

关闭防火墙 firewall-cmd

```
firewall-cmd --permanent --add-port=3306/tcp
firewall-cmd --reload
```

附firewall help信息：

```
[oracle@TsV5TestOgg dirrpt]$ firewall-cmd --help
```

Usage: firewall-cmd [OPTIONS...]

General Options

-h, --help	Prints a short help text and exists
-V, --version	Print the version string of firewalld
-q, --quiet	Do not print status messages

Status Options

--state	Return and print firewalld state
--reload	Reload firewall and keep state information
--complete-reload	Reload firewall and lose state information
--runtime-to-permanent	Create permanent from runtime configuration

Log Denied Options

--get-log-denied	Print the log denied value
--set-log-denied=<value>	Set log denied value
--get-ipset-types	Print the supported ipset types

Permanent Options

--permanent	Set an option permanently
	Usable for options marked with [P]

Zone Options

--get-default-zone	Print default zone for connections and interfaces
--set-default-zone=<zone>	Set default zone
--get-active-zones	Print currently active zones
--get-zones	Print predefined zones [P]
--get-services	Print predefined services [P]
--get-icmptypes	Print predefined icmptypes [P]
--get-zone-of-interface=<interface>	Print name of the zone the interface is bound to [P]
--get-zone-of-source=<source>[/<mask>] <MAC> ipset:<ipset>	Print name of the zone the source is bound to [P]
--list-all-zones	List everything added for or enabled in all zones [P]
--new-zone=<zone>	Add a new zone [P only]
--new-zone-from-file=<filename> [--name=<zone>]	Add a new zone from file with optional name [P only]
--delete-zone=<zone>	Delete an existing zone [P only]
--load-zone-defaults=<zone>	Load zone default settings [P only] [Z]
--zone=<zone>	Use this zone to set or query options, else default zone
	Usable for options marked with [Z]
--get-target	Get the zone target [P only] [Z]

```
--set-target=<target>
    Set the zone target [P only] [Z]

--info-zone=<zone>    Print information about a zone

--path-zone=<zone>    Print file path of a zone [P only]
```

IPSet Options

```
--get-ipset-types    Print the supported ipset types

--new-ipset=<ipset> --type=<ipset type> [--option=<key>[=<value>]]..
    Add a new ipset [P only]

--new-ipset-from-file=<filename> [--name=<ipset>]
    Add a new ipset from file with optional name [P only]

--delete-ipset=<ipset>
    Delete an existing ipset [P only]

--load-ipset-defaults=<ipset>
    Load ipset default settings [P only]

--info-ipset=<ipset> Print information about an ipset

--path-ipset=<ipset> Print file path of an ipset [P only]

--get-ipsets        Print predefined ipsets

--ipset=<ipset> --set-description=<description>
    Set new description to ipset [P only]

--ipset=<ipset> --get-description
    Print description for ipset [P only]

--ipset=<ipset> --set-short=<description>
    Set new short description to ipset [P only]

--ipset=<ipset> --get-short
    Print short description for ipset [P only]

--ipset=<ipset> --add-entry=<entry>
    Add a new entry to an ipset [P]

--ipset=<ipset> --remove-entry=<entry>
    Remove an entry from an ipset [P]

--ipset=<ipset> --query-entry=<entry>
    Return whether ipset has an entry [P]

--ipset=<ipset> --get-entries
    List entries of an ipset [P]

--ipset=<ipset> --add-entries-from-file=<entry>
    Add a new entries to an ipset [P]

--ipset=<ipset> --remove-entries-from-file=<entry>
    Remove entries from an ipset [P]
```

IcmpType Options

```
--new-icmp-type=<icmp-type>
    Add a new icmp-type [P only]

--new-icmp-type-from-file=<filename> [--name=<icmp-type>]
    Add a new icmp-type from file with optional name [P only]

--delete-icmp-type=<icmp-type>
    Delete an existing icmp-type [P only]

--load-icmp-type-defaults=<icmp-type>
    Load icmp-type default settings [P only]

--info-icmp-type=<icmp-type>
    Print information about an icmp-type

--path-icmp-type=<icmp-type>
    Print file path of an icmp-type [P only]

--icmp-type=<icmp-type> --set-description=<description>
    Set new description to icmp-type [P only]

--icmp-type=<icmp-type> --get-description
    Print description for icmp-type [P only]

--icmp-type=<icmp-type> --set-short=<description>
    Set new short description to icmp-type [P only]
```

```

--icmptype=<icmptype> --get-short
    Print short description for icmptype [P only]
--icmptype=<icmptype> --add-destination=<ipv>
    Enable destination for ipv in icmptype [P only]
--icmptype=<icmptype> --remove-destination=<ipv>
    Disable destination for ipv in icmptype [P only]
--icmptype=<icmptype> --query-destination=<ipv>
    Return whether destination ipv is enabled in icmptype [P only]
--icmptype=<icmptype> --get-destinations
    List destinations in icmptype [P only]

```

Service Options

```

--new-service=<service>
    Add a new service [P only]
--new-service-from-file=<filename> [--name=<service>]
    Add a new service from file with optional name [P only]
--delete-service=<service>
    Delete an existing service [P only]
--load-service-defaults=<service>
    Load icmptype default settings [P only]
--info-service=<service>
    Print information about a service
--path-service=<service>
    Print file path of a service [P only]
--service=<service> --set-description=<description>
    Set new description to service [P only]
--service=<service> --get-description
    Print description for service [P only]
--service=<service> --set-short=<description>
    Set new short description to service [P only]
--service=<service> --get-short
    Print short description for service [P only]
--service=<service> --add-port=<portid>[-<portid>]/<protocol>
    Add a new port to service [P only]
--service=<service> --remove-port=<portid>[-<portid>]/<protocol>
    Remove a port from service [P only]
--service=<service> --query-port=<portid>[-<portid>]/<protocol>
    Return whether the port has been added for service [P only]
--service=<service> --get-ports
    List ports of service [P only]
--service=<service> --add-protocol=<protocol>
    Add a new protocol to service [P only]
--service=<service> --remove-protocol=<protocol>
    Remove a protocol from service [P only]
--service=<service> --query-protocol=<protocol>
    Return whether the protocol has been added for service [P only]
--service=<service> --get-protocols
    List protocols of service [P only]
--service=<service> --add-source-port=<portid>[-<portid>]/<protocol>
    Add a new source port to service [P only]
--service=<service> --remove-source-port=<portid>[-<portid>]/<protocol>
    Remove a source port from service [P only]
--service=<service> --query-source-port=<portid>[-<portid>]/<protocol>
    Return whether the source port has been added for service [P only]
--service=<service> --get-source-ports
    List source ports of service [P only]
--service=<service> --add-module=<module>
    Add a new module to service [P only]

```

```

--service=<service> --remove-module=<module>
    Remove a module from service [P only]
--service=<service> --query-module=<module>
    Return whether the module has been added for service [P only]
--service=<service> --get-modules
    List modules of service [P only]
--service=<service> --set-destination=<ipv>:<address>[/<mask>]
    Set destination for ipv to address in service [P only]
--service=<service> --remove-destination=<ipv>
    Disable destination for ipv i service [P only]
--service=<service> --query-destination=<ipv>:<address>[/<mask>]
    Return whether destination ipv is set for service [P only]
--service=<service> --get-destinations
    List destinations in service [P only]

```

Options to Adapt and Query Zones

```

--list-all          List everything added for or enabled in a zone [P] [Z]
--list-services      List services added for a zone [P] [Z]
--timeout=<timeval>  Enable an option for timeval time, where timeval is
                    a number followed by one of letters 's' or 'm' or 'h'
                    Usable for options marked with [T]
--set-description=<description>
    Set new description to zone [P only] [Z]
--get-description    Print description for zone [P only] [Z]
--set-short=<description>
    Set new short description to zone [P only] [Z]
--get-short          Print short description for zone [P only] [Z]
--add-service=<service>
    Add a service for a zone [P] [Z] [T]
--remove-service=<service>
    Remove a service from a zone [P] [Z]
--query-service=<service>
    Return whether service has been added for a zone [P] [Z]
--list-ports         List ports added for a zone [P] [Z]
--add-port=<portid>[-<portid>]/<protocol>
    Add the port for a zone [P] [Z] [T]
--remove-port=<portid>[-<portid>]/<protocol>
    Remove the port from a zone [P] [Z]
--query-port=<portid>[-<portid>]/<protocol>
    Return whether the port has been added for zone [P] [Z]
--list-protocols     List protocols added for a zone [P] [Z]
--add-protocol=<protocol>
    Add the protocol for a zone [P] [Z] [T]
--remove-protocol=<protocol>
    Remove the protocol from a zone [P] [Z]
--query-protocol=<protocol>
    Return whether the protocol has been added for zone [P] [Z]
--list-source-ports  List source ports added for a zone [P] [Z]
--add-source-port=<portid>[-<portid>]/<protocol>
    Add the source port for a zone [P] [Z] [T]
--remove-source-port=<portid>[-<portid>]/<protocol>
    Remove the source port from a zone [P] [Z]
--query-source-port=<portid>[-<portid>]/<protocol>
    Return whether the source port has been added for zone [P] [Z]
--list-icmp-blocks   List Internet ICMP type blocks added for a zone [P] [Z]
--add-icmp-block=<icmptype>
    Add an ICMP block for a zone [P] [Z] [T]
--remove-icmp-block=<icmptype>

```

```

        Remove the ICMP block from a zone [P] [Z]
--query-icmp-block=<icmptype>
        Return whether an ICMP block has been added for a zone
        [P] [Z]
--add-icmp-block-inversion
        Enable inversion of icmp blocks for a zone [P] [Z]
--remove-icmp-block-inversion
        Disable inversion of icmp blocks for a zone [P] [Z]
--query-icmp-block-inversion
        Return whether inversion of icmp blocks has been enabled
        for a zone [P] [Z]
--list-forward-ports List IPv4 forward ports added for a zone [P] [Z]
--add-forward-port=port=<portid>[-<portid>]:proto=<protocol>[:toport=<portid>[-<portid>]][:toaddr=<address>[/<mask>]]
        Add the IPv4 forward port for a zone [P] [Z] [T]
--remove-forward-port=port=<portid>[-<portid>]:proto=<protocol>[:toport=<portid>[-<portid>]][:toaddr=<address>[/<mask>]]
        Remove the IPv4 forward port from a zone [P] [Z]
--query-forward-port=port=<portid>[-<portid>]:proto=<protocol>[:toport=<portid>[-<portid>]][:toaddr=<address>[/<mask>]]
        Return whether the IPv4 forward port has been added for
        a zone [P] [Z]
--add-masquerade Enable IPv4 masquerade for a zone [P] [Z] [T]
--remove-masquerade Disable IPv4 masquerade for a zone [P] [Z]
--query-masquerade Return whether IPv4 masquerading has been enabled for a
        zone [P] [Z]
--list-rich-rules List rich language rules added for a zone [P] [Z]
--add-rich-rule=<rule>
        Add rich language rule 'rule' for a zone [P] [Z] [T]
--remove-rich-rule=<rule>
        Remove rich language rule 'rule' from a zone [P] [Z]
--query-rich-rule=<rule>
        Return whether a rich language rule 'rule' has been
        added for a zone [P] [Z]

```

Options to Handle Bindings of Interfaces

```

--list-interfaces List interfaces that are bound to a zone [P] [Z]
--add-interface=<interface>
        Bind the <interface> to a zone [P] [Z]
--change-interface=<interface>
        Change zone the <interface> is bound to [Z]
--query-interface=<interface>
        Query whether <interface> is bound to a zone [P] [Z]
--remove-interface=<interface>
        Remove binding of <interface> from a zone [P] [Z]

```

Options to Handle Bindings of Sources

```

--list-sources List sources that are bound to a zone [P] [Z]
--add-source=<source>[/<mask>]|<MAC>|ipset:<ipset>
        Bind the source to a zone [P] [Z]
--change-source=<source>[/<mask>]|<MAC>|ipset:<ipset>
        Change zone the source is bound to [Z]
--query-source=<source>[/<mask>]|<MAC>|ipset:<ipset>
        Query whether the source is bound to a zone [P] [Z]
--remove-source=<source>[/<mask>]|<MAC>|ipset:<ipset>
        Remove binding of the source from a zone [P] [Z]

```

Direct Options

```

--direct First option for all direct options
--get-all-chains
        Get all chains [P]

```

```

--get-chains {ipv4|ipv6|eb} <table>
    Get all chains added to the table [P]
--add-chain {ipv4|ipv6|eb} <table> <chain>
    Add a new chain to the table [P]
--remove-chain {ipv4|ipv6|eb} <table> <chain>
    Remove the chain from the table [P]
--query-chain {ipv4|ipv6|eb} <table> <chain>
    Return whether the chain has been added to the table [P]
--get-all-rules
    Get all rules [P]
--get-rules {ipv4|ipv6|eb} <table> <chain>
    Get all rules added to chain in table [P]
--add-rule {ipv4|ipv6|eb} <table> <chain> <priority> <arg>...
    Add rule to chain in table [P]
--remove-rule {ipv4|ipv6|eb} <table> <chain> <priority> <arg>...
    Remove rule with priority from chain in table [P]
--remove-rules {ipv4|ipv6|eb} <table> <chain>
    Remove rules from chain in table [P]
--query-rule {ipv4|ipv6|eb} <table> <chain> <priority> <arg>...
    Return whether a rule with priority has been added to
    chain in table [P]
--passthrough {ipv4|ipv6|eb} <arg>...
    Pass a command through (untracked by firewallld)
--get-all-passthroughs
    Get all tracked passthrough rules [P]
--get-passthroughs {ipv4|ipv6|eb} <arg>...
    Get tracked passthrough rules [P]
--add-passthrough {ipv4|ipv6|eb} <arg>...
    Add a new tracked passthrough rule [P]
--remove-passthrough {ipv4|ipv6|eb} <arg>...
    Remove a tracked passthrough rule [P]
--query-passthrough {ipv4|ipv6|eb} <arg>...
    Return whether the tracked passthrough rule has been
    added [P]

```

Lockdown Options

```

--lockdown-on      Enable lockdown.
--lockdown-off     Disable lockdown.
--query-lockdown   Query whether lockdown is enabled

```

Lockdown Whitelist Options

```

--list-lockdown-whitelist-commands
    List all command lines that are on the whitelist [P]
--add-lockdown-whitelist-command=<command>
    Add the command to the whitelist [P]
--remove-lockdown-whitelist-command=<command>
    Remove the command from the whitelist [P]
--query-lockdown-whitelist-command=<command>
    Query whether the command is on the whitelist [P]
--list-lockdown-whitelist-contexts
    List all contexts that are on the whitelist [P]
--add-lockdown-whitelist-context=<context>
    Add the context context to the whitelist [P]
--remove-lockdown-whitelist-context=<context>
    Remove the context from the whitelist [P]
--query-lockdown-whitelist-context=<context>
    Query whether the context is on the whitelist [P]
--list-lockdown-whitelist-uids

```

```

        List all user ids that are on the whitelist [P]
--add-lockdown-whitelist-uid=<uid>
        Add the user id uid to the whitelist [P]
--remove-lockdown-whitelist-uid=<uid>
        Remove the user id uid from the whitelist [P]
--query-lockdown-whitelist-uid=<uid>
        Query whether the user id uid is on the whitelist [P]
--list-lockdown-whitelist-users
        List all user names that are on the whitelist [P]
--add-lockdown-whitelist-user=<user>
        Add the user name user to the whitelist [P]
--remove-lockdown-whitelist-user=<user>
        Remove the user name user from the whitelist [P]
--query-lockdown-whitelist-user=<user>
        Query whether the user name user is on the whitelist [P]

```

Panic Options

```

--panic-on          Enable panic mode
--panic-off         Disable panic mode
--query-panic       Query whether panic mode is enabled

```

```
[oracle@TsV5TestOgg dirrpt]$
```