RADIUS Configuration

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RADIUS Configuration

Overview

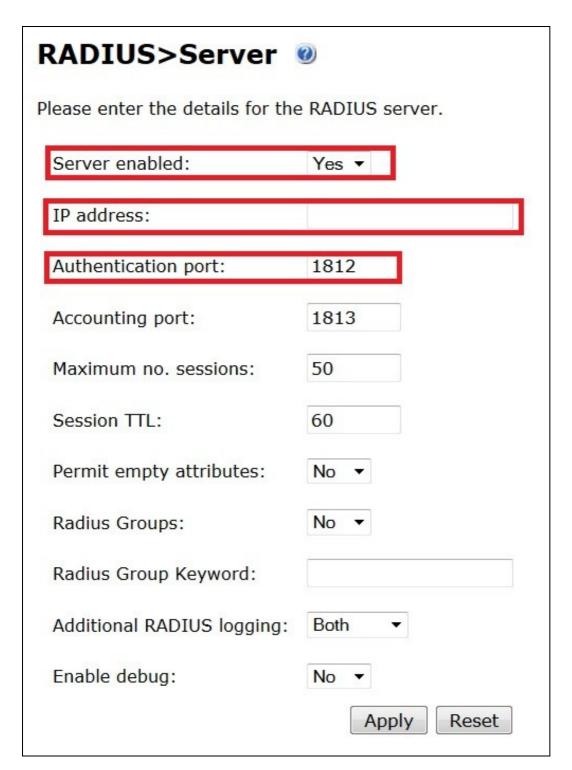
Swivel is a RADIUS server and can accept requests from Network Access Servers (RADIUS Clients) that ask authentication information. For non RADIUS devices, Swivel supports an XML authentication see XML Authentication Configuration.

This RADIUS configuration guide outlines how to configure Swivel as a RADIUS server for NAS clients. For further information on the Swivel RADIUS server and options available see RADIUS How To Guide

Configuring the RADIUS server

Configure the RADIUS settings using the RADIUS configuration page in the Swivel Administration console. Leave the RADIUS Server IP address empty, this means that the server will answer all RADIUS requests received by the server regardless of the IP address that they were sent to, and is useful where multiple network interfaces are used.

If authentication must only occur on a single IP address of the Swivel instance then enter an IP address from the Swivel server. If an IP is specified then only RADIUS requests sent to that IP address will be responded to. If on AuthControl Sentry 4.1.0.6062 or later, you can now use the Swivel VIP address, for HA environments.



Configuring the RADIUS NAS

On the Swivel Administration console under RADIUS/NAS, enter a name for the Access device from which RADIUS requests are made from. The IP address should be set to the IP of the Access device, and a secret (a password such as ?secret?) assigned, that will be used on both the Swivel server and Access Device RADIUS configuration.

Identifier: Send Security String after Stage One: Check Password with repository: Authenticate non-user with just password: Username attribute for repository: Allow alternative usernames: Alternative username attributes: Hostname/IP: Secret: Group: EAP protocol: Authentication Mode: Vendor (Groups): Change PIN warning: Two Stage Auth: No Yes Yes Yes Yes Yes No A All All All All All No No Two Stage Auth: No Yes No Yes No Authentication No Yes No Yes No Yes No Authentication No No No No No No No No No		
Check Password with repository: Authenticate non-user with just password: Username attribute for repository: Allow alternative usernames: Hostname/IP: Secret: Group: EAP protocol: Authentication Mode: Vendor (Groups): Change PIN warning:	Identifier:	Device Name
Authenticate non-user with just password: No Username attribute for repository: Allow alternative usernames: No Alternative username attributes: Hostname/IP: 192.168.1.1 Secret: ••••• Group:ANY EAP protocol: None Authentication Mode: All Vendor (Groups): None Change PIN warning: No V	Send Security String after Stage One:	Yes ▼
Username attribute for repository: Allow alternative usernames: Alternative username attributes: Hostname/IP: Secret: Group: EAP protocol: Authentication Mode: Vendor (Groups): Change PIN warning: No No No No No No No No	Check Password with repository:	No ▼
Allow alternative usernames: Alternative username attributes: Hostname/IP: Secret: Group: EAP protocol: Authentication Mode: Vendor (Groups): Change PIN warning:	Authenticate non-user with just password:	No ▼
Alternative username attributes: Hostname/IP: Secret: Group: EAP protocol: Authentication Mode: Vendor (Groups): Change PIN warning: 192.168.1.1 None ANY V None None None None	Username attribute for repository:	
Hostname/IP: 192.168.1.1 Secret: Group: ANY EAP protocol: None Authentication Mode: Vendor (Groups): Change PIN warning: No ▼	Allow alternative usernames:	No ▼
Secret: Group: EAP protocol: Authentication Mode: Vendor (Groups): Change PIN warning: No ••••• Indication Mode: No ••••• No •••• No •••• No •••• No •••• No •••• No ••• No ••• No ••• No ••• No ••• No •• No • N	Alternative username attributes:	
Group: EAP protocol: Authentication Mode: Vendor (Groups): Change PIN warning: No ANY None No No No No No No No No No N	Hostname/IP:	192.168.1.1
EAP protocol: Authentication Mode: Vendor (Groups): Change PIN warning: No ▼	Secret:	•••••
Authentication Mode: Vendor (Groups): Change PIN warning: All No No No No No No No No No	Group:	ANY ▼
Vendor (Groups): Change PIN warning: No ▼	EAP protocol:	None •
Change PIN warning: No ▼	Authentication Mode:	All ▼
	Vendor (Groups):	None ▼
Two Stage Auth: No ▼	Change PIN warning:	No ▼
	Two Stage Auth:	No ▼

Note for access using mobile phone devices (Swivlet, Mobile Phone apps such as .NET mobile, iPhone App the access device must be configured to use PAP for authentication.