

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.

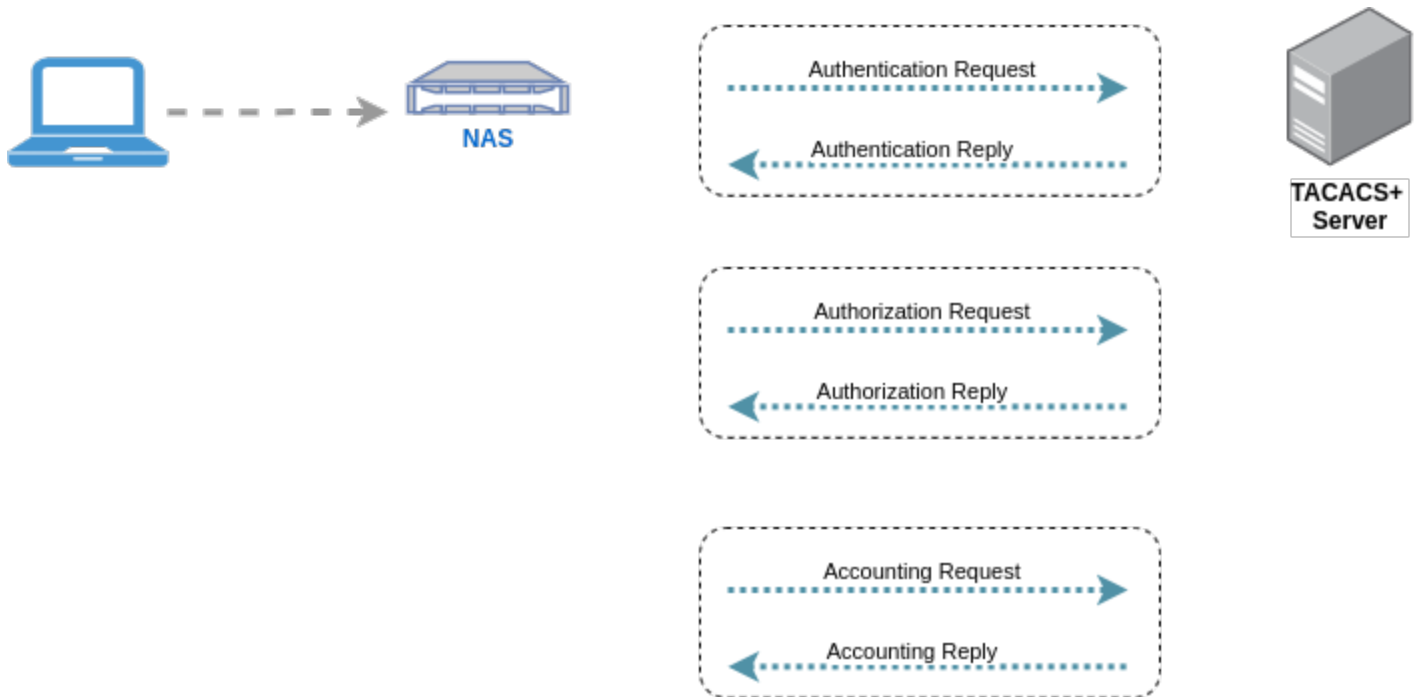
TACACS+ is a protocol for AAA services:

- Authentication
- Authorization
- Accounting

<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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