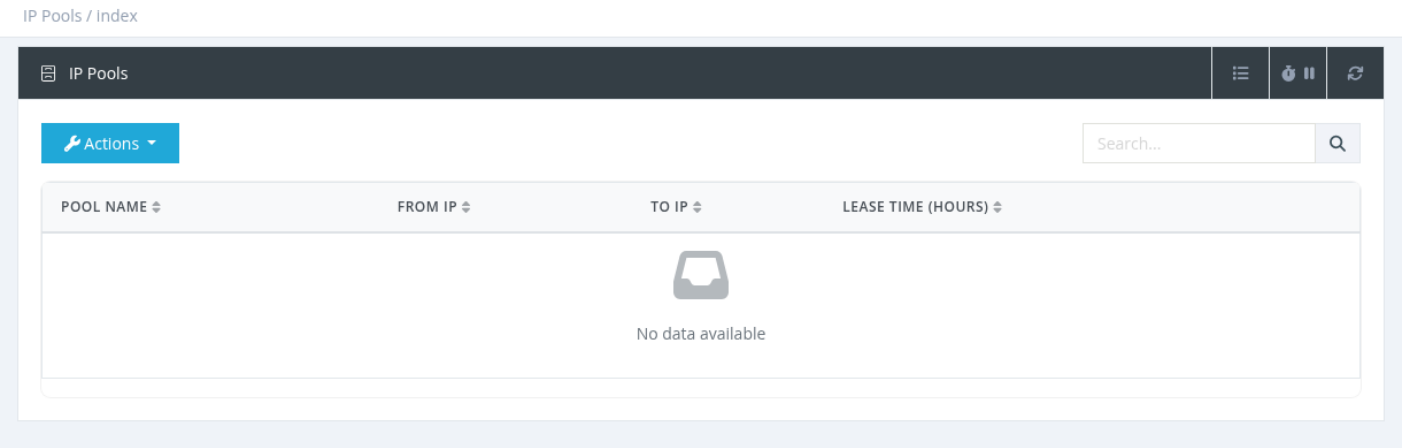
IP Pools

Every subscriber needs an IP address when connecting. SAS Radius supports two ways to assign addresses, chosen per profile with **IP Pool Mode**:

IP Pool Mode	Who assigns the IP	When to use
Use NAS IP Pools (default)	The router. SAS Radius only sends the **Pool Name**; the pool must exist on the router with the same name.	Most networks, especially with one router or pools that differ per router.
Use SAS4 IP Pools	SAS Radius, from pools created in *IP Pools*. The router receives the exact IP for each user.	To manage all address ranges in one place instead of on every router.

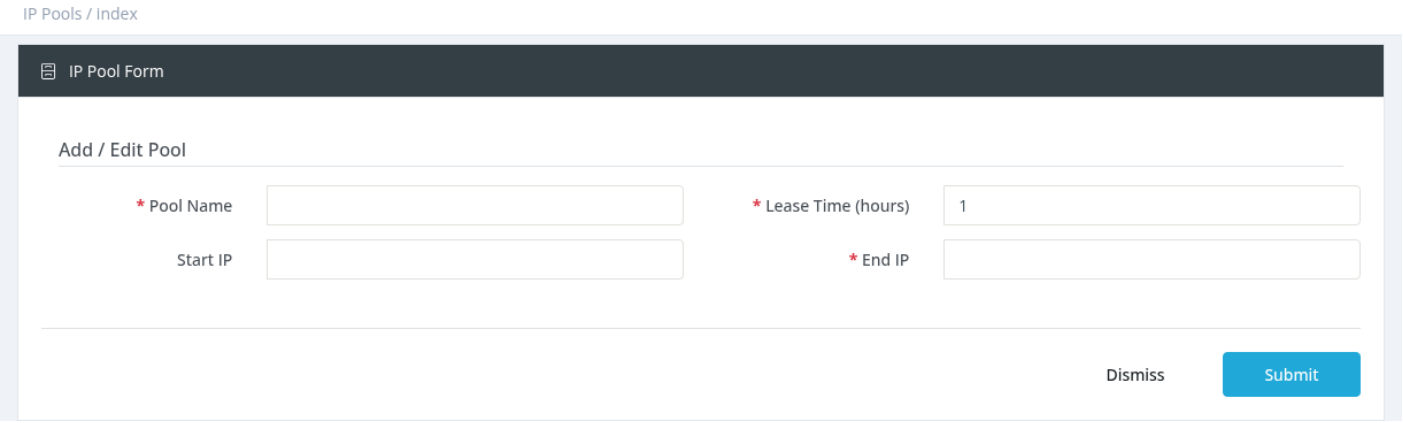
IP Pools list

Open *IP Pools* in the menu. The list shows each pool's **Pool Name**, **From IP**, **To IP** and **Lease Time (hours)**. Search by name or IP. Click a pool name to edit it.



Creating a pool

Click **Actions → New**, fill in the form and click **Submit**.



Field	Description
Pool Name	Required and unique, for example `pool-20M`.
Lease Time (hours)	How long an address stays reserved for a user (default 1).
Start IP	First address of the range, for example `10.20.0.1`.
End IP	End of the range, for example `10.20.3.255`. It must be after the Start IP. The pool contains the addresses from Start IP up to, but not including, End IP.

- Large ranges take a little longer to save, because every address is prepared.
- Editing a pool rebuilds its address list.
- **Deleting** a pool also removes it from all profiles that use it; those profiles go back to *Use NAS IP Pools*.

Required permission: Managers - System Administrator

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