Linux and PF firewalls commands cheat sheet

Firewalld management (Red Hat based distributions)

Table 1. firewall-cmd commands

Command	Description
firewall-cmd --state	Show firewall daemon status
firewall-cmd --list-all	List currently active rules
firewall-cmd --reload	Reload firewall keeping the state table. Active sessions do not disconnect. On finishing reload will output `success`.
firewall-cmd --get-default-zone	Show the default zone for interfaces.
firewall-cmd --get-zones	List all available zones
firewall-cmd --get-active-zones	Show active zones, including to which zone each interface belongs.
firewall-cmd --list-all-zones	List all zones with their rules and associated interfaces.
firewall-cmd -add-service <service name>	Add predefined service by name to the default zone, with action ACCEPT, e.g. `firewall-cmd -add -service ftp`.

Ubuntu Uncomplicated Firewall (ufw)

Table 2. ufw management commands

Command	Description
ufw status	Show whether the firewall is on and if on, list the active rules.
ufw enable	Enable firewall.
ufw disable	Disable firewall
ufw reload	Reload firewall and rules.
ufw allow <predefined service name>	Allow some service in aany direction from/to any IP address using so called `simple` rule syntax. The service names are as per `/etc/services`. E.g. to allow ssh from any: `ufw allow ssh`.

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