

# Radiator Policy Server

El estándar del sector en rendimiento  
para servidores RADIUS

# ¿Qué es Radiator Policy Server?



Radiator Policy Server es nuestro producto más reciente para clientes empresariales.

Combina la reconocida flexibilidad de los productos Radiator con el rendimiento y las capacidades del nuevo motor de políticas de Radiator 10.

Radiator Policy Server ofrece mejoras sustanciales de rendimiento e incorpora capacidades como autenticación con Microsoft Entra ID, autenticación Wi-Fi de nivel empresarial, compatibilidad con RadSec y soporte para TLS 1.3.


La interfaz de usuario de Radiator Policy Server facilita las operaciones diarias. En las siguientes diapositivas se ofrece más información.

# Detalles técnicos





# Interfaz de usuario



Main

 **Dashboard**

Configuration



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 **Licenses**

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 **Settings**


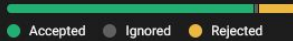
Information

 **API Docs** ↗

 **Changelog**
 **Radiator is active**  
Uptime: 3 days


**Radiator Version**  
v10.30.0





**Hostname**  
r10demo-hel2

 **AAA requests**  
Accept percentage: 85.12%

**Errors**  
0

 **License status**  
Valid

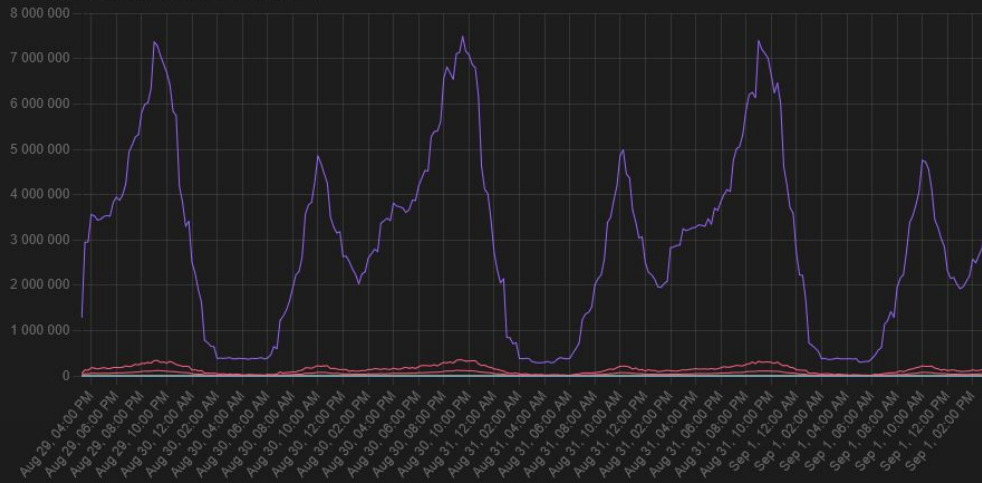
**Licensee: Radiator Software evaluation**  
Expiration: 2025-11-26 (85 days left)

 **Counters**  
Values of common counters

Counter name	Replies	Requests
server::RADIUS_UD...	 1169903	 1169903
server::RADIUS_UD...	 222355	 222355
server::RADSEC_TC...	 0	 0

**Handler statistics**

Overview of handler counters over time


 1H










 24H

 ALL

Aggregate by

15 minutes

OPTIONS


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AUTHENTICATION ACCOUNTING APPLICATION


COLUMNS FILTERS AUTOSIZE COLUMNS TAIL UPDATES RESET TABLE EXPORT UTC


User-Name	Calling-Station-Id	Called-Station-Id	R...	Reason	Client-IP-Addr...	Client-Identifier	NAS...	NAS-Identifier
Columns Operator Value	Operator	Value	reject		12.34.56.78	EAP_IPV4_R10DEMO_1	127.0.0.1	
X Result	contains	reject	reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
Columns Operator Value	Operator	Value	reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
X And NAS-IP-Address	equals	127.0.0.1	reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
+ ADD FILTER			reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
			reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
+ eap-ttls-eap-mschapv2-inv...	02-00-00-00-00-01		reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
+ eap-ttls-mschapv2-invalid...	02-00-00-00-00-01		reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
+ eap-peap-invalid@example...	02-00-00-00-00-01		reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
+ eap-ttls-mschapv2-invalid...	02-00-00-00-00-01		reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
+ eap-ttls-eap-mschapv2-inv...	02-00-00-00-00-01		reject		12.34.56.78	EAP_IPV4_R10DEMO_1	127.0.0.1	
+ eap-ttls-mschapv2-invalid...	02-00-00-00-00-01		reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
+ eap-ttls-eap-mschapv2-inv...	02-00-00-00-00-01		reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
+ eap-ttls-mschapv2-invalid...	02-00-00-00-00-01		reject		87.65.43.21	EAP_IPV4_R10DEMO_2	127.0.0.1	
+ eap-peap-invalid@example...	02-00-00-00-00-01		reject		12.34.56.78	EAP_IPV4_R10DEMO_1	127.0.0.1	
+ eap-ttls-eap-mschapv2-inv...	02-00-00-00-00-01		reject		12.34.56.78	EAP_IPV4_R10DEMO_1	127.0.0.1	

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## All counters


Counter name	Errors	NoAvailableConn...	Queries	Replies	Requests	Timeouts
backend::SQL_DATABASE_CLIENTS_I...	0	0	1392164	0	0	0
backend::SQL_DATABASE_UL_SETTI...	0	0	2033	0	0	0
backend::SQL_DATABASE_USERS_IN...	0	0	282721	0	0	0
backend::USERS_INTERNAL_FILE	0	0	0	0	0	0


Counter name	Accept	Error	NoReply	Reject	TimeSpentMicros
handler::ACCOUNTING::ACCOUNTING	222360	0	0	0	15265963
handler::ACCOUNTING::AUTHENTICA...	0	0	0	0	0
handler::ACCOUNTING::DEFAULT-ACCT	0	0	0	0	0
handler::DEFAULT::DEFAULT	0	0	0	0	0
handler::EAP::AUTHENTICATION-EAP	92866	0	6476	39714	849119307
handler::EAP::DEFAULT-EAP	0	0	0	0	0

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## Counter group details

**Counter group ID**

handler::ACCOUNTING::ACCOUNTING

**Type**


Handler

## Statistics

Accept	Error	NoReply	Reject	TimeSpentMicros
290631	0	0	0	19909701



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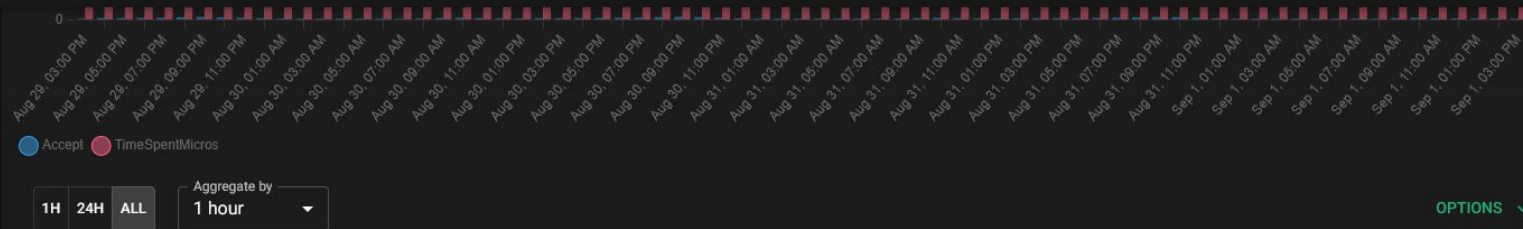
 Logs

 +1 Counters

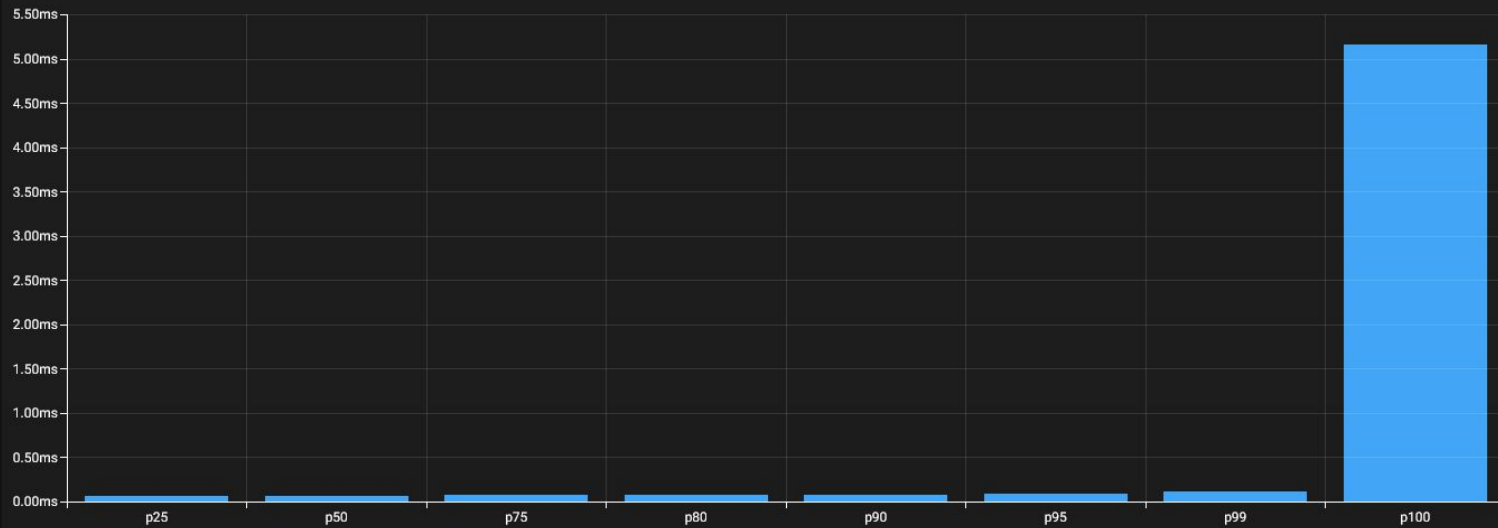
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### Latency histogram



# Interfaz de configuración




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









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## Configuration

Manage your configuration files



[+ CREATE](#)

-  db/
-  licenses/
-  lua/
-  templates/
-  tls/
-  ui/
-  .editorconfig 28/08/2025
-  10\_license.radconf 28/08/2025
-  15\_certificates.radconf 28/08/2025
-  15\_dictionary.radconf 28/08/2025
-  15\_logging.radconf 28/08/2025
-  15\_templates-logging.radconf 28/08/2025
-  19\_sql-ui.radconf 28/08/2025

-  Configuration from template
-  New configuration file
-  New directory

- ⋮
- ⋮
- ⋮
- ⋮
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- ⋮
- ⋮

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db/

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ui/

.edito

10\_lic

15\_ce

15\_di

15\_lo

15\_templates-logging.radconf

28/08/2025

## Create from Template: backend-ldap.radtmpl

Filename \*

backend-ldap.radconf

Enter a filename for the new configuration file

A backend for authenticating users against an LDAP server

## Template Configuration

LDAP backend name \*

EXAMPLE\_LDAP

A unique name for the LDAP backend configuration.

LDAP server name \*

EXAMPLE\_LDAP\_SERVER

A unique name for the LDAP server.

LDAP URL \*

ldap://localhost:389

The URL of the LDAP server, e.g. ldap://localhost:389 or ldaps://localhost:636

LDAP DN \*

cn=admin,dc=example,dc=com

The distinguished name (DN) for the LDAP bind user, e.g. cn=admin,dc=example,dc=com

LDAP Password \*

The password for the LDAP bind user.

CANCEL

CREATE

RESTORE FROM BACKUP

+ CREATE

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## Configuration

Manage your configuration

No pending



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15\_logging.radconf 28/08/2025

15\_templates-logging.radconf 28/08/2025

## Create from Template: certificates.radtmpl

Filename \*

certificates.radconf

Enter a filename for the new configuration file

Upload TLS certificates and private keys and configure them using the given ID. Each group allows adding multiple entries.

## Template Configuration

Certificates (0+)

Add one or more X.509 certificate files and assign an ID to each.

+ ADD CERTIFICATES

Private keys (0+)

Add one or more private key files and assign an ID to each.

+ ADD PRIVATE KEYS

CA certificates (0+)

Add one or more CA certificate files and assign an ID to each.

+ ADD CA CERTIFICATES

CA certificate directories (0+)

Add one or more directories containing CA certificate files and assign an ID to each.

+ ADD CA CERTIFICATE DIRECTORIES

CANCEL

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+ CREATE

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← aaa.conf

Configuration File

Unsaved changes

✔ Auto-check

✔ CHECK


SAVE

⋮

✔ Configuration is valid!


```
1  aaa {
2      policy "my_policy" {
3          handler "WIRELESS"
4              conditions all {
5                  aaa.accounting == false;
6                  radius.nas-port-type == "Wireless-802.11";
7              }
8      }
9  }
10 }
11 }
12 }
```

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
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aaa.conf

Configuration File
Unsaved changes
✔ Auto-check

CHECK
SAVE

✔ Configuration is valid!

```

1  aaa {
2      policy "main_policy" {
3          handler "wireless" {
4              conditions all {
5
6                  conditions
7                  Handler matching conditions
8                  Define conditions that must be met for this handler to process a request, enabling fine-grained request routing.
9                  Used in: aaa → policy → handler context
10             }
11         }
12     }
13 }
    
```

**conditions**

Handler matching conditions

Define conditions that must be met for this handler to process a request, enabling fine-grained request routing.

Used in: *aaa → policy → handler context*

**Syntax:**

```
conditions logical_operator { condition1; condition2; ... }
```

**Example:**

```

handler "WIRELESS_USERS" {
    conditions all {
        aaa.accounting == false;
        radius.nas-port-type == "Wireless-802.11";
        radius.called-station-id =~ /^SSID-/;
    }
    authentication {
        backend "WIRELESS_DB";
        eap-tls;
    }
}
        
```

**Notes:** Use 'all' when every condition must be true, 'any' when at least one condition must be true.

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aaa.conf

Configuration File

Unsaved changes

 Auto-check CHECK

Configuration is valid!

```
1  aaa {
2    policy "main_policy" {
3      handler "wireless"
4      conditions all {
5        aaa.accounting == false;
6        radius.nas-port-type == "Wireless-802.11";
7      }
8    }
9  }
10 }
11 }
```

accounting Accounting processing configuration

authentication

authorization

conditions

post-accounting

post-authentication

post-authorization


pre-accounting

pre-authentication

pre-authorization

template

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## captures

Captures are used for detailed logging of RADIUS server packets. The capture allows dumping received and sent RADIUS messages to an output specified by the capture configuration. Possible output destinations include the console (stdout), memory, or a file (PcapNG format).

Example configuration of a captures clause with various capture types:

```
captures {
  capture "CAPTURE_TO_CONSOLE" {
    console;
  }

  capture "CAPTURE_TO_MEMORY" {
    memory;
  }

  capture "CAPTURE_TO_CONSOLE_AND_DIRECTORY" {
    console;
    file {
      directory "/var/lib/radiator/captures";
    }
  }

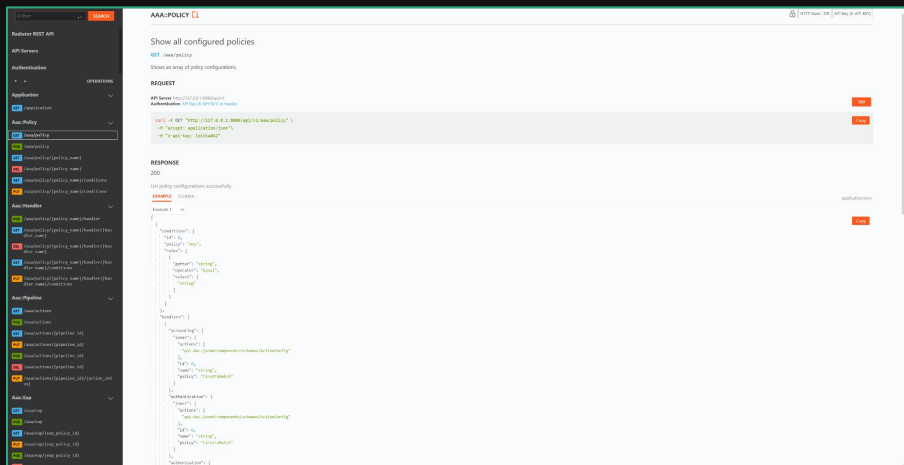
  capture "CAPTURE_TO_CONSOLE_AND_FILE" {
    console;
    file {
      directory "/var/lib/radiator/captures";
      filename "radiator-server.pcap";
    }
  }
}
```

# API de integración

# Integration API

Radiator Policy Server incluye una API REST que puede utilizarse tanto downstream como upstream para configuración, gestión, supervisión y gestión de logs.

También incluye un navegador web integrado para explorar y probar la API REST.



- Integración mediante API con aplicaciones de Azure y las API de Google Workspace
- Exportación de logs a su solución de gestión de logs mediante REST
- Gestión de configuraciones, usuarios y clientes mediante automatización a través de API
- Herramientas integradas de depuración y captura de paquetes

# Licenciamiento

Modelo de licenciamiento sencillo basado en el número de usuarios o suscriptores.

Cuota anual de renovación para actualizaciones de software y soporte: una cuarta parte del precio de la licencia.

Se aplican descuentos para instituciones educativas y organizaciones sin fines de lucro.

Para obtener más información, comuníquese con [sales@radiatorsoftware.com](mailto:sales@radiatorsoftware.com).

