TACACS+

Tacacs+

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

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

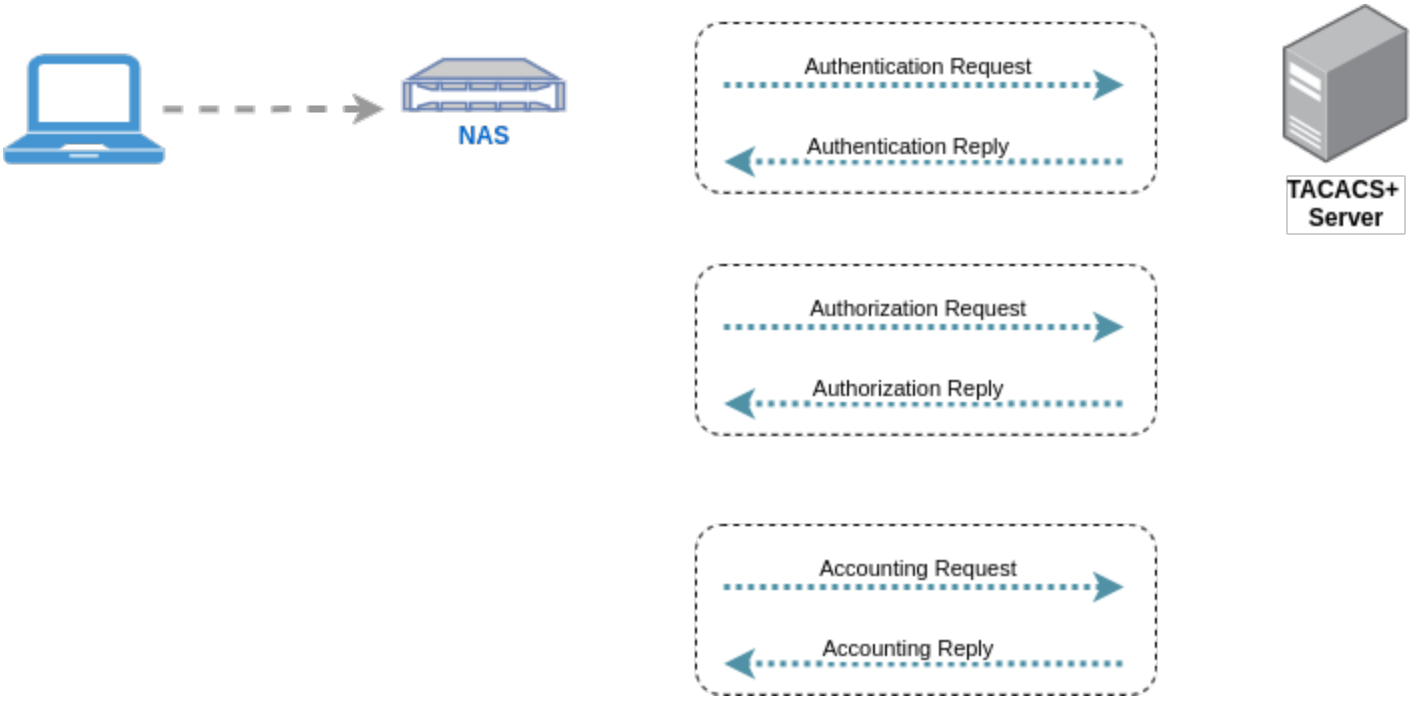
> TACACS+ is a security protocol that provides centralized validation of users who are attempting to gain access to a router or other devices.
>
> TACACS+ is a protocol for AAA services:
>
> - Authentication
> - Authorization
> - Accounting

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

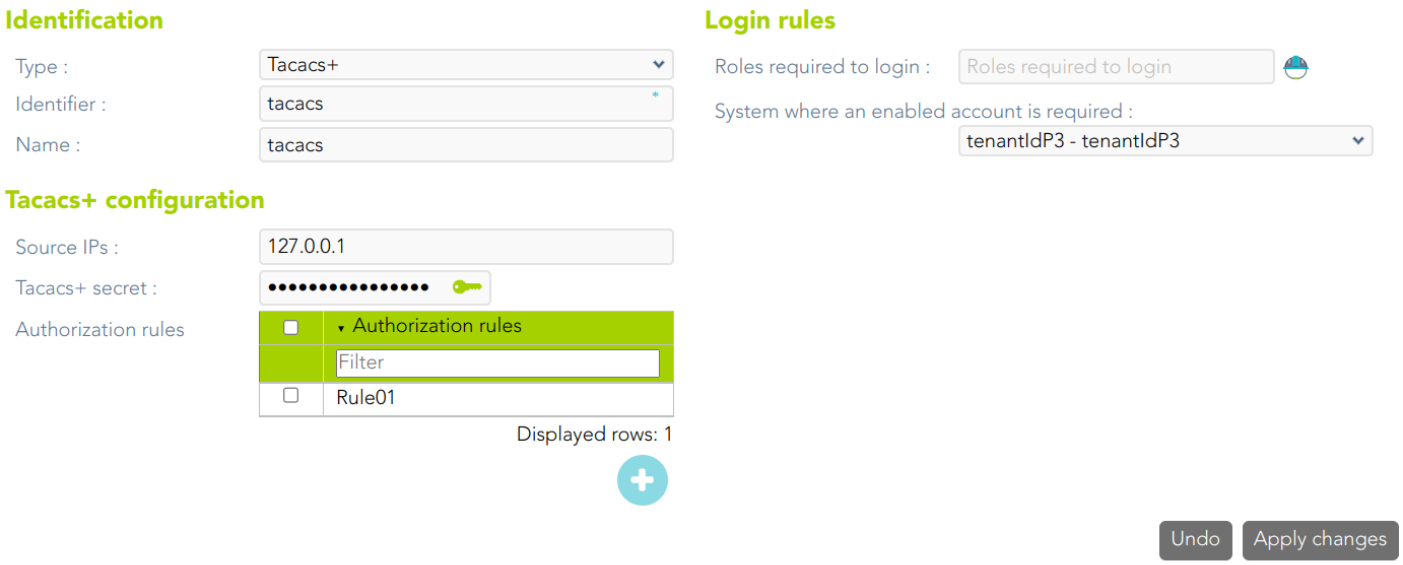
TACACS+ architecture

Introduction



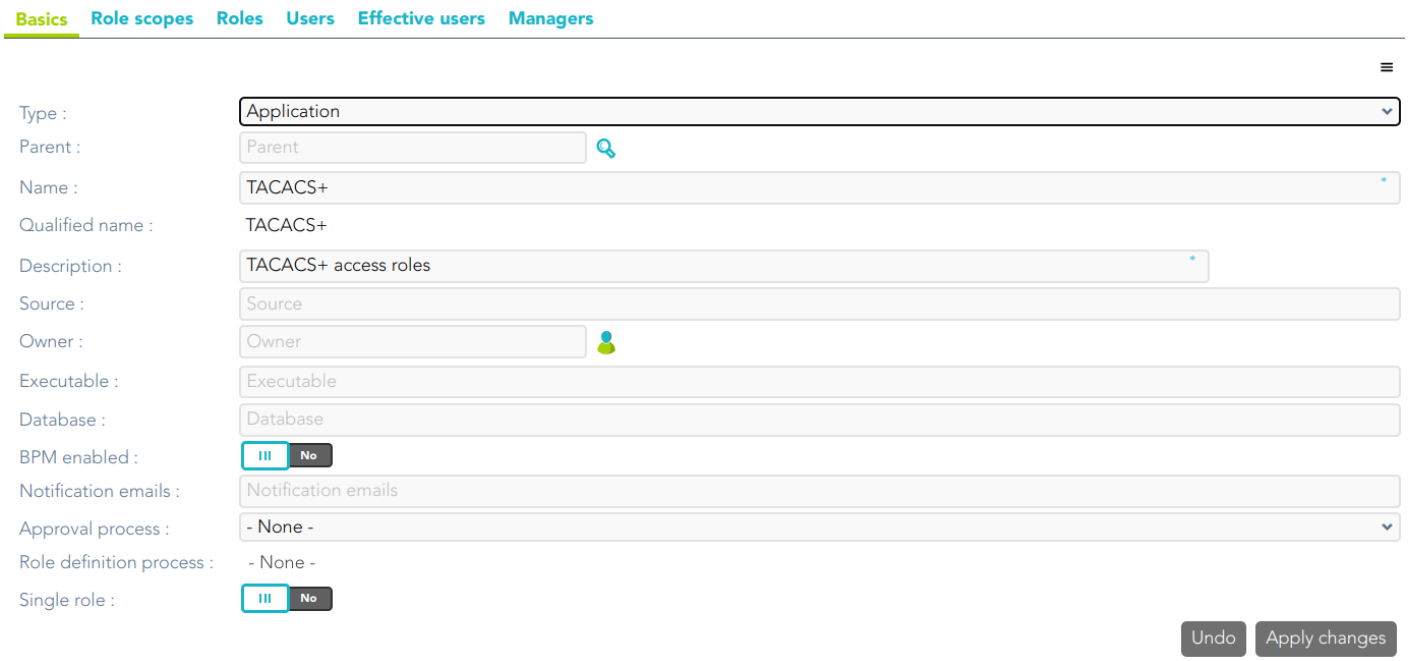
TACACS+ Example

Service Provider



Information Systems

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



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

Basics | Role scopes | Roles | Users | Effective users | Managers

TACACS+ - TACACS+ access roles

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

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