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# Connecting Tacacs+

## Introduction

TACACS (**T**erminal **A**ccess **C**ontroller **A**ccess **C**ontrol **S**ystem) is a security protocol that provides centralized validation of users who are attempting to gain access to a router or NAS

TACACS+ is a protocol for AAA services:

- Authentication
- Authorization
- Accounting

## Register Tacas+

1. Open the **Identity & Service Provider** page.

Main Menu > Administration > Configure Soffid > Web SSO > Identity & Service providers

2. To add a new service provider, click on the **Add Service Provider** button.

Be in mind that you can configure more than one Entity Group and you could add new service providers in each one.

3. Then you must fill in the required fields. Also, you need to provide the identity provider metadata. You can either copy it from the Soffid federation page or instruct the service provider to download the federation metadata by itself.

## 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

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

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Undo Apply changes

For more information about the attributes, you can visit [the Tacacs+ detailed info](#).

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



	Name	Description	System	Domain	Category
	<input type="text" value="Filter"/>	<input type="text" value="Filter"/>	<input type="text" value="Filter"/>	<input type="text" value="Filter"/>	<input type="text" value="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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