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INFORME MONITOREO SERVIDORES DE AZURE  
ABRIL 2022

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## INTRODUCCIÓN

El presente informe incluye las actividades realizadas durante mes de abril correspondientes al monitoreo de servidores ubicados en la nube de Microsoft Azure.

Las actividades principales cubiertas son las siguientes:

- Validación del estado de los servidores en Azure
- Revisión del estado de la VPN
- Revisión de respaldos realizados con Azure Backup
- Chequeo de transaccionalidad y latencia de las cuentas de almacenamiento
- Validación en seguridad a nivel de Network Security Groups
- Respaldo manual (Microsoft Azure Storage Explorer) de servidores Windows 2003 y 2008

## ACTIVIDADES PERIÓDICAS DEL SERVICIO ADMINISTRADO:

Como parte de las tareas planificadas para ejecutar periódicamente tenemos las siguientes:

- Creación de recursos
- Configuración y monitoreo de servicios
- Configuraciones de Networking
- Optimización de consumo – facturación (ahorro)
- Proponer best practices sobre la infraestructura habilitadas en Azure
- Restaurar respaldos de VMs mediante Azure Backup
- Actualizar módulos de cuentas de automatización
- Actualizar certificados para ejecución de cuentas de automatización
- Entre otros
- Documentación e Informes del Servicio
  1. Comportamiento
  2. Tickets atendidos
  3. Tareas ejecutadas
  4. Métricas de Consumo
  5. Facturación – reportes en línea


## LISTADO DE SERVIDORES


Name	Status	Resource group	Location	Private IP address	Size	Disks
fwmaresa01	Running	fwmaresa	East US	172.16.3.100	Standard_B4ms	1
GUCTEST	Running	maresarg01	East US	172.16.2.12	Standard_B2s	1
Maresa-Adfs-02	Running	maresarg01	East US	172.16.2.30	Standard_B2s	1
Maresa-Adprx-01	Running	maresarg01	East US	172.16.3.37	Standard_B2s	1
Maresa-Brk-03	Running	maresarg01	East US	172.16.2.47	Standard_B4ms	1
Maresa-CRM-02	Stopped (deallocated)	maresarg01	East US	172.16.2.46	Standard_B4ms	1
Maresa-DB-04R	Running	maresarg01	East US	172.16.2.52	Standard_DS14_V2	4
Maresa-DB-09	Running	maresarg01	East US	172.16.2.8	Standard_E8s_v3	5
Maresa-DB-11R	Running	maresarg01	East US	172.16.2.28	Standard_E16s_v3	17
Maresa-DC-04	Running	maresarg01	East US	172.16.2.41	Standard_B2s	1
Maresa-DC-05	Stopped (deallocated)	asr-maresarg01	South Central US	10.10.2.4	Standard_B2s	1
Maresa-DMS-01	Running	maresarg01	East US	172.16.2.27	Standard_B4ms	1
Maresa-DMS-02	Running	maresarg01	East US	172.16.2.23	Standard_B4ms	1
maresa-dpm	Running	maresarg01	East US	172.16.2.71	Standard_D3_v2	10
Maresa-Erp-01	Running	maresarg01	East US	172.16.2.45	Standard_E8s_v3	1
Maresa-Erp-Test	Running	maresarg01	East US	172.16.2.17	Standard_F4s	1
Maresa-Glpi-02R	Running	maresarg01	East US	172.16.2.36	Standard_B8ms	2
maresa-guc-02	Running	maresarg01	East US	172.16.2.5	Standard_B2s	1
maresa-nac-02	Running	maresarg01	East US	172.16.2.24	Standard_B2ms	1
Maresa-NB-01	Running	maresarg01	East US	172.16.2.50	Standard_D8s_v3	2
Maresa-PR-02	Running	maresarg01	East US	172.16.3.36	Standard_B4ms	1
Maresa-PR-03	Stopped (deallocated)	asr-maresarg01	South Central US	10.10.5.4	Standard_E4_V3	1
Maresa-RDP-05	Running	maresarg01	East US	172.16.2.20	Standard_DS11	1
Maresa-Rdp-06	Stopped (deallocated)	maresarg01	East US	172.16.2.21	Standard_DS11	1
Maresa-TFS-01	Running	maresarg01	East US	172.16.2.7	Standard_B4ms	2
Maresa-Web-01R	Running	maresarg01	East US	172.16.2.13	Standard_DS3_v2	17
Maresa-Web-02	Running	maresarg01	East US	172.16.3.38	Standard_DS3_v2	17
Maresa-Web-Desa	Running	maresarg01	East US	172.16.2.29	Standard_B2ms	2
RIVERBED-01	Running	maresarg01	East US	172.16.2.4	Standard_B4ms	2
VM-RDS-0	Stopped (deallocated)	rg-rdsmaresa	East US	172.16.2.6	Standard_D2s_v3	1

## ESTADO DE LOS RECURSOS


### MÁQUINAS VIRTUALES

Es importante estar pendientes de la salud de los servidores que se tiene en la suscripción. A continuación, se muestra el estado de salud a la fecha de los servidores en la suscripción **e3a6e500-8143-4931-a4fd-47066986a722**

 **fwmaresa01 - Resource health**  
Virtual machine

 Refresh


Resource health watches your resource and tells you if it's running as expected. [Learn more](#)

 **Available**

There aren't any known Azure platform problems affecting this virtual machine


[Report](#) incorrect health status

*Salud de servidor fwmaresa01*

 **GUCTEST | Resource health**  
Virtual machine


[+ Add resource health alert](#) [Diagnose and solve problems](#)


Resource health watches your resource and tells you if it's running as expected. [Learn more](#)

 **Available**


There aren't any known Azure platform problems affecting this virtual machine.

*Salud de servidor GUCTEST*

 **Maresa-Adfs-02 - Resource health**  
Virtual machine

 Refresh


Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 **Available**

There aren't any known Azure platform problems affecting this virtual machine


[Report](#) incorrect health status

*Salud de servidor Maresa-Adfs-02*



**Maresa-Adprx-01 - Resource health**  
Virtual machine


 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status

Salud de servidor Maresa-Adprx-01



**Maresa-Brk-03 - Resource health**  
Virtual machine


 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available  
 There aren't any known Azure platform problems affecting this virtual machine

Salud de servidor Maresa-brk-03



**Maresa-DB-04 | Resource health** ...  
Virtual machine


+ Add resource health alert  Diagnose and solve problems

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available  
 There aren't any known Azure platform problems affecting this virtual machine.

Salud de servidor Maresa-DB-04



**Maresa-DB-09 | Resource health** ...  
Virtual machine


+ Add resource health alert  Diagnose and solve problems

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available  
 There aren't any known Azure platform problems affecting this virtual machine.

Salud de servidor Maresa-DB-09



**Maresa-DB-11R - Resource health**  
Virtual machine


 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status

Salud de servidor Maresa-DB-11R



**Maresa-DC-04 - Resource health**  
Virtual machine


 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status

*Salud de servidor Maresa-DC-04*



**Maresa-DMS-01 - Resource health**  
Virtual machine



 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status

*Salud de servidor Maresa-DMS-01*



**Maresa-DMS-02 | Resource health**  
Virtual machine


»  Refresh  Add resource health alert

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available  
 There aren't any known Azure platform problems affecting this virtual machine.  
[Report](#) incorrect health status

*Salud de servidor Maresa-DMS-02*


**maresa-dpm - Resource health**  
Virtual machine


 Refresh


Resource health watches your resource and tells you if it's running as expected. [Learn more](#)

 Available  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status


*Salud de servidor Maresa-DPM*





**Maresa-Erp-01 - Resource health**  
Virtual machine


 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 **Available**  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status

*Salud de servidor Maresa-Erp-01*



**Maresa-Erp-Test - Resource health**  
Virtual machine


 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 **Available**  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status

*Salud de servidor Maresa-Erp-Test*



**Maresa-Glpi-02R - Resource health**  
Virtual machine



 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 **Available**  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status

*Salud de servidor Maresa-Glpi-02*



**maresa-guc-02 | Resource health** ...  
Virtual machine

 Add resource health alert
  Diagnose and solve problems


Resource health watches your resource and tells you if it's running as expected. [Learn more](#)

 **Available**  
 There aren't any known Azure platform problems affecting this virtual machine.


*Salud de servidor Maresa-GUC-02*


**maresa-nac-02 | Resource health**

Virtual machine

 Refresh


Resource health watches your resource and tells you if it's running as expected. [Learn more](#)

 Available


There aren't any known Azure platform problems affecting this virtual machine.

[Report](#) incorrect health status


Salud de servidor Maresa-nac-02


**Maresa-NB-01 - Resource health**

Virtual machine


 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available

There aren't any known Azure platform problems affecting this virtual machine


Salud de servidor Maresa-NB-01


**Maresa-PR-02 - Resource health**

Virtual machine

 Refresh


Resource health watches your resource and tells you if it's running as expected. [Learn more](#)

 Available



There aren't any known Azure platform problems affecting this virtual machine

[Report](#) incorrect health status


Salud de servidor Maresa-PR-02


**Maresa-RDP-05 | Resource health**

Virtual machine


 Add resource health alert
  Diagnose and solve problems

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available

There aren't any known Azure platform problems affecting this virtual machine.


Salud de servidor Maresa-RDP-05


**Maresa-TFS-01 - Resource health**

Virtual machine

 Refresh


Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 Available

There aren't any known Azure platform problems affecting this virtual machine


[Report](#) incorrect health status

Salud de servidor Maresa-TFS-01



**Maresa-Web-01R - Resource health**  
Virtual machine


 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 **Available**  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status

*Salud de servidor Maresa-Web-01R*



**Maresa-Web-02 - Resource health**  
Virtual machine


 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 **Available**  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status

*Salud de servidor Maresa-Web-02*



**Maresa-Web-Desa - Resource health**  
Virtual machine


 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)


 **Available**  
 There aren't any known Azure platform problems affecting this virtual machine  
[Report](#) incorrect health status

*Salud de servidor Maresa-Web-Desa*



**RIVERBED-01 | Resource health**  
Virtual machine

 Refresh

Resource health watches your resource and tells you if it's running as expected. [Learn more](#)

 **Available**  
 There aren't any known Azure platform problems affecting this virtual machine.  
[Report](#) incorrect health status

*Salud de servidor RIVERBED01*

En la imagen anterior se puede apreciar que el ícono  esto quiere decir que se encuentran en estado "Saludable".

## ESTADO DE BACKUP

Servidor	Contenedor	Backup Status	Observación
FWMARESA01	FWMaresa	OK	Se realiza Backup manualmente
SNAP-MARESA-ADFS-02	MaresaRG03-SNAP	OK	
SNAP-MARESA-ADPRX-01	MaresaRG03-SNAP	OK	
SNAP-MARESA-BRK-03	MaresaRG03-SNAP	OK	
SNAP-MARESA-DB-04r	MaresaRG03-SNAP	OK	
SNAP-MARESA-DB-09	MaresaRG03-SNAP	OK	
SNAP-MARESA-DB-11	MaresaRG03-SNAP	OK	
SNAP-MARESA-DC-04	MaresaRG03-SNAP	OK	
SNAP-MARESA-DMS-01	MaresaRG03-SNAP	OK	
SNAP-MARESA-DMS-02R	MaresaRG03-SNAP	OK	
SNAP-MARESA-DPM	MaresaRG03-SNAP	OK	
SNAP-MARESA-Erp-01	MaresaRG03-SNAP	OK	
SNAP-MARESA-ERP-TEST	MaresaRG03-SNAP	OK	
SNAP-MARESA-GLPI-02	MaresaRG03-SNAP	OK	
SNAP-Maresa-GUC-02	MaresaRG03-SNAP	OK	
SNAP-MARESA-NAC-02	MaresaRG03-SNAP	OK	
SNAP-MARESA-NB-01	MaresaRG03-SNAP	OK	
SNAP-MARESA-PR-02	MaresaRG03-SNAP	OK	
SNAP-MARESA-RDP-05	MaresaRG03-SNAP	OK	
SNAP-MARESA-RDP-06	MaresaRG03-SNAP	OK	
SNAP-MARESA-TFS-01	MaresaRG03-SNAP	OK	
SNAP-MARESA-WEB-01R	MaresaRG03-SNAP	OK	
SNAP-MARESA-WEB-02	MaresaRG03-SNAP	OK	
SNAP-MARESA-WEB-DESR	MaresaRG03-SNAP	OK	
SNAP-RIVERBED-01	MaresaRG01	OK	Se realiza Backup manualmente

## SITE RECOVERY

Name	Replication Health	Status	Active location	RPO
Maresa-DMS-01	✔ Healthy	Protected	East US	31 seconds
Maresa-Erp-01	✔ Healthy	Protected	East US	14 seconds
Maresa-Web-02	✔ Healthy	Protected	East US	1 minute
Maresa-Web-01R	✔ Healthy	Protected	East US	1 minute
Maresa-Brk-03	✔ Healthy	Protected	East US	11 seconds
Maresa-DB-04R	✔ Healthy	Protected	East US	52 seconds

## BACKUP DE ARCHIVO

### Backup Archivos

Servidor	Contenedor	Backup Status	Observación
BKPS-MARESA-DMS-01	MaresaRG02-BKPS	OK	
BKPS-MARESA-Glpi-02R	MaresaRG02-BKPS	OK	
BKPS-MARESA-Web-01R	MaresaRG02-BKPS	OK	
BKPS-MARESA-Web-02	MaresaRG02-BKPS	OK	

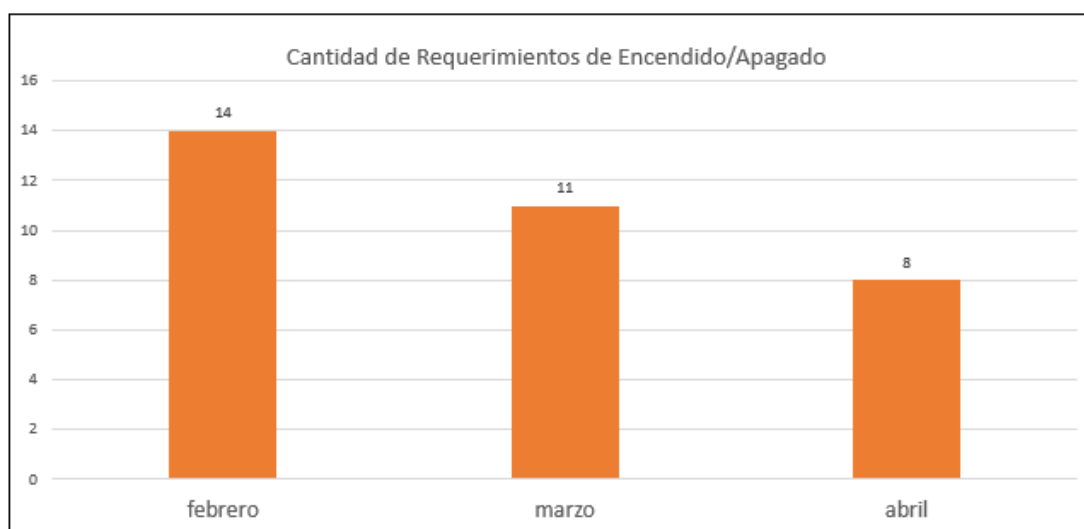
## DPM

### DPM

NAME	STATUS
MARESA-DB-04	OK
MARESA-DB-09	OK
MARESA-DB-11	OK

## REGISTRO DE TICKETS

En la siguiente tabla se muestra los requerimientos que han sido generados a través de la herramienta de GLPI.

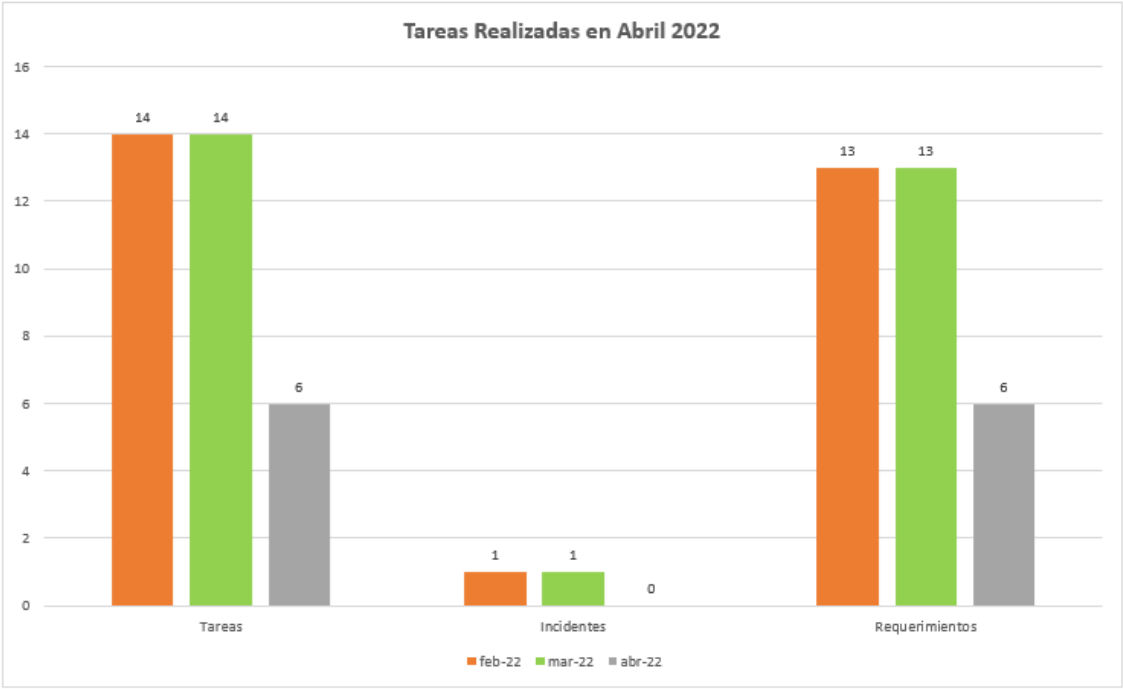




## TAREAS REALIZADAS EN EL MES DE ABRIL 2022

Tipo	Solicitante	Categoría	Fecha Apertura	Fecha Cierre	Actividad
Requerimiento	Juan Carlos Jativa	Encendido/Apagado	1/4/2022 20:33	1/4/2022 20:50	Solicita que se mantenga encendido las VMs Maresa-Web-02
Requerimiento	Oscar Mera	Backup/Snapshot	11/4/2022 16:02	11/4/2022 16:54	Solicita que se genere un Snapshot del maresa-web-02 y almacénalo por 1 semana
Requerimiento	Oscar Mera	Reporte de Backup	13/4/2022 15:29	13/4/2022 21:27	Solicita un reporte de los Backup de las BDD's
Requerimiento	Oscar Mera	Disco	20/4/2022 22:40	21/4/2022 9:37	Solicita que se agregue un disco de 250 GIB
Requerimiento	Juan Carlos Jativa	Reporte de Instancias Reservada	26/4/2022 10:00	26/4/2022 11:08	Reporte de las instancias Reservadas Caducidad
Requerimiento	Oscar Mera	Encendido/Apagado	29/4/2022 12:30	29/4/2022 14:30	Se modifica los horarios por feriado 1 de mayo

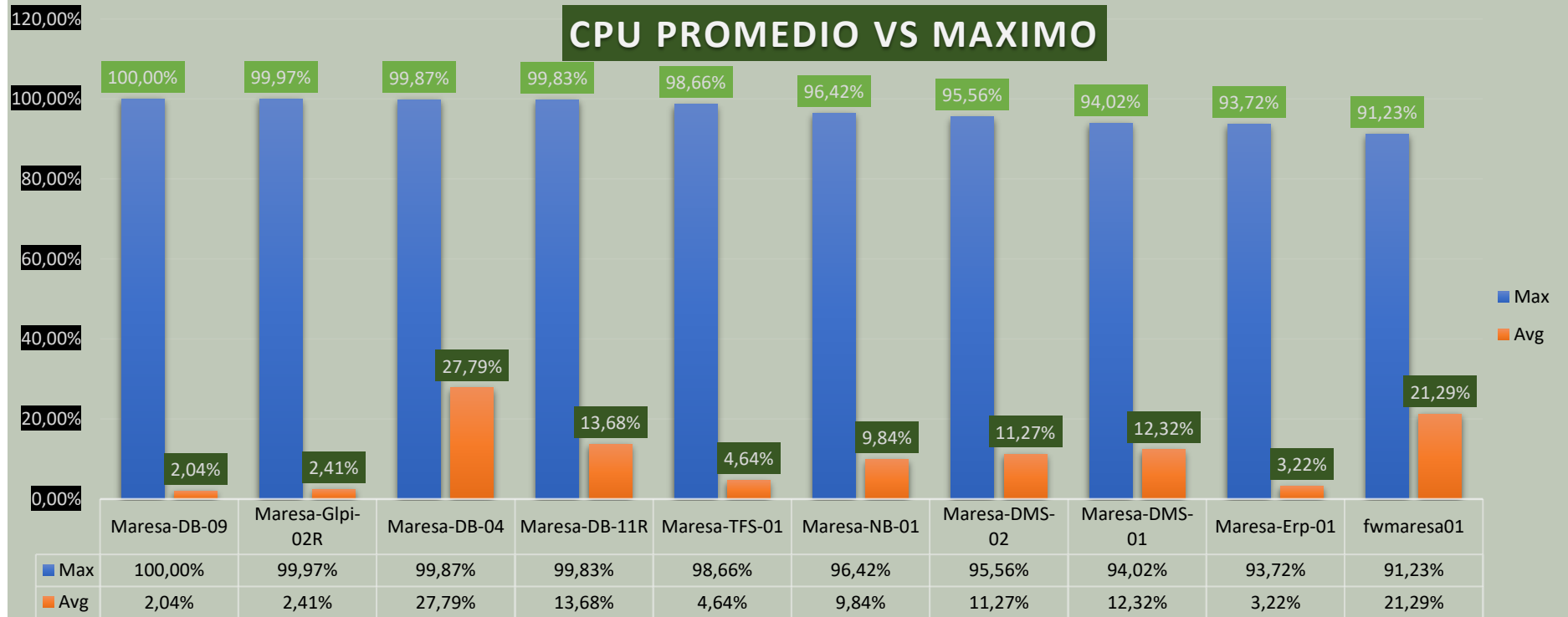


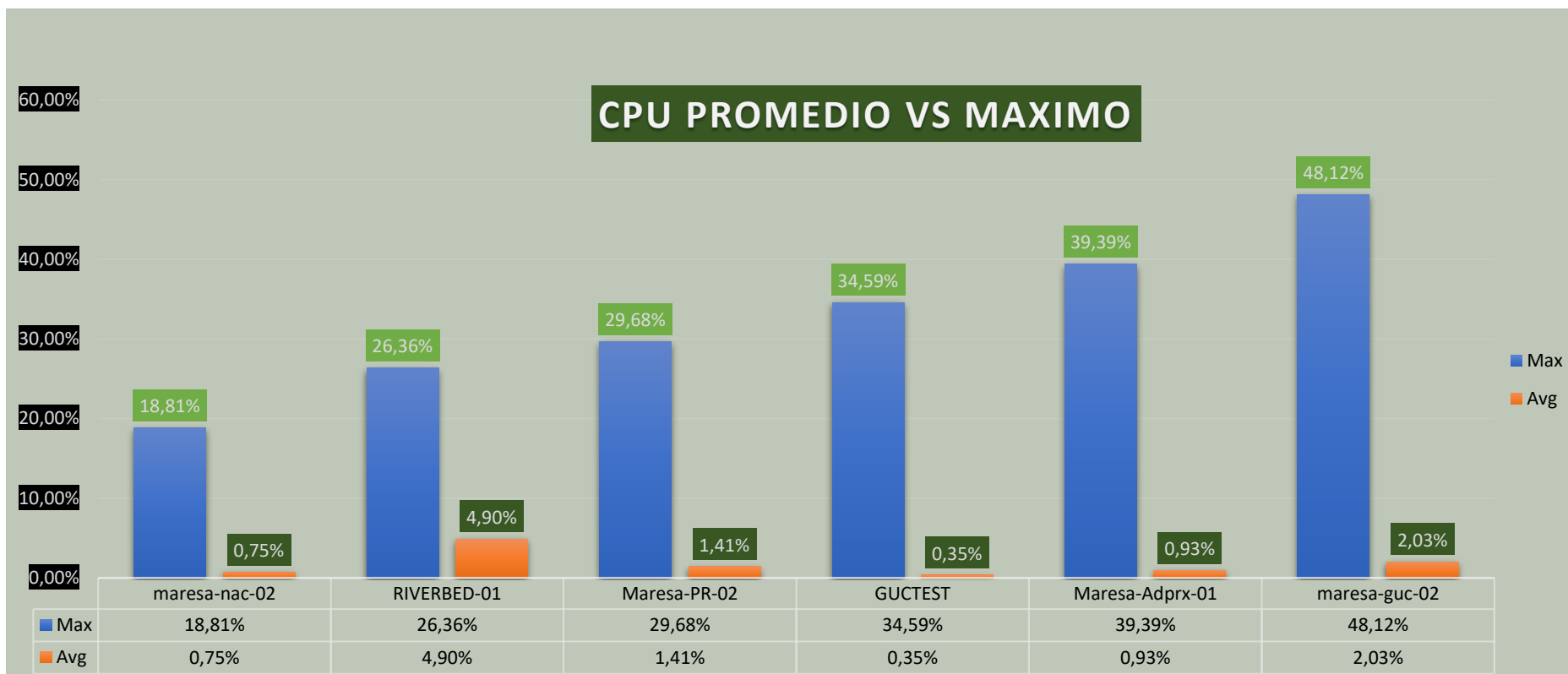


## PERFORMANCE DE LAS VMS ABRIL

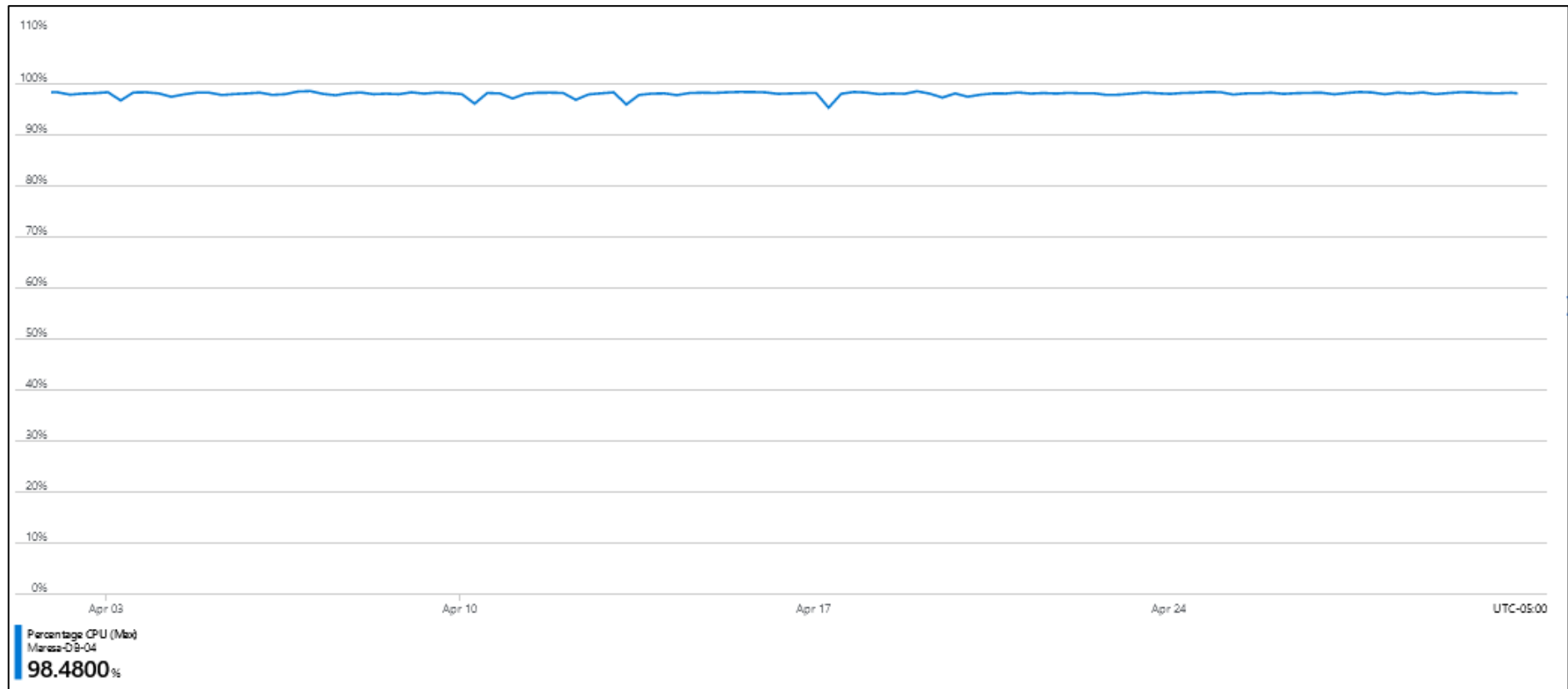
Name	Size	CPU	Max	AVG	RAM
GUCTEST	Standard B2s	2	33,99%	0,34%	4 GIB
Maresa-Adfs-02	Standard B2s	2	89,30%	1,52%	4 GIB
Maresa-Brk-03	Standard B4ms	4	85,96%	1.11%	16 GIB
Maresa-DB-04	Standard_DS14_V2	16	98.48%	22.03%	112 GIB
Maresa-DB-09	Standard E8s v3	8	100,00%	1.90%	64 GIB
Maresa-DB-11R	Standard E16s v3	16	99.85%	12.77%	128 GIB
Maresa-DC-04	Standard B2s	2	79,75%	3,70%	4 GIB
Maresa-DMS-01	Standard B4ms	4	94.02%	11.97%	16 GIB
Maresa-DMS-02	Standard B4ms	4	93,56%	11,72%	16 GIB
maresa-dpm	Standard D3 v2	4	71,39%	1,88%	14 GIB
Maresa-ERP-01	Standard E8s v3	8	93.72%	3.13%	64 GIB
Maresa-Erp-Test	Standard F4s	4	80.45%	0.88%	8 GIB
Maresa-Glpi-02R	Standard_B8ms	8	99.97%	2.32%	32 GIB
Maresa-GUC-02	Standard B2s	2	48,56%	1,99%	4 GIB
maresa-nac-02	Standard_B2ms	2	27.51%	0.74%	8 GIB
Maresa-NB-01	Standard D8s v3	8	96.50%	9.98%	32 GIB
Maresa-PR-02	Standard B4ms	4	21.36%	1.38%	16 GIB
Maresa-RDP-05	Standard DS11	2	80.69%	1.01%	14 GIB
Maresa-TFS-01	Standard B4ms	4	98.69%	4.69%	16 GIB
Maresa-Web-01R	Standard_DS3_v2	4	72.10%	3.13%	14 GIB
Maresa-Web-02	Standard_DS3_v2	4	83.35%	4.89%	14 GIB
Maresa-Web-Desa	Standard_B2ms	2	88.49%	2.03%	8 GIB
RIVERBED-01	Standard_B4ms	4	26.36%	4.90%	16 GIB

## CPU PROMEDIO VS MAXIMO





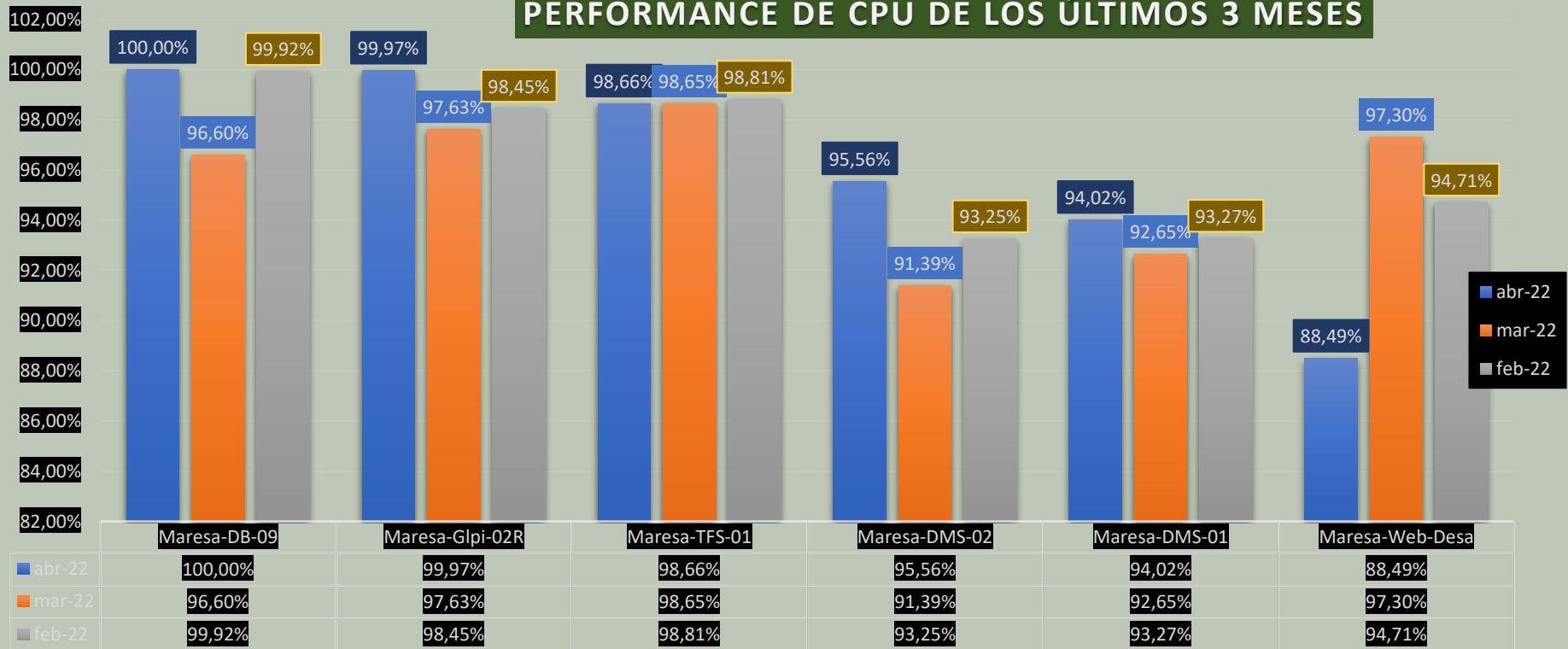
Maresa-DB-04

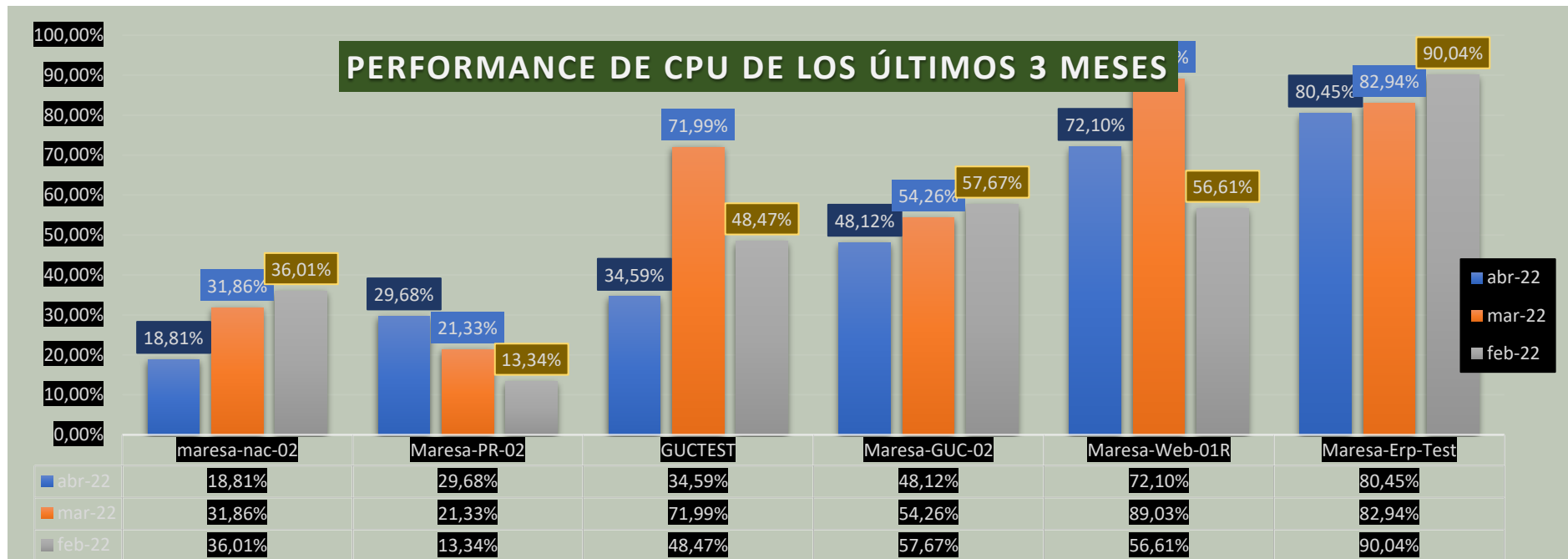


## PERFORMANCE DE CPU DE LOS ÚLTIMOS 3 MESES

Name	CPU	abr-22	mar-22	feb-22
GUCTEST	2	34,59%	71,99%	48,47%
Maresa-Brk-03R	4	85.96%	80,69%	81,87%
Maresa-DB-09	8	100,00%	96,60%	99,92%
Maresa-DMS-01	4	94.02%	92,65%	93,27%
Maresa-DMS-02	4	95,56%	91,39%	93,25%
Maresa-Erp-Test	4	80.45%	82,94%	90,04%
Maresa-Glpi-02R	8	99.97%	97,63%	98,45%
Maresa-GUC-02	2	48,12%	54,26%	57,67%
maresa-nac-02	2	18,81%	31,86%	36,01%
Maresa-PR-02	4	29,68%	21,33%	13,34%
Maresa-TFS-01	4	98,66%	98,65%	98,81%
Maresa-Web-01R	4	72.10%	89,03%	56,61%
Maresa-Web-02	4	83.35%	85,26%	89,07%
Maresa-Web-Desa	2	88.49%	97,30%	94,71%

## PERFORMANCE DE CPU DE LOS ÚLTIMOS 3 MESES







## APROBACIÓN DE DOCUMENTO

BUSINESS IT	Maresa
Diego Baque	Oscar Mera
Fecha: lunes, 16 de mayo del 2022	