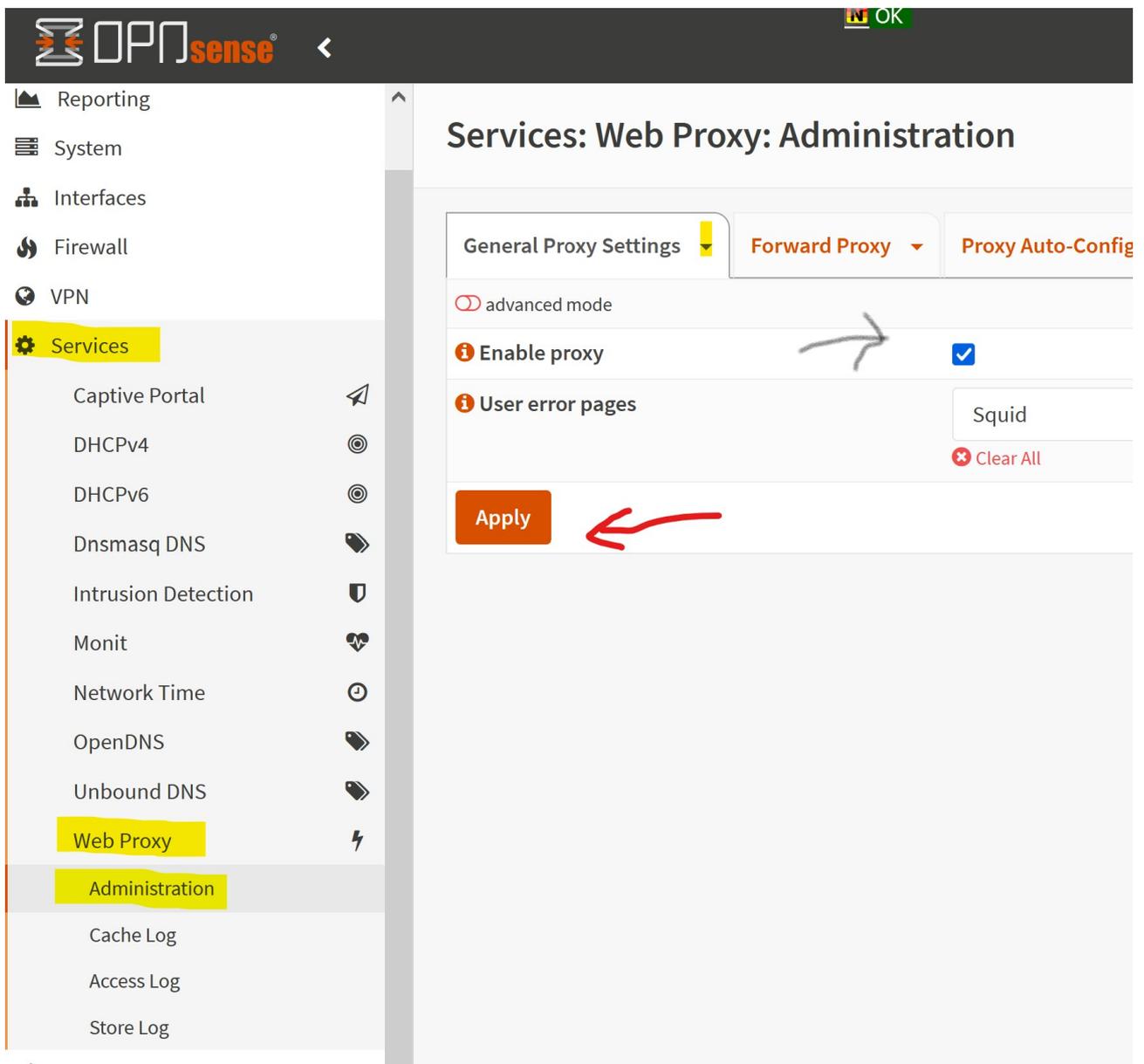


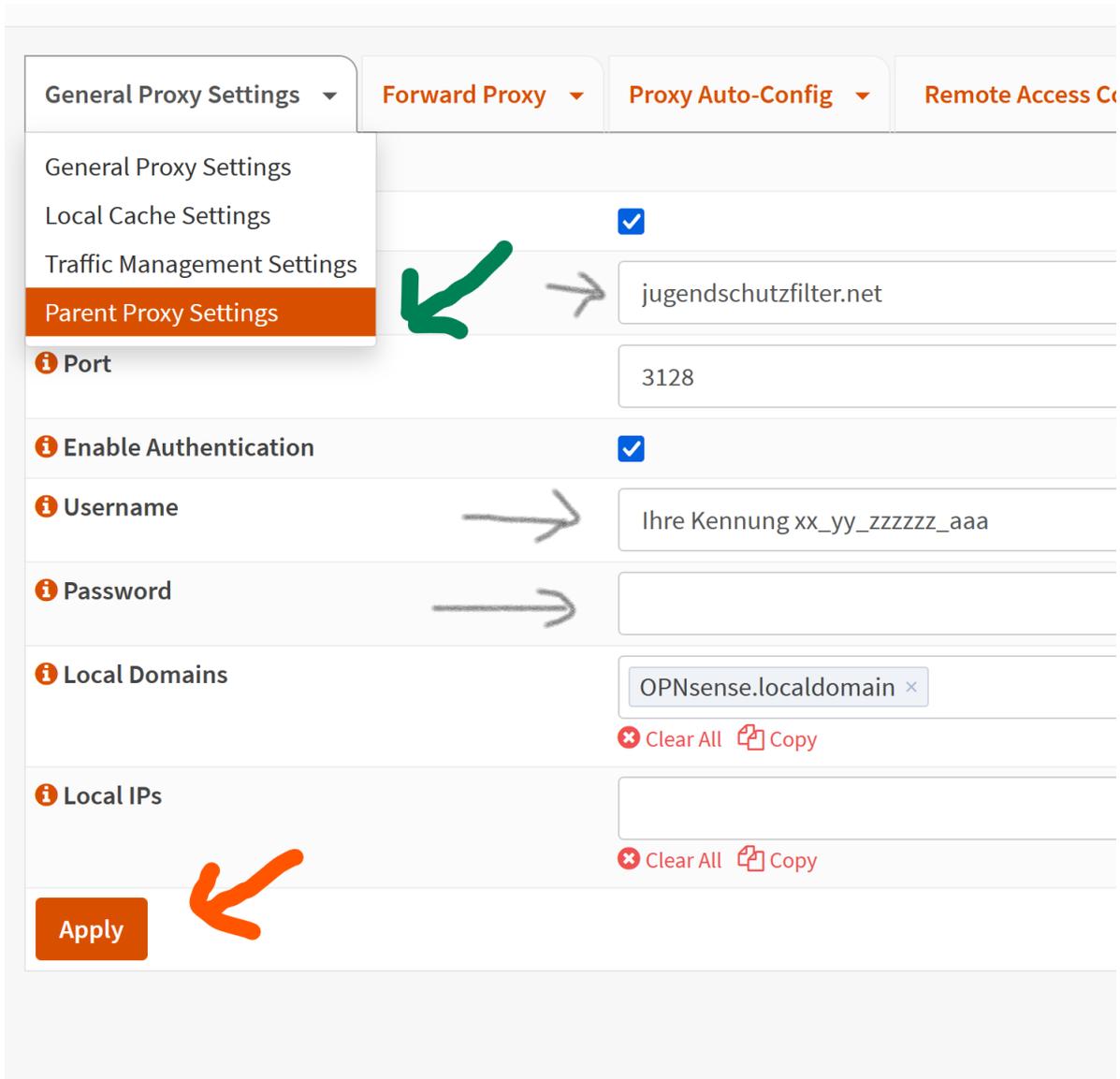
Anleitung zur Konfiguration von OPNsense (OPNsense 22.1.2_1) für den Jugendschutzfilter für Schulen

1. Verwaltungsoberfläche von OPNsense im Browser öffnen
2. Dann Services → Web Proxy → Administration



The screenshot displays the OPNsense web interface. On the left, the navigation sidebar is visible, with 'Services' and 'Web Proxy' highlighted. The main content area is titled 'Services: Web Proxy: Administration'. It features a 'General Proxy Settings' dropdown menu, a 'Forward Proxy' dropdown, and a 'Proxy Auto-Config' dropdown. Below these, there are several settings: 'advanced mode' (disabled), 'Enable proxy' (checked), and 'User error pages' (set to 'Squid'). A 'Clear All' button is also present. A red arrow points to the 'Apply' button at the bottom of the settings section. A black arrow points to the 'Enable proxy' checkbox.

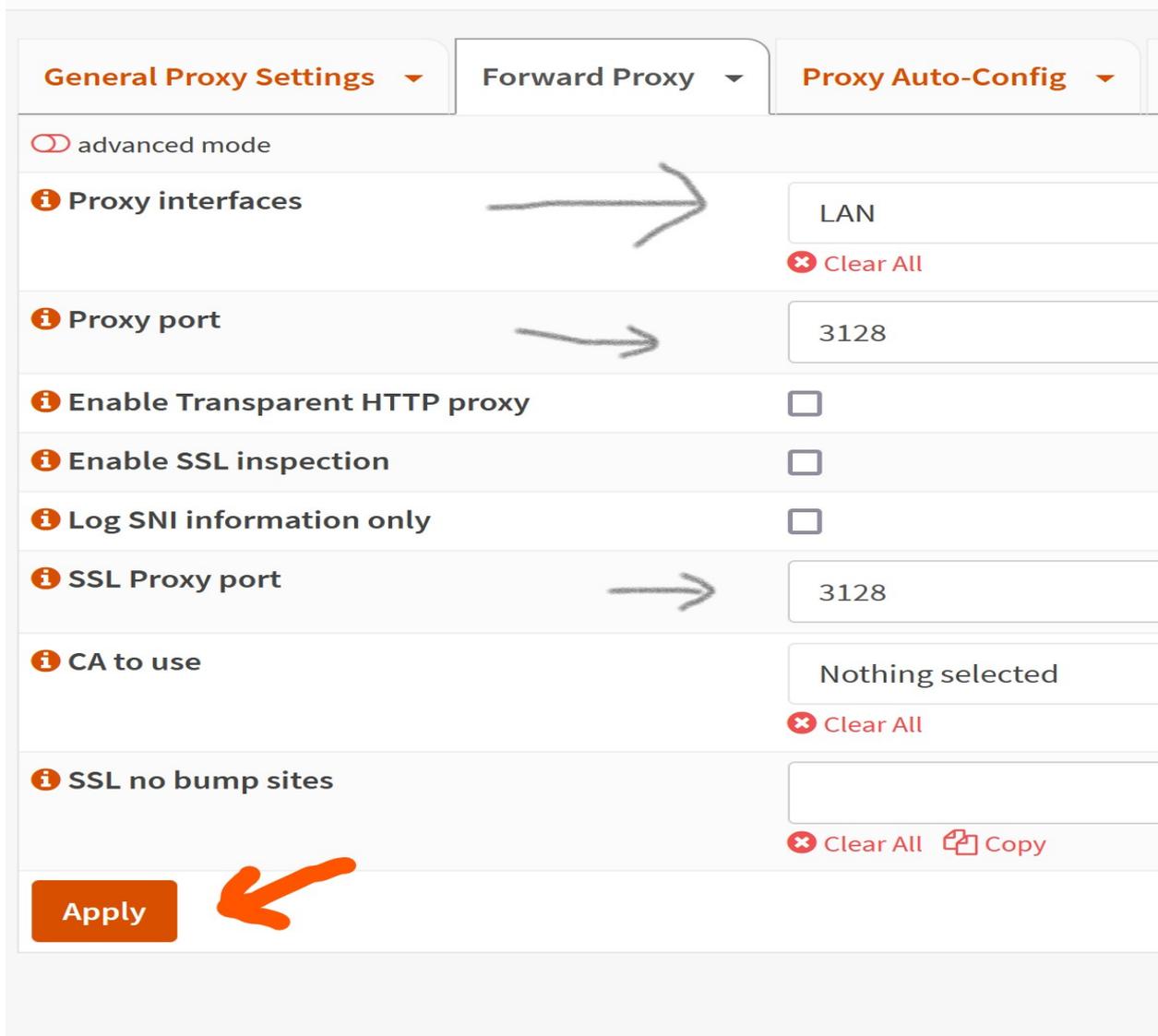
3. Aufklappen des Reiters „General Proxy Settings“ und dort Auswahl „Parent Proxy Settings“



The screenshot shows the 'Parent Proxy Settings' section of the OPNsense web interface. A dropdown menu is open, highlighting 'Parent Proxy Settings'. A green arrow points to the 'Parent Proxy Settings' menu item. A grey arrow points to the 'Parent Proxy Settings' text in the main settings area. The 'Parent Proxy Settings' section includes a checkbox for 'Parent Proxy Settings' (checked), a text field for 'Parent Proxy' containing 'jugendschutzfilter.net', a text field for 'Port' containing '3128', a checkbox for 'Enable Authentication' (checked), a text field for 'Username' containing 'Ihre Kennung xx_yy_zzzzzz_aaa', a text field for 'Password', a text field for 'Local Domains' containing 'OPNsense.localdomain', and a text field for 'Local IPs'. Below the 'Local Domains' and 'Local IPs' fields are 'Clear All' and 'Copy' buttons. An orange arrow points to the 'Apply' button at the bottom left.

4. Eintragen der aktuellen Zugangsdaten der Schule in den markierten Feldern und das „Apply“ nicht vergessen.

5. Aufklappen des Reiters „Forward Proxy“

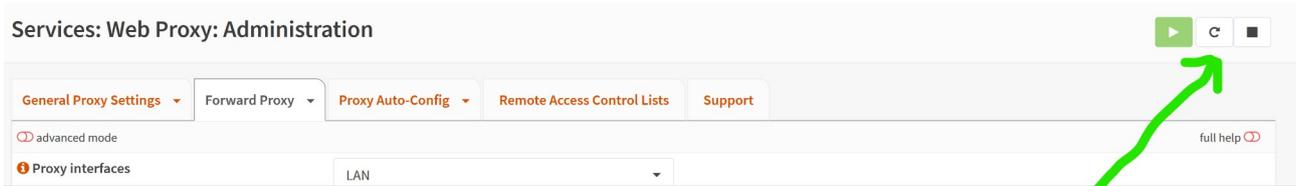


The screenshot shows the 'Forward Proxy' configuration page. At the top, there are three tabs: 'General Proxy Settings', 'Forward Proxy' (selected), and 'Proxy Auto-Config'. Below the tabs, there is a section for 'advanced mode' which is currently disabled. The main configuration area includes several fields and checkboxes:

- Proxy interfaces:** A text input field containing 'LAN'. Below it is a red 'Clear All' button.
- Proxy port:** A text input field containing '3128'.
- Enable Transparent HTTP proxy:** An unchecked checkbox.
- Enable SSL inspection:** An unchecked checkbox.
- Log SNI information only:** An unchecked checkbox.
- SSL Proxy port:** A text input field containing '3128'.
- CA to use:** A text input field containing 'Nothing selected'. Below it is a red 'Clear All' button.
- SSL no bump sites:** An empty text input field. Below it are red 'Clear All' and 'Copy' buttons.

At the bottom left of the configuration area, there is a prominent orange 'Apply' button, which is pointed to by a large red arrow.

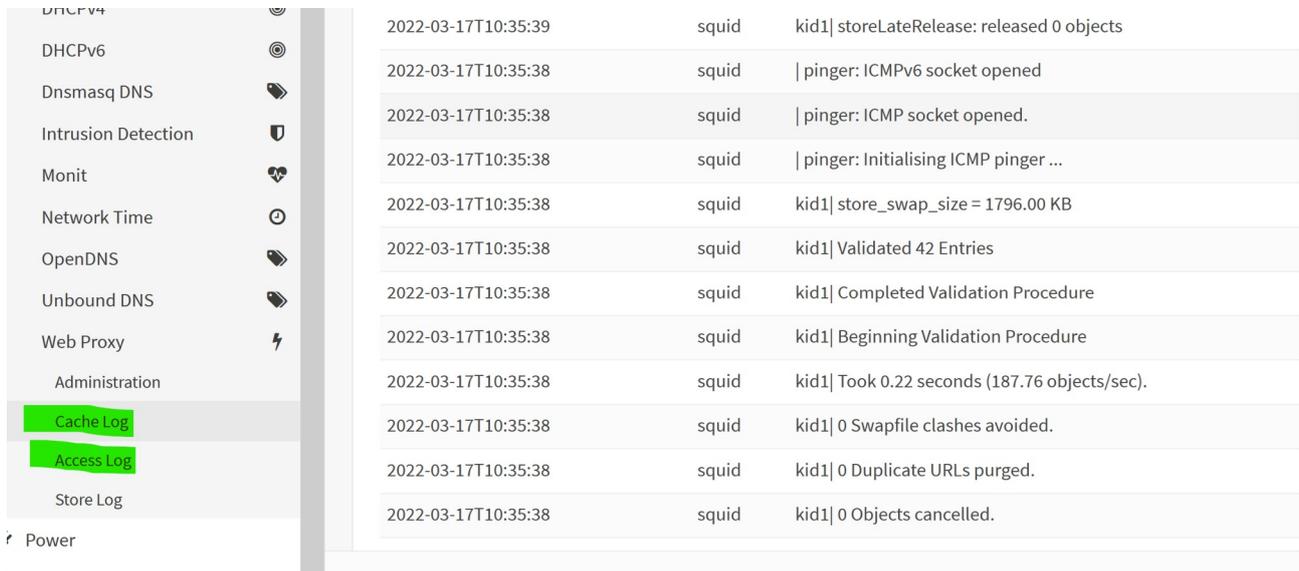
6. Damit ist die Konfiguration abgeschlossen und der Service kann (neu) gestartet werden.



7. Lokale Adresse des OPNsense-Servers und mit Port 3128 im Browser der Clients eintragen, z. B. über Gruppenrichtlinien zuweisen (Google Chrome verwendet die Proxy-Einstellungen des Systems; auch für Firefox gibt es Admin-Templates)

8. Testen des Systems

Fehler werden in den Logs protokolliert



9. Viel Erfolg