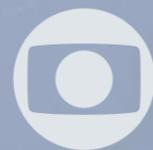


▼ Numero de POP'S por Região Brasil

AC	AL	AM	AP	BA	CE	DF	ES
1	4	6	3	14	9	3	5
GO	MA	MG	MS	MT	PA	PB	PE
5	7	23	3	5	7	8	11
PI	PR	RJ	RN	RO	RR	RS	SC
7	7	28	3	6	1	15	13
SE	SP	TO					
4	47	3					

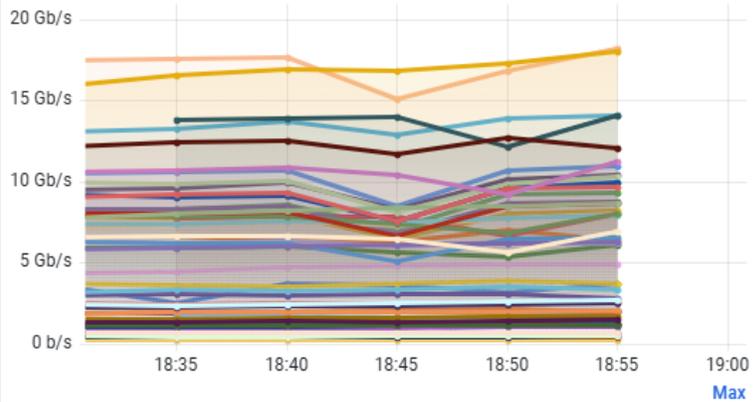
▼ Numero de POP'S por Região Brasil All

POR REGIÃO AL	POR REGIÃO AM	POR REGIÃO BA	POR REGIÃO DF	POR REGIÃO ES	POR REGIÃO GO	POR REGIÃO MA	POR REGIÃO MG
1	1	3	1	1	1	1	2
POR REGIÃO MS	POR REGIÃO MT	POR REGIÃO PA	POR REGIÃO PB	POR REGIÃO PE	POR REGIÃO PI	POR REGIÃO PR	POR REGIÃO RJ
1	1	1	1	1	1	2	3
POR REGIÃO RN	POR REGIÃO RS	POR REGIÃO SC	POR REGIÃO SE	POR REGIÃO SP	POR REGIÃO TO		
1	3	2	1	13	1		



▼ Trafego

Trafego (Outgoing)



9.31 Gb/s
8.29 Gb/s
11.0 Gb/s
7.04 Gb/s
8.10 Gb/s

NUMERO DE POPS ...

43

NUMERO DE HOST ...

52

PICO POR OP.

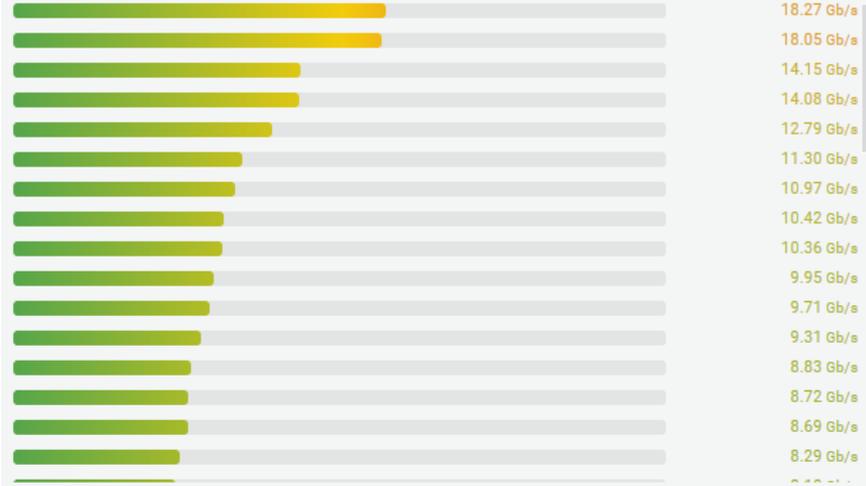
304 GB

Hots Fora de PROD ...

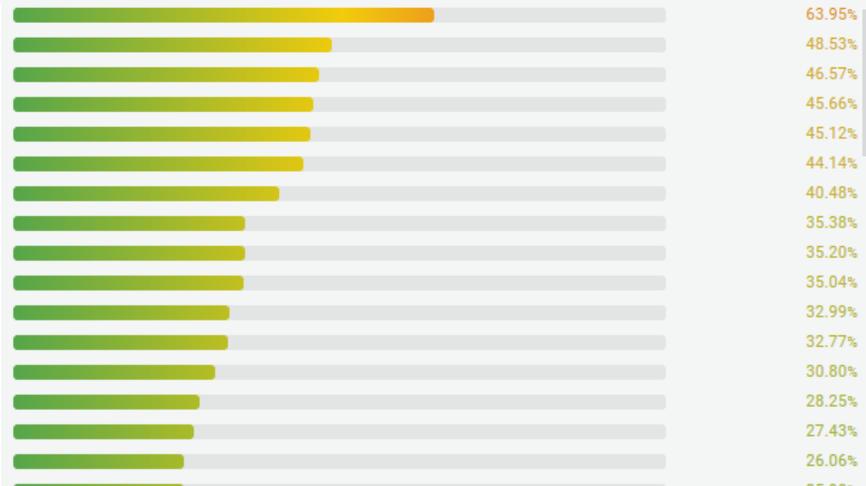
0

POPS Fora de PROD 1

Utilização (Outgoing)



Utilização (Outgoing (%))





ZABBIX '24 CONFERENCE LATIN AMERICA



Valeu!



backoffice@globo

vempraglobo.g.globo
peering.globo
backoffice@g.globo



jlcp.com.br

