

# TACACS+

Tacacs+

- [TACACS+ \(The Terminal Access Controller Access-Control System Plus\)](#)
- [TACACS+ architecture](#)
- [TACACS+ Example](#)

# TACACS+ (The Terminal Access Controller Access-Control System Plus)

“ TACACS+ is a security protocol that provides centralized validation of users who are attempting to gain access to a router or other devices.

TACACS+ is a protocol for AAA services:

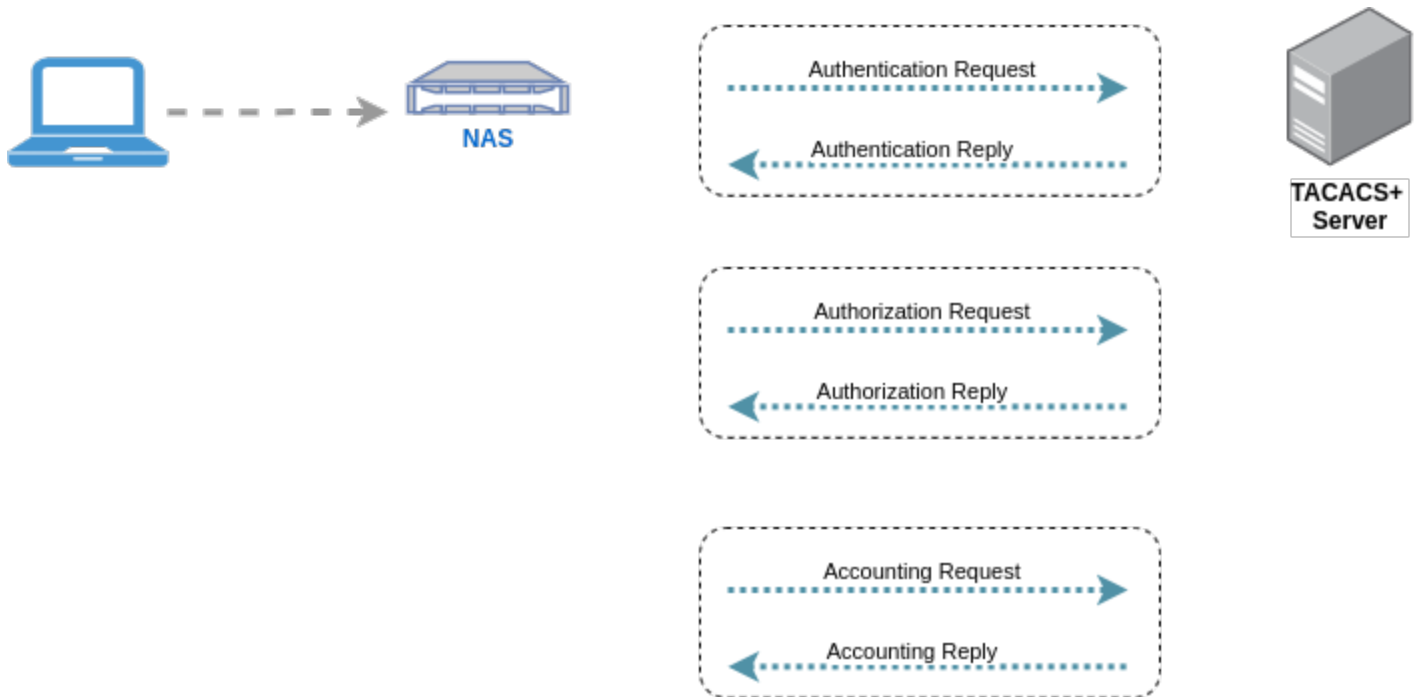
- Authentication
- Authorization
- Accounting

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<https://www.rfc-editor.org/rfc/rfc8907.html>

# TACACS+ architecture

## Introduction



# TACACS+ Example

## Service Provider

### Identification

Type : Tacacs+

Identifier : tacacs

Name : tacacs

### Login rules

Roles required to login : Roles required to login

System where an enabled account is required : tenantIdP3 - tenantIdP3

### Tacacs+ configuration

Source IPs : 127.0.0.1

Tacacs+ secret :

Authorization rules

☐

▼ Authorization rules

☐

Filter

☐

Rule01

Displayed rows: 1

Undo

Apply changes

# Information Systems

When a Tacacs Service Provider is created, Soffid creates an Information System

Basics

Role scopes

Roles

Users

Effective users

Managers

Type : Application

Parent : Parent

Name : TACACS+

Qualified name : TACACS+

Description : TACACS+ access roles

Source : Source

Owner : Owner

Executable : Executable

Database : Database

BPM enabled : 

III

No

Notification emails : Notification emails

Approval process : - None -

Role definition process : - None -

Single role : 

III

No

Undo

Apply changes

There are some roles defined for this Information System (0: anonymous, 1: user, ....15: root)

TACACS+ - TACACS+ access roles



<div> <div></div> <div>▼ Name</div> </div>	<div> <div></div> <div>Description</div> </div>	<div> <div></div> <div>System</div> </div>	<div> <div></div> <div>Domain</div> </div>	<div> <div></div> <div>Category</div> </div>
Filter	Filter	Filter	Filter	Filter
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_10	TACACS+ level 10	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_11	TACACS+ level 11	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_12	TACACS+ level 12	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_13	TACACS+ level 13	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_14	TACACS+ level 14	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_2	TACACS+ level 2	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_3	TACACS+ level 3	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_4	TACACS+ level 4	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_5	TACACS+ level 5	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_6	TACACS+ level 6	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_7	TACACS+ level 7	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_8	TACACS+ level 8	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_9	TACACS+ level 9	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_MIN	Anonymous TACACS+ user	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_ROOT	Super TACACS+ user	tenantIdP3	TACACS+
<input type="checkbox"/>	TAC_PLUS_PRIV_LVL_USER	Standard TACACS+ user	tenantIdP3	TACACS+

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