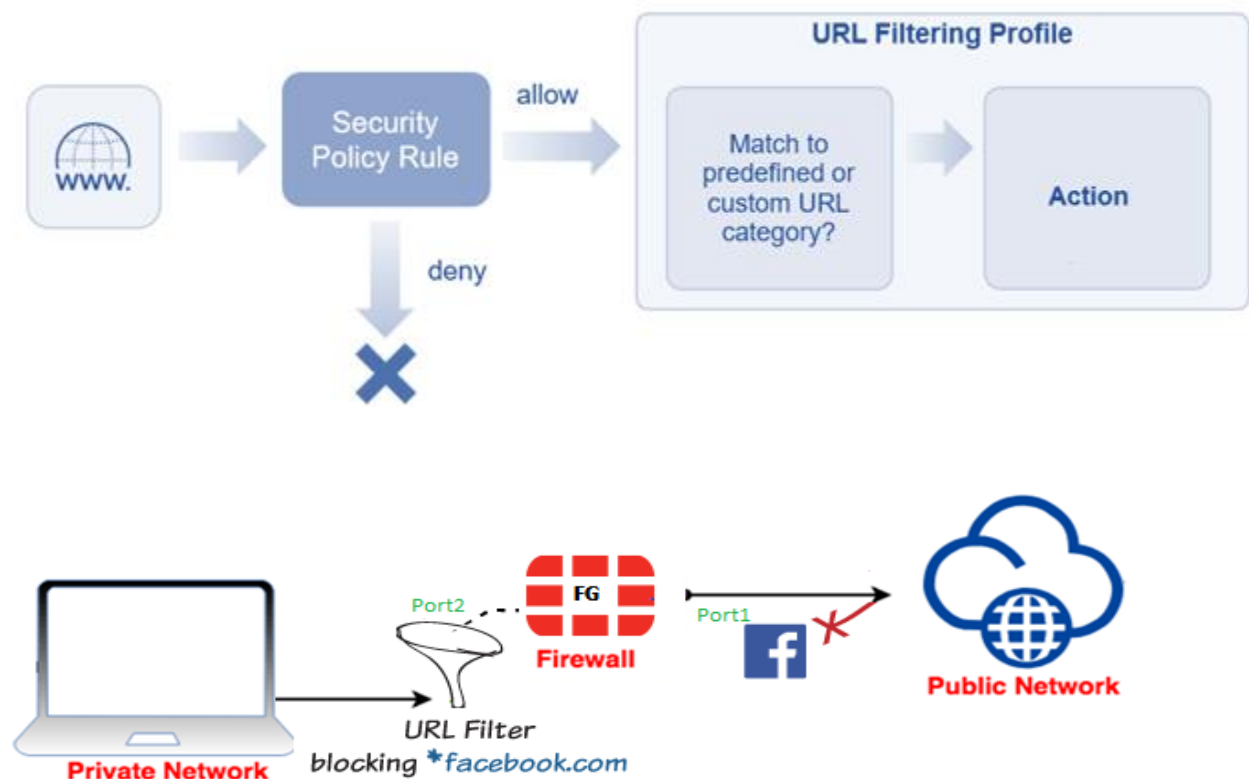


## Web Filter Profile:

- o Using the web filtering to block outbound communication to known malicious URLs.
- o Reduction of the risk of infection from dangerous websites and protection of users.
- o In FortiGate Firewall Web filtering classifies & controls web browsing based on content.
- o Web filtering automatically prevents the attacks that leverage web as an attack vector.
- o Including phishing links in emails, phishing sites, HTTP-based command and control.
- o Web Filtering prevents attacks includes malicious sites & pages that carry exploit kits.
- o Web Filtering with enables safe web access, protecting users from dangerous websites.
- o It restricts or controls user access to web resources & can be applied to firewall policies.
- o FortiOS includes three preloaded web filter profiles default, monitor-all and wifi-default.
- o Can customize these profiles, or you can create your own to manage network user access.
- o The custom profile can be created based on your company's internal security policies.
- o The Web filtering should be customized to meet the unique needs of your organization.
- o URL filter is called static URL filter by adding specific URLs with patterns containing text.
- o URL Filter (static URL Filter) by adding specific URLs pattern containing Regular expressions.
- o The FortiGate can allow, block, exempt & monitor web pages matching any specified URLs.
- o The FortiGate Unit Firewall also, patterns, and can display a replacement message instead.
- o Create URL filter using the GUI or CLI, after creating URL filter, attach it to web filter profile.



## FortiGuard Filter:

- o To use FortiGuard Filter service, you must have a valid subscription on your FortiGate.
- o FortiGuard filter enhances the web filter features supplied with your FortiGate unit.
- o By sorting billions of web pages into wide range of categories users can allow or block.
- o The FortiGuard Web Filtering service includes over 45 million individual website ratings.
- o The FortiGuard Web Filtering service, that apply to more than the two billion pages.
- o When the FortiGuard filter is enabled in a web filter and is applied to firewall policies.
- o if a request for a web page appears in traffic controlled by one of the firewall policies.
- o The FortiGuard Web Filtering service, the URL is sent to the nearest FortiGuard server.
- o The FortiGuard Web Filtering service, The URL category or rating is returned to users.
- o If category is blocked, FortiGate shows replacement message in place of requested page.
- o If the category is not blocked, the page request is sent to the requested URL as normal.

## Usage Quota:

- o Addition to using category and classification blocks and overrides to limit user access.
- o User access to URLs, can set daily quota by category, category group, or classification.
- o In FW usage Quotas allow access for a specified length of time or a specific bandwidth.
- o It is calculated separately for each user and Quotas are reset every day at midnight.
- o Usage Quotas can be set only for the actions of Monitor, Warning, or Authenticate.
- o When the quota is reached, the traffic is blocked, and the replacement page displays.
- o You can only use Usage quotas when FortiGate Unit Firewall inspection mode is **Proxy**.

The screenshot shows the 'Edit Web Filter Profile' configuration page. On the left is a navigation menu with 'Web Filter' selected. The main content area shows the following fields:

- Name: Custom\_WebFilter
- Comments: Default web filtering. (22/255 characters)
- Feature set: Flow-based and Proxy-based (Proxy-based is selected and highlighted in green, with a red arrow pointing to it)
- FortiGuard Category Based Filter:

The screenshot shows the 'Category Usage Quota' configuration page. On the left is a navigation menu with 'Web Filter' selected. The main content area shows the following elements:

- Category Usage Quota header with a red 'P' icon and an information icon.
- Buttons: + Create New, Edit, Delete
- Table with columns: Category (dropdown), Total quota (dropdown)