

[mikrotik, scripts](#)

Scripts

Podemos crear diferentes scripts para que se ejecuten manualmente o a una hora determinada . Para crear scripts vamos a /System/Scripts

Podemos encontrar muchos ejemplos de scripts en

<https://www.adslzone.net/foro/mikrotik.199/manual-mikrotik-coleccion-scripting.575217/>

Scripts de ejemplo

Enviar correo

```
/tool e-mail send to="luiscarlos@ejemplo.com" subject="$[/system identity get name]" body="Prueba correo automático mikrotik"
```

Backup por Correo

```
:local DeviceName [/system identity get name];

/system backup save dont-encrypt=yes name=$DeviceName;
:delay 3;
/export file=$DeviceName;
:delay 3;

/tool e-mail send to="luiscarlos@ejemplo.com" subject="$DeviceName"
file="$DeviceName.backup,$DeviceName.rsc";
:delay 10;

/file remove "$DeviceName.backup";
/file remove "$DeviceName.rsc";
```

Si queremos que este script se ejecute, por ejemplo, cada 7 días . Vamos a /System/Scheduler y añadimos un evento y ponemos en el cuerpo del evento el nombre que le dimos al script

Schedule <Backup automatico>

Name: Backup automatico

Start Date: Dec/22/2022

Start Time: 00:00:00

Interval: 7d 00:00:00

Owner: admin

Policy:

☒ ftp

☒ read

☒ policy

☒ password

☒ sensitive

☒ reboot

☒ write

☒ test

☒ sniff

☒ romon

OK

Cancel

Apply

Disable

Comment

Copy

Remove

Run Count: 1

Next Run: Mar/02/2023 00:00:00

On Event:

Backup Correo

enabled

WoL

Para encender un ordenador en remoto que tengamos conectado al Mikrotik, creamos el siguiente script y ponemos la MAC correspondiente al equipo que vamos a encender

```
/tool wol interface=bridge1 mac=88:AE:DD:06:50:CB
```

Enviar estado del Mikrotik

```
:local uptime [/system resource get uptime];
#:local CurrentTemp [/system health get [find name=temperature] value];
:local FreeMemory ([/system resource get free-memory] / 1024 / 1024);
:local TotalMemory ([/system resource get total-memory] / 1024 / 1024);
:local cpu [/system resource get cpu];
:local cpuCount [/system resource get cpu-count];
:local cpuFrequency [/system resource get cpu-frequency];
:local cpuLoad [/system resource get cpu-load];
:local freeHdd ([/system resource get free-hdd-space] / 1024 / 1024);
:local totalHdd ([/system resource get total-hdd-space] /1024 / 1024);
:local architectureName [/system resource get architecture-name];
:local boardName [/system resource get board-name];
:local version [/system resource get version];
:local DeviceName [/system identity get name];

# START Send Email
/tool e-mail send to="tucorreo@tucorreo.com" from=$DeviceName
subject="\F0\9F\9A\80 $DeviceName System Status" body="IPv4: $ipv4\nIPv6:
$ipv6\n\nTemp: $CurrentTemp C\nUptime: $uptime\nFree Memory: $FreeMemory
MB\nTotal Memory: $TotalMemory MB\nCPU: $cpu\nCPU Count: $cpuCount\nCPU
Frequency: $cpuFrequency MHz\nCPU Load: $cpuLoad %\nFree Disk: $freeHdd
MB\nTotal Disk: $totalHdd MB\nArchitecture: $architectureName\nBoard Name:
$boardName\nSoftware Version: $version"
# END Send Email

:log info "Sent Email: WAN IP & System Status"
:log info "Sent Telegram: WAN IP & System Status"
```

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