

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.

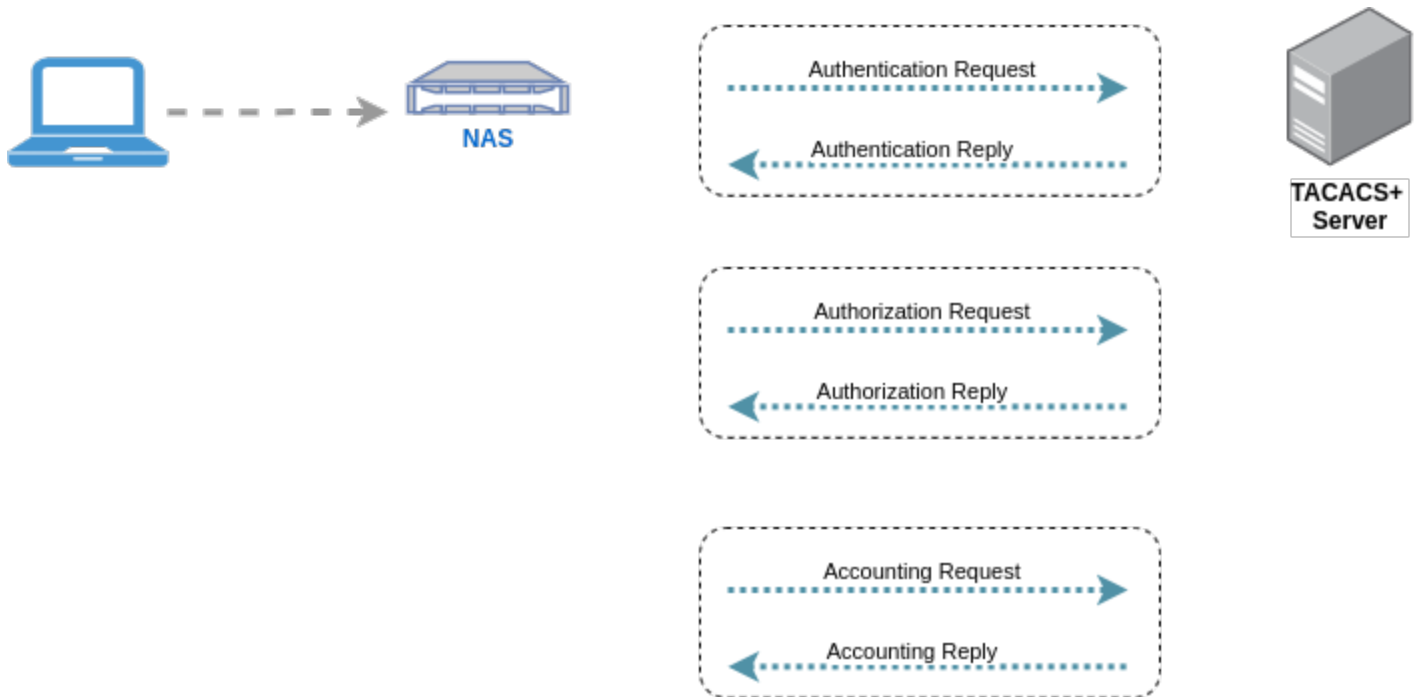
TACACS+ is a protocol for AAA services:

- Authentication
- Authorization
- Accounting

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

TACACS+ architecture

Introduction



TACACS+ Example

Service Provider

Identification

Type : Tacacs+

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Identifier : tacacs

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Name : tacacs

Login rules

Roles required to login : Roles required to login

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System where an enabled account is required : tenantIdP3 - tenantIdP3

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Tacacs+ configuration

Source IPs : 127.0.0.1

Tacacs+ secret :

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Authorization rules

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 ▼ Authorization rules

<input type="checkbox"/>	Filter
<input type="checkbox"/>	Rule01

Displayed rows: 1

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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

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Parent : Parent

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Name : TACACS+

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Qualified name : TACACS+

Description : TACACS+ access roles

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Source : Source

Owner : Owner

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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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