

# RACADM Comandos para IDRAC de DELL

La utilidad de línea de comandos de RACADM proporciona una interfaz programable que le permite configurar de forma local o remota su controlador de acceso remoto (IDRAC). La utilidad se ejecuta en la estación de administración y el sistema administrado. Para conectarse podemos usar Telnet (no recomendable) o SSH

Para conectarnos usaremos `ssh <usuario_idrac>@<ip_idrac>`

## El comando racadm

Los comandos se ejecutan mediante `racadm <comando>`

Por ejemplo

```
racadm getconfig -g idracinfo
```

```
racadm getsysinfo
```

También podemos ejecutar comandos remotos, lo que es especialmente útil para ejecutar comandos desde scripting

```
racadm -r <idracIPAddr> -u username -p password <subcommand>
```

En el caso de que tengamos problemas con el certificado (lo más normal, si no tenemos un certificado válido en las IDRAC)

```
racadm -r <racIPAddr> -u username -p password <subcommand> --nocertwarn
```

## Bloqueo de IP al consultar la iDRAC

A veces, cuando monitorizamos una iDRAC, falla por un problema de cortafuegos que al recibir muchas peticiones SNMP por el puerto UDP bloquea la IP. Para solucionarlo, podremos usar:

```
racadm set iDRAC.IPBlocking.BlockEnable Disabled
```

## Soft reset de la iDRAC

```
racreset soft
```

## Regenerar certificado iDRAC

```
racadm config -g cfgRacSecurity -o cfgRacSecCsrKeySize 2048
```

O bien

```
racadm set idrac.security.csrkeysize 2048
```

## Obtener información del equipo

```
racadm getsysinfo
```

Nos dará la siguiente información

```
racadm getsysinfo
```

### RAC Information:

RAC Date/Time = Fri Feb 5 15:30:43 2021

Firmware Version = 2.65.65.65

Firmware Build = 15

Last Firmware Update = 11/05/2020 19:14:17

Hardware Version = 0.01

MAC Address = 74:86:7A:XX:XX:XX

### Common settings:

Register DNS RAC Name = 1

DNS RAC Name = idrac-servidor-pruebas

Current DNS Domain = tecnocratica.net

Domain Name from DHCP = Disabled

### IPv4 settings:

Enabled = 1

Current IP Address = 1.2.3.4

Current IP Gateway = 1.2.3.1

Current IP Netmask = 255.255.255.0

DHCP Enabled = 0

Current DNS Server 1 = 1.1.1.1  
Current DNS Server 2 = 2.2.2.2  
DNS Servers from DHCP = Disabled

IPv6 settings:

Enabled = 0  
Current IP Address 1 = ::  
Current IP Gateway = ::  
Autoconfig = 1  
Link Local IP Address = ::  
Current IP Address 2 = ::  
Current IP Address 3 = ::  
Current IP Address 4 = ::  
Current IP Address 5 = ::  
Current IP Address 6 = ::  
Current IP Address 7 = ::  
Current IP Address 8 = ::  
Current IP Address 9 = ::  
Current IP Address 10 = ::  
Current IP Address 11 = ::  
Current IP Address 12 = ::  
Current IP Address 13 = ::  
Current IP Address 14 = ::  
Current IP Address 15 = ::  
DNS Servers from DHCPv6 = Disabled  
Current DNS Server 1 = ::  
Current DNS Server 2 = ::

System Information:

System Model = PowerEdge R620  
System Revision = I  
System BIOS Version = 2.7.0  
Service Tag = XXXXXXXX  
Express Svc Code = AAAAAAAAAA  
Host Name = p12345678  
OS Name =  
OS Version =  
Power Status = ON  
Fresh Air Capable = Yes

#### Watchdog Information:

Recovery Action = None

Present countdown value = 15 seconds

Initial countdown value = 15 seconds

#### System Thermal Information:

EstimatedSystemAirflow = NA

EstimatedExhaustTemperature = 22 Degrees Centigrade

#### Embedded NIC MAC Addresses:

NIC. Integrated. 1-1-1	Ethernet	= 90: B1: 1C: XX: XX: XX
	iSCSI	= 90: B1: 1C: XX: XX: XX
	FIP	= 90: B1: 1C: XX: XX: XX
	WWN	= 20: 00: 90: B1: 1C: XX: XX: XX
	WWPN	= 20: 01: 90: B1: 1C: XX: XX: XX
NIC. Integrated. 1-2-1	Ethernet	= 90: B1: 1C: XX: XX: XX
	iSCSI	= 90: B1: 1C: XX: XX: XX
	FIP	= 90: B1: 1C: XX: XX: XX
	WWN	= 20: 00: 90: B1: 1C: XX: XX: XX
	WWPN	= 20: 01: 90: B1: 1C: XX: XX: XX
NIC. Integrated. 1-3-1	Ethernet	= 90: B1: 1C: XX: XX: XX
	iSCSI	= 90: B1: 1C: XX: XX: XX
	FIP	= 90: B1: 1C: XX: XX: XX
	WWN	= 20: 00: 90: B1: 1C: XX: XX: XX
	WWPN	= 20: 01: 90: B1: 1C: XX: XX: XX
NIC. Integrated. 1-4-1	Ethernet	= 90: B1: 1C: XX: XX: XX
	iSCSI	= 90: B1: 1C: XX: XX: XX
	FIP	= 90: B1: 1C: XX: XX: XX
	WWN	= 20: 00: 90: B1: 1C: XX: XX: XX
	WWPN	= 20: 01: 90: B1: 1C: XX: XX: XX

racadm>>

## Configurar ntp

```
racadm>>set iDRAC.NTPConfigGroup.NTP1 A. B. C. D
```

```
[Key=iDRAC.Embedded.1#NTPConfigGroup.1]
```

```
Object value modified successfully
```

## Zona horaria

### Obtener

```
racadm>>get iDRAC.Time.Timezone

racadm get iDRAC.Time.Timezone
[Key=iDRAC.Embedded.1#Time.1]
Timezone=Europe/Madrid
```

### Ajustar

```
racadm>>set iDRAC.Time.Timezone Europe/Madrid

racadm set iDRAC.Time.Timezone Europe/Madrid
[Key=iDRAC.Embedded.1#Time.1]
Object value modified successfully

racadm>>get iDRAC.Time.Timezone

racadm get iDRAC.Time.Timezone
[Key=iDRAC.Embedded.1#Time.1]
Timezone=Europe/Madrid

racadm>>
```

---

Revision #11

Created 14 August 2022 05:47:43 by Admin

Updated 23 January 2024 09:27:06 by etaboada