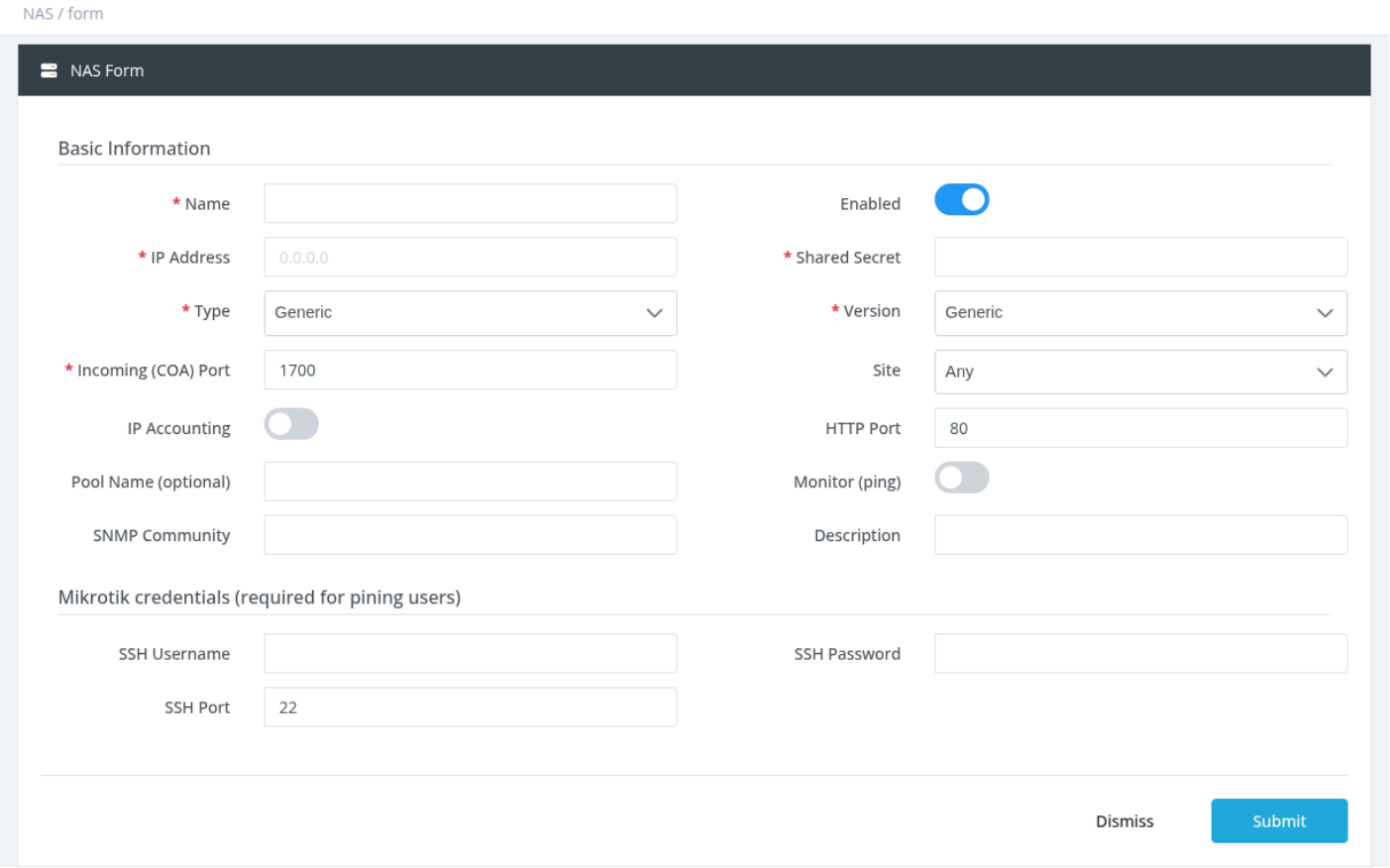
Adding and Editing a NAS

To add a router, open *NAS*, click **Actions → New**, fill in the form and click **Submit**. To change a NAS, click its name in the NAS List.



The new NAS works a few seconds after saving, once the RADIUS service has restarted. Then configure the router itself; see Connecting a MikroTik Router.

Basic Information

Name

Required and unique. A name to recognise the router, for example `Tower-1`.

Enabled

ON by default.

IP Address

Required and unique. The IPv4 address the router sends RADIUS packets **from**. If the router connects to SAS Radius over a VPN (L2TP, SSTP…), use the router's **tunnel IP**. If the address is wrong, SAS Radius ignores all requests from the router.

Shared Secret

Required. A password shared by SAS Radius and the router. It must be exactly the same on both sides. Only letters, digits and underscore (`_`) are allowed.

Type

Required. Select the router vendor: **Generic, Mikrotik, Cisco, UBNT Access Point, Ubiquiti EdgeRouter, Nokia, VAS Experts, netElastic, Huawei, RtBrick, BNGSOFT**. SAS Radius uses the type to send the right attributes (speed, pool, disconnect format) to the router.

Version

Required. **Generic**, **Mikrotik 6.36 or higher**, **Mikrotik 6.35 or lower** or **Cisco ASR 9xxx**. For current MikroTik RouterOS versions, choose *Mikrotik 6.36 or higher*.

Incoming (COA) Port

Required. The UDP port on the router where SAS Radius sends disconnect and speed-change (CoA) requests. It must match the router's RADIUS incoming port. The form default is **1700**; the MikroTik default is **3799**. Use the same number on both sides. See Disconnect and CoA.

Site

Optional. Limits the NAS to managers of one site (needs *Settings - Sites Management*).

IP Accounting / HTTP Port

Turn on **IP Accounting** to collect per-IP traffic from a MikroTik (used for Free Zone traffic). IP Accounting must also be enabled on the router, and **HTTP Port** must be the router's web port (default 80).

Pool Name (optional)

An IP pool name for **all** users of this NAS.

> Pool Name overrides the pool set in the profiles for every user on this router, including the expired pool. Leave it empty unless you really want one pool for everyone.

Monitor (ping)

When ON, SAS Radius pings the router regularly and shows the result in the RTT and Packet Loss columns.

SNMP Community

The router's SNMP community name (for example `public`). Needed for **Live Traffic** in Online Users. SNMP must be enabled on the router.

Description

Optional notes.

Mikrotik credentials (required for pinging users)

SSH Username, **SSH Password** and **SSH Port** (default 22) of the MikroTik. SAS Radius logs in over SSH to run **Ping** on a user from the Online Users page. Leave empty if you don't use it. Use a router user with limited rights.

Changing a NAS IP address

If you change a router's IP address, make sure the router sends only the new address. If the same sessions arrive with two different addresses, users can appear twice and be disconnected as double logins.

Required permission: NAS - Create (also needed to edit a NAS)

Revision #4
Created 2026-11-05 11:31:34 UTC by Admin
Updated 2026-11-07 20:28:47 UTC by Admin