

# TACACS+

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# 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:

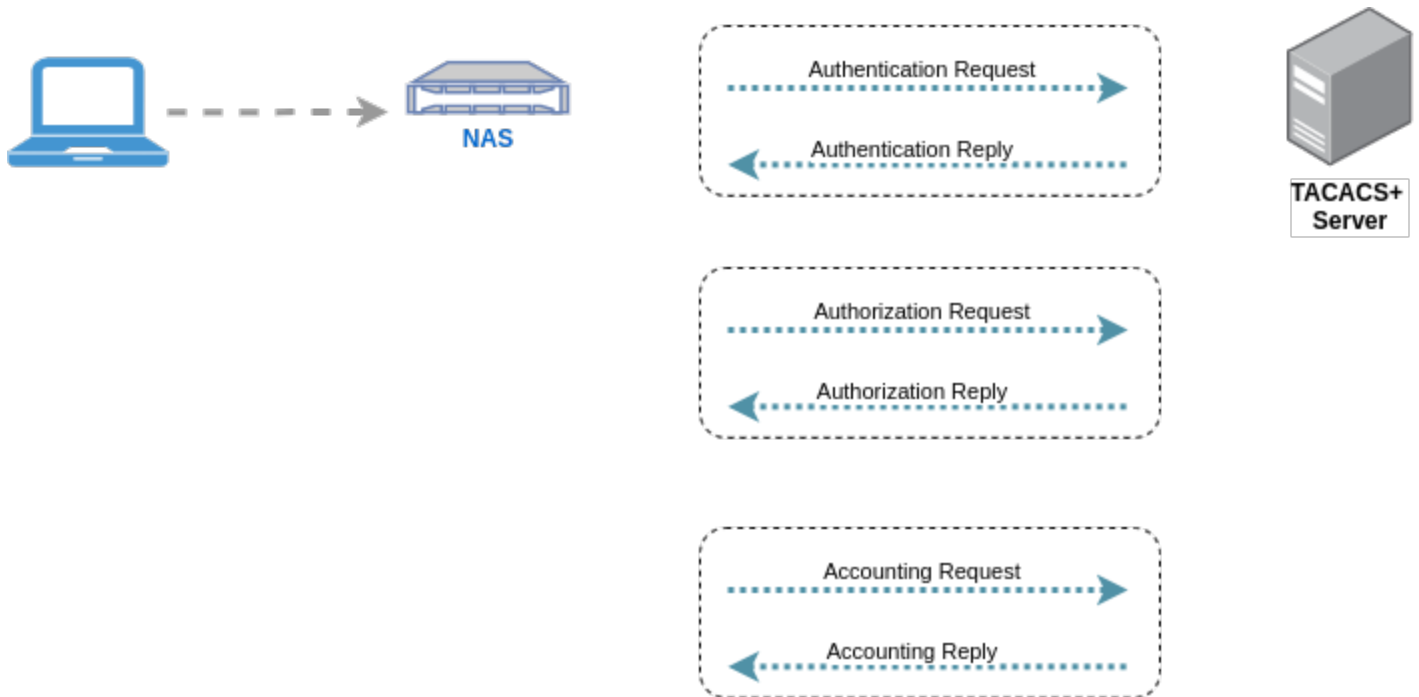
- Authentication
- Authorization
- Accounting

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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 : 

No

Notification emails : Notification emails

Approval process : - None -

Role definition process : - None -

Single role : 

No

Undo

Apply changes

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

TACACS+ - TACACS+ access roles



<input type="checkbox"/>	Name	Description	System	Domain	Category
	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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