

# Virtual Rack

## vRack

You must have two or more servers to use vRacks

On supported servers, you can order a **Virtual Rack (vRack)** and place your infrastructure inside it. A vRack allows you to interconnect your servers and IP blocks over a secure, private Layer-2 network. This makes it possible to build private clusters, internal networks, and multi-server architectures without exposing traffic to the public internet.

A vRack can span **multiple datacentres and even multiple countries**, allowing you to link servers across regions as if they were on the same local network. When combined with **Network Attached Storage (NAS)**, vRack becomes a powerful tool for building high-availability environments.

Only **Failover IP blocks** can be placed into a vRack. These can be ordered from the **Infrastructure** tab or directly from your client area at: <https://my.f2h.cloud>. IP delivery is automated after payment.

The screenshot displays the vRack management interface. On the left, a panel titled 'PRIVATE NETWORKING · VRACK' contains the heading 'Drop HA-eligible gear into your private rack.' and a descriptive paragraph. Below this, two sections are visible: 'AVAILABLE TO ATTACH' with 'SERVERS' (showing 'No HA-eligible servers waiting to be attached.') and 'IP BLOCKS' (showing 'No failover / movable IP blocks waiting to be attached.'). On the right, a 'YOUR VRACK' panel shows a status of 'pn-78865 ONLINE'. It lists 'SERVERS' with one server 'ns3079587.ip-14 202-215.eu' in an 'ONLINE' state and two empty slots. Below, 'IP BLOCKS' shows two empty slots. Above the server list, there are controls for 'Release vRack' and 'Refresh', along with a note: 'Detach everything first to release this vRack. (1 server still attached)'. A section titled 'ORDER FAILOVER IPS · HA READY' offers three options: '/29 (8 IPS)', '/28 (16 IPS)', and '/27 (32 IPS)', with a note: 'Creates an invoice - delivered minutes after payment.'

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