

Juniper configuration

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Guide for implementing SMS PASSCODE protection with Juniper.

This document outlines the process of configuring a Juniper with SMS PASSCODE Radius Client protection.

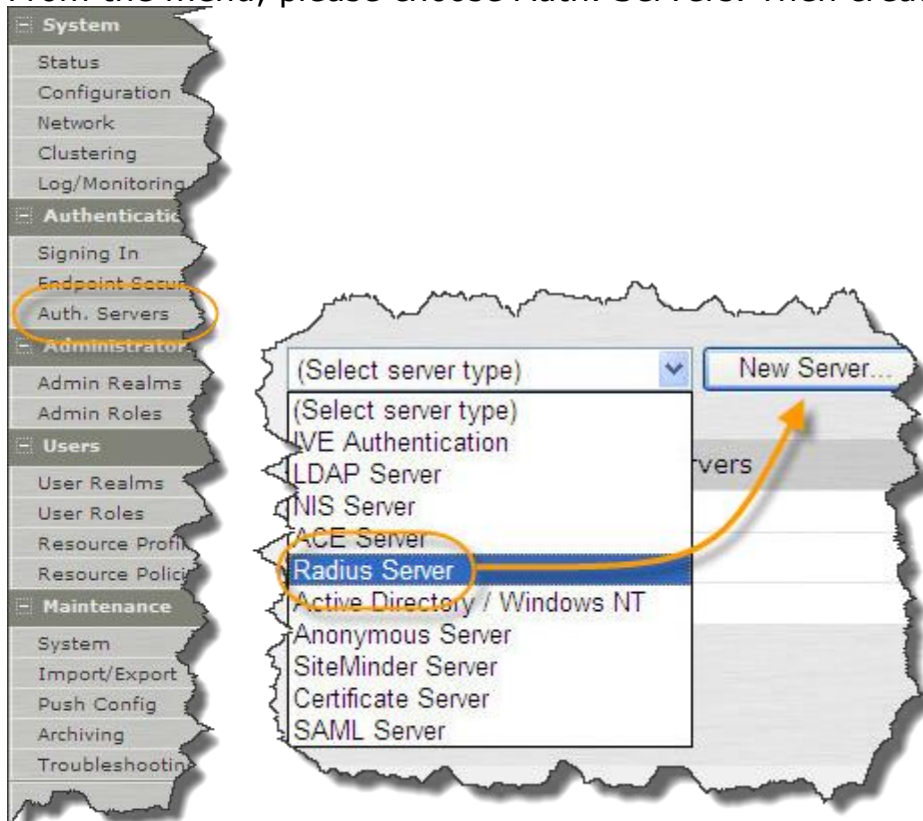
Prerequisites

Juniper SA or Juniper MAG series.
Microsoft radius server (NPS)

Configuration Guide

When setting up the Juniper concentrator, it has to be configured to use authentication with radius.

From the menu, please choose Auth. Servers. Then create a new Radius server.





Name is a friendly name of your own choice.
The Authentication port 1812 is a standard radius port (UDP).
Shared secret must match the shared secret entered in the NPS radius client.

Name:

NAS-Identifier:

Primary Server

Radius Server:

Authentication Port:

Shared Secret:

Accounting Port:

NAS-IP-Address:

Timeout: seconds

Retries:

When this configuration is saved, please add a radius rule





Please setup custom Challenge rule and reject rule.

Incoming Packet type: "Access Challenge" or "Access Reject"

Radius attribute "Reply-message (18)"

Operand: "Matches the expression"

Value: "(.*)"

Please choose "show generic login page"

Save the configuration

Radius Rules Configuration - Microsoft Internet Explorer provided by SMS Passcode A/S

Hyperlinks Microsoft Outlook Web Access OpManager SMS PASSCODE SSL VPN Service Web Interface Log In

Startside Feeds (1) Udskriv Side Funktioner Hjælp Opslag Messenger

Edit Custom Radius Challenge Rule

If received Radius packet ...

Incoming Packet Type: Access Challenge

Radius Attribute	Operand	Value
Reply-Message (18)	matches the expression	(.*)
Reply-Message	matches the expression	(.*)

Then take action ...

show NEW PIN page show NEXT TOKEN page show GENERIC LOGIN page

show user login page with error

Error Message: or Reply-Message

send ACCESS REQUEST with additional attributes

Radius Attribute	Value
User-Name (1)	<input type="text"/>

Save Changes ?

Save Changes Close



Auth Servers > SMS Passcode >

Edit Custom Radius Rule

Name: SMS Passcode Reject

If received Radius Response Packet ...

Response Packet Type: Access Reject

Attribute criteria:

Radius Attribute	Operand	Value	
Reply-Message (18)	matches the expression		Add
Reply-Message	matches the expression	(.*)	X

Then take action ...

- show **New Pin** page
- show **Next Token** page
- show **Generic Login** page
- show **user login page** with error message
 -
 - show **Reply-Message** attribute from the Radius server to the user
- send **Access Request** with additional attributes

Radius Attribute Value

To configure and set up the radius server, please refer to the SMS PASSCODE administration guide.