

The graphic features a dark blue background with a pattern of glowing, curved lines of dots in shades of blue and purple, creating a sense of motion and data flow. The text is centered and uses a clean, sans-serif font. The word 'ZABBIX' is highlighted in a red box, while the rest of the text is white. The year '26' is positioned to the right of the red box. The word 'CONFERENCE' is on a separate line below, and 'LATIN AMERICA' is on a purple bar at the bottom.

**ZABBIX** '26

CONFERENCE

LATIN AMERICA

**ZABBIX** '26

CONFERENCE

LATIN AMERICA

# Zabbix Tips - Melhores práticas na migração de ambientes para o Zabbix

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**Lucas Frade dos Santos**

Technical Support Engineer

# Whoami

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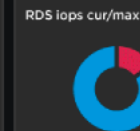
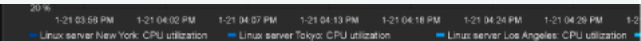
Lucas Frade dos Santos

- ▶ Global Support Team (GST)
- ▶ Capixaba
- ▶ ZCS, ZCP 7.0
- ▶ Ciência da Computação



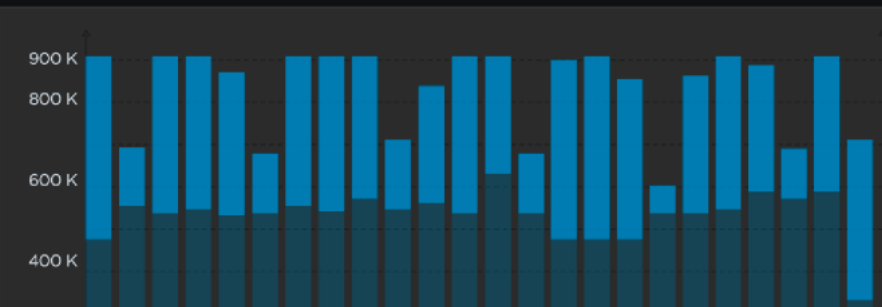
# Zabbix x Outras Ferramentas

**ZABBIX '26**  
CONFERENCE  
LATIN AMERICA



## Temperature

Items	A1	A5	A4	A3	A2
D1	Alpha	Beta	Gamma	Delta	Epsilon
A2	14.00	2.00	19.00	89.00	16.00
B1	21.00	25.00	24.00	23.00	22.00
B2	25.00	25.00	24.00	23.00	22.00
A1	20.00	20.00	20.00	20.00	20.00



## Host Card

The Sand Reckoner

Availability **ZBX** **SNMP** **IPMI** Monitoring

Monitored by Nebula Network Inventory

Templates Linux by Za..., Nebula net..., OS

# Zabbix x Outras Ferramentas

## Exportar inventário de Hosts em formato CSV e importar usando LLD

```
hosts - Bloco de Notas
Arquivo Editar Formatar Exibir Ajuda
host,name,port,type,group
host01,Host 01,10150,Linux,Debian
host02,Host 02,10250,Windows,Ubuntu
host03,Host 03,10350,Linux,Oracle Linux
host04,Host 04,10450,Linux,Rocky Linux
host05,Host 05,10550,Linux,Debian
host06,Host 06,10650,Linux,Ubuntu
host07,Host 07,10750,Linux,Oracle Linux
host08,Host 08,10850,Linux,Rocky Linux
host09,Host 09,10950,Linux,Debian
host10,Host 10,11050,Linux,Ubuntu
```

Discovery rule Preprocessing 1 LLD macros 5 Filters Overrides

\* Name: Discovery Hosts CSV

Type: Zabbix agent

\* Key: vfs.file.contents[C:\hosts\hosts.csv]

\* Host interface: 192.168.17.48:10050

\* Update interval: 1h

Custom intervals

Type	Interval	Period	
Flexible	Scheduling	50s	1-7,00:00-24:00 <a href="#">Remove</a>

[Add](#)

\* Timeout: Global Override 3s [Timeouts](#)

\* Delete lost resources ? Never Immediately After 7d

\* Disable lost resources ? Never Immediately After

Description

Enabled

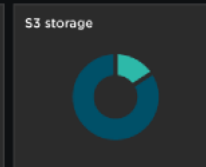
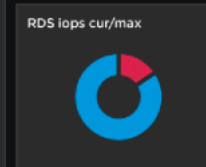
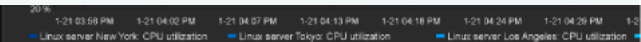
[Update](#) [Clone](#) [Execute now](#) [Test](#) [Delete](#) [Cancel](#)

# Zabbix x Outras Ferramentas

Utilizando o zabbix\_utils, permite a gente criar migrações de dados mais complexas, e principalmente indicada para uma grande volumetria de dados.

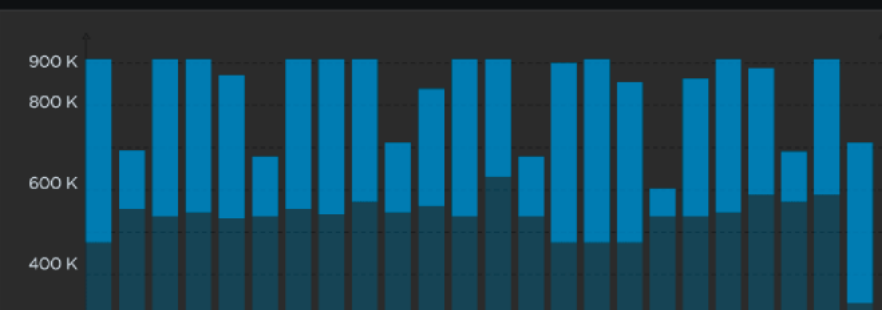
```
1 import requests
2 from zabbix_utils import ZabbixAPI
3
4 # 1. EXTRAÇÃO: Conecta na API do "Monitoramento Legado" e traz os dados
5 resposta = requests.get("https://api-legado.empresa.local/v1/nodes", headers={"Auth": "TokenLegado"})
6 servidores_antigos = resposta.json() # Retorna uma lista com 1000 servidores
7
8 # 2. Conecta no seu Zabbix 7.0
9 zabbix = ZabbixAPI(url="http://zabbix.empresa.local/zabbix")
10 zabbix.login(token="SEU_TOKEN_ZABBIX")
11
12 # 3. CARGA: O Loop de Migração (A Mágica!)
13 for servidor in servidores_antigos:
14     # Transforma os dados da ferramenta antiga para o padrão Zabbix
15     dados_novo_host = {
16         "host": servidor['hostname'],
17         "interfaces": [{
18             "type": 1, "main": 1, "useip": 1,
19             "ip": servidor['endereco_ip'], "dns": "", "port": "10050"
20         }],
21         "groups": [{"groupid": "2"}],
22         "templates": [{"templateid": "10001"}]
23     }
24
25     # Cria no Zabbix
26     zabbix.host.create(dados_novo_host)
27     print(f"✅ Sucesso: {servidor['hostname']} migrado com sucesso!")
28
29 zabbix.logout()
```

# Zabbix x Zabbix Old Version



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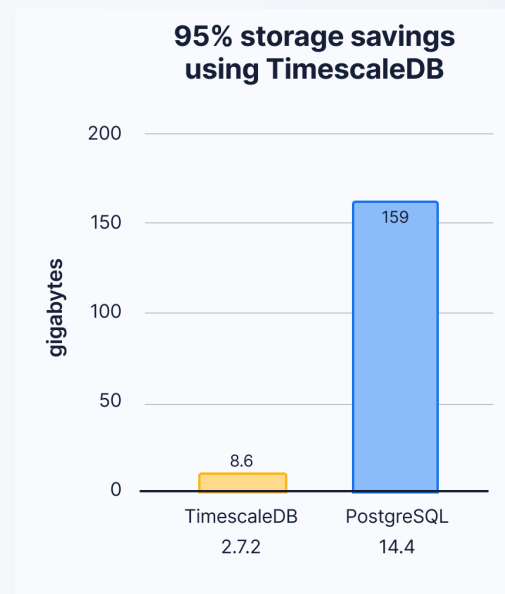
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# Zabbix x Zabbix Old Version

- ▶ Bancos gigantes e fragmentados = Downtime e Corrupção
- ▶ Migre a *Inteligência*, abandone a *Bagagem*
- ▶ Exporte **Apenas Configurações** (Hosts, Templates). Esqueça History e Trends.
- ▶ Dica de Ouro: Arquitetura Nova = PostgreSQL + TimescaleDB



# Zabbix x Zabbix 8.0



RDS iops cur/max

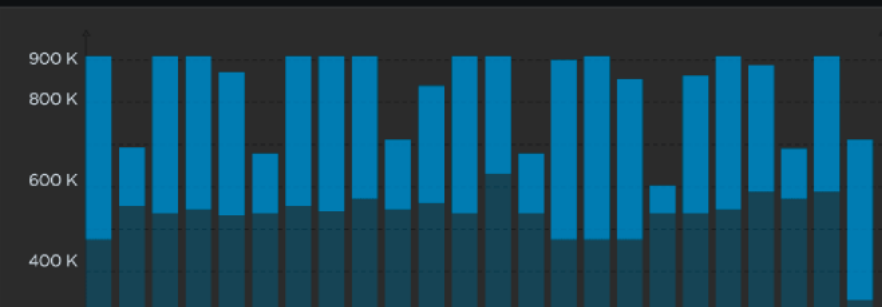


S3 storage



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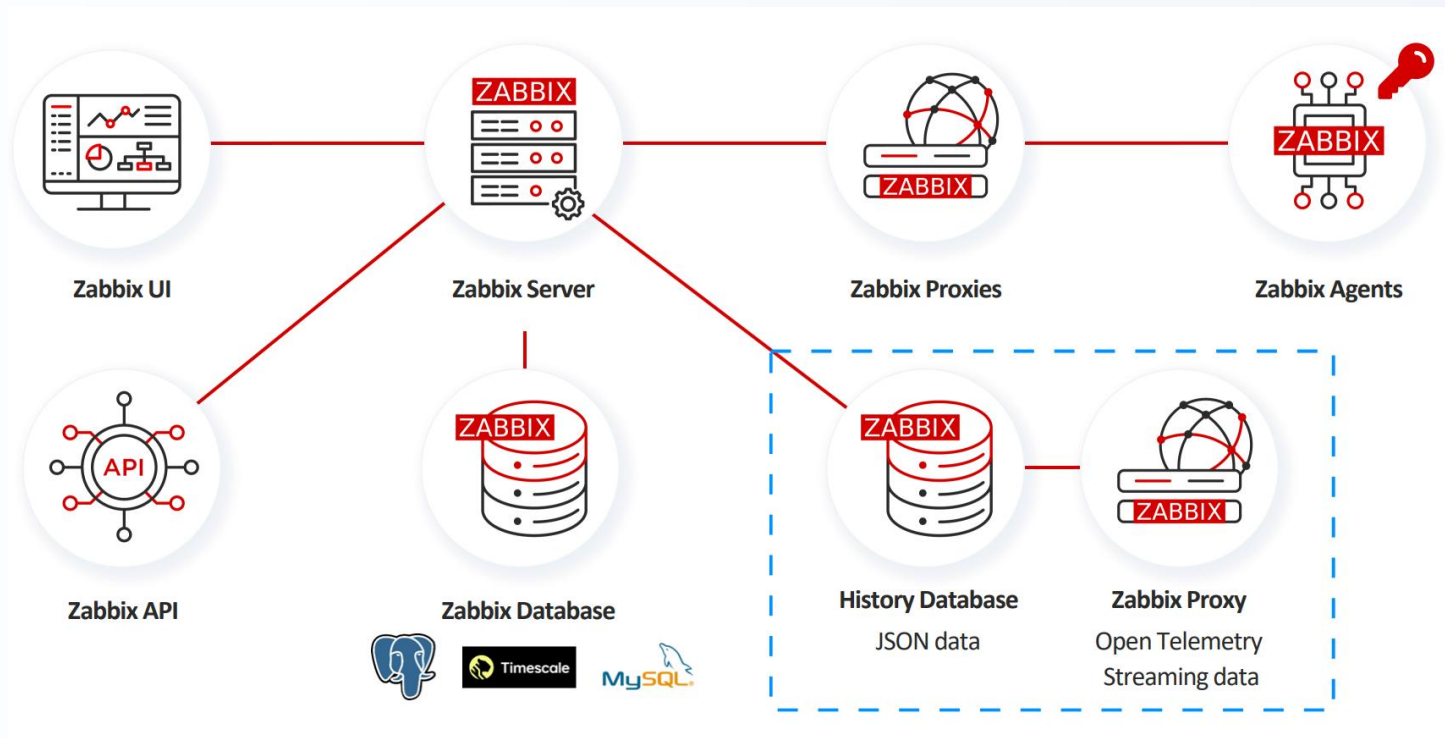
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# Zabbix x Zabbix 8.0

- ▶ Introdução a uma nova arquitetura e novas ferramentas de armazenamento de dados.





# Obrigado !

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Technical Support Engineer