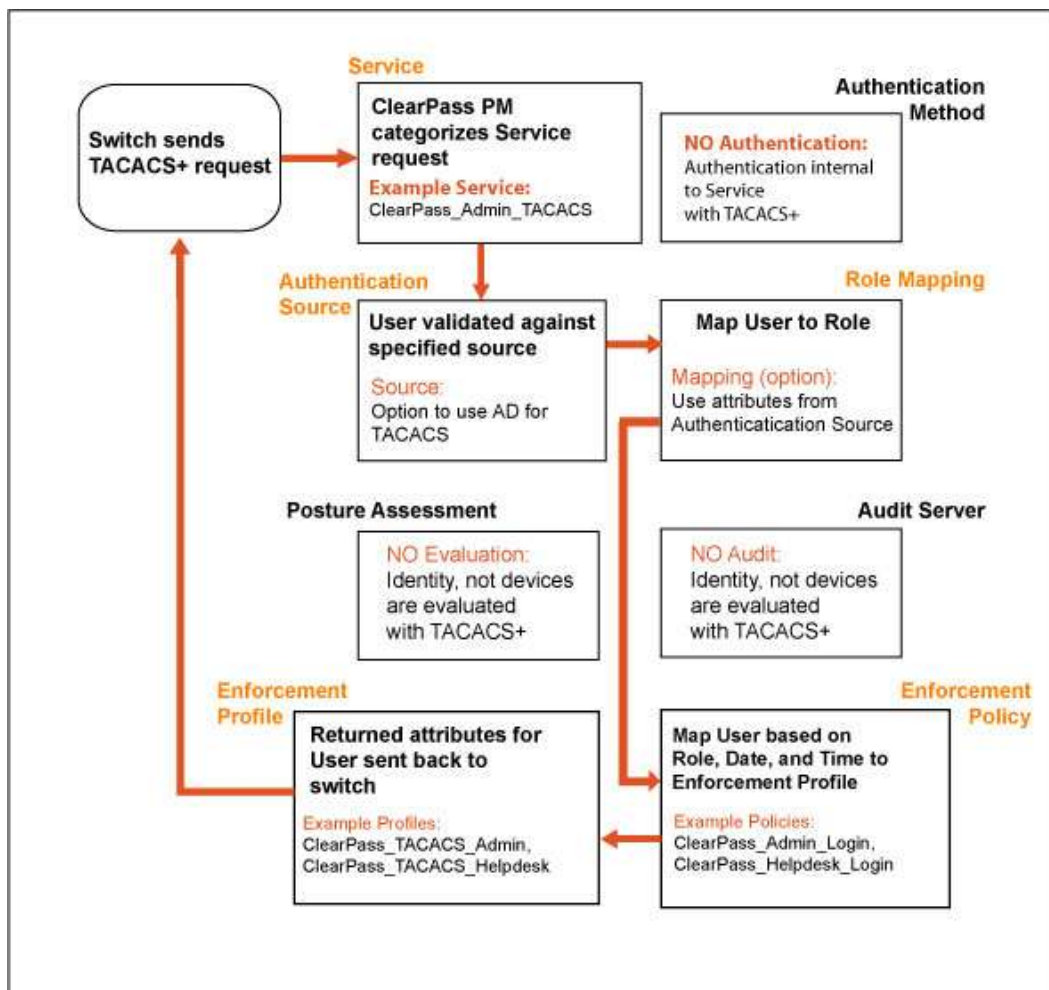


## ClearPass Policy Manager: Configuring a TACACS+ Service

Adding this Service supports managed Administrator connections to network access devices via the TACACS+ protocol.

The following illustration highlights the flow of control between TACACS+ and Aruba's Policy Manager.


**Figure 1: TACACS+ Connection Flow**



## 1.0 Configuring the Policy Manager TACACS+ Service

Go to the **Configuration » Start Here » Templates » TACACS+ Enforcement** ClearPass Policy Manager admin page to begin.

*Start by naming your new Service*

| Configuration Steps                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Enter new <b>Name</b> on appropriate line</li><li>• Click <b>Next</b></li></ul> |  <p>The screenshot shows the 'Add Services' configuration page. The 'Service' tab is selected, and the 'Name' field is populated with 'TACACS Service'. Below the main form, there is a 'Service Rule' section with a table for defining matches. The table has columns for Type, Name, Operator, and Value. The first row is labeled '1. Click to add...'.</p> |

## 2.0 Adding Authentication / Authorization for TACACS+

In this next screen you'll add an Authentication Source from the drop-down list or you can create a new one.

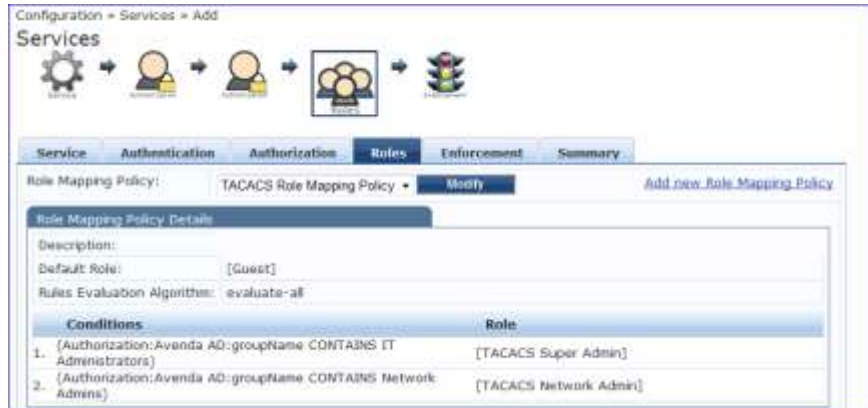
| Configuration Steps                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Use the <b>Select to Add</b> drop down to add a source (ex: Active Directory where all users are defined)</li><li>• Click <b>Next</b></li><li>• You are now shown the <b>Authorization</b> screen</li><li>• Click <b>Next</b> to accept defaults</li></ul> |  <p>The screenshot shows the 'Add Services' configuration page with the 'Authentication' tab selected. The 'Authentication Sources' list contains 'Avents AD (Active Directory)'. A context menu is open over this source, showing options: 'View Up', 'View Down', 'Remove', 'View Details', and 'Modify'. Below the list is a '-Select to Add-' dropdown menu. The 'Strip Username Rules' checkbox is also visible at the bottom.</p> |

### 3.0 Assigning User Roles to the TACACS+ Service

This next step allows you to define which roles are provided Admin privileges per your new TACACS+ Service.

#### Configuration Steps

- Use the **Role Mapping Policy** to select or modify a role for the Service (See **Figure 1** for examples)
- Click **Next**

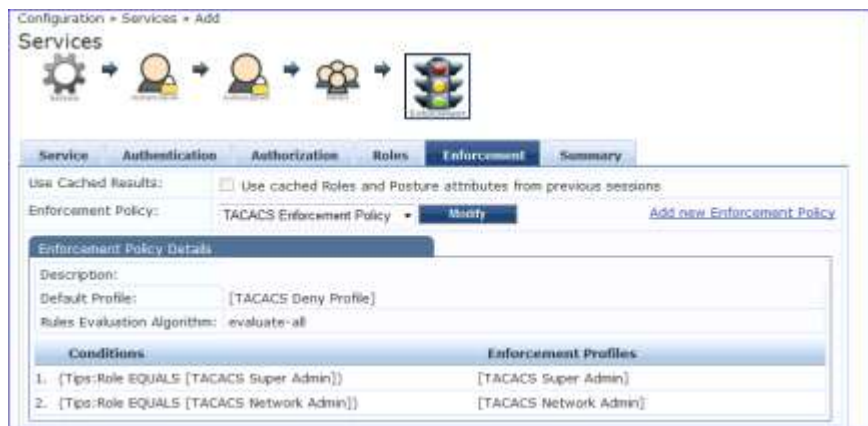


### 4.0 Mapping User Roles to an Enforcement Policy

This next step allows you to map an Enforcement Policy for the roles that you previously defined.

#### Configuration Steps

- Select the **Enforcement Policy** you wish to use from the drop down (See **Figure 1** for examples)
- Click **Next**



## Completing the Service

### Configuration Steps

- Review the contents of your new Service in order to approve or alter any attributes
- Click **Next** to finish



Configuration > Services > Add  
Services

Service has not been saved

Service Authentication Authorization Roles Enforcement Summary

**Service:**

Type: TACACS+ Enforcement  
Name: TACACS Service  
Description:   
Monitor Mode: Disabled

**Service Rule**

Match ALL of the following conditions:

| Type | Name | Operator | Value |
|------|------|----------|-------|
|------|------|----------|-------|

**Authentication:**

Authentication Sources: Avenda AD [Active Directory]  
Strip Username Rules: -

**Authorization:**

Authorization Details: -

**Roles:**

Role Mapping Policy: TACACS Role Mapping Policy

**Enforcement:**

Use Cached Results: Disabled  
Enforcement Policy: TACACS Enforcement Policy

### For Assistance

[support@arubanetworks.com](mailto:support@arubanetworks.com) or 408.227.4500