

Configuring a server in the Warpgate

For connecting with SSH to servers that we host, we use our self-hosted SSH bastion Warpgate. That allows us to manage the active employees and their SSH pubkeys, configure what servers they have access to, and keep logs of SSH sessions.

To configure (add) a server to the Warpgate, follow these steps:

1. Connect to the Pionect VPN and navigate to warpgate.pnct.nl.
2. Log in as the admin user (not with Google).
3. You will be presented with a list of servers. At the top, press the option 'Manage Warpgate'. This will bring you to the management portal.
4. In the header navigation, click 'Config' and then 'Targets'. You will now see a list of all the servers configured with the Warpgate.
5. Press 'Add target', fill in the server name (as it appears on DigitalOcean/the hosting provider) as the target name, and press 'Create target'. You will now see the configuration page for the new target.
6. Configure the following:
 1. Target host: This should be either the static IP of the server (preferred) or the dynamic IPV4 address.
 2. Username: If the server was provisioned with Laravel Forge, this *must* be 'forge'. Otherwise, it may be 'root'.
 3. Allow access for roles: Always select 'warpgate:admin' and the correct specific role (a.k.a. group) for the server. It should not be added to both the relevant 'Level 1' and 'Level 2' groups, only one of these must be chosen. If the relevant roles are not available, please first create them under the Roles menu before continuing. Please keep in mind the principle of least privilege when configuring this section.
7. Press 'Check host key'. If this fails, please add the Warpgate's SSH pubkey to the authorized_keys list on the server before retrying. You can find this pubkey [here](#) (use the short one).
8. Press 'Update' to persist your changes.

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