

# 5.5 – IP filter (iptables)

You can set up IP filters for SparkView.

First, save you ip filters into a JSON file. Here is the format of the IP filter configuration file:

```
{
  "zoneRules": {
    "HTTP_API": {
      "allow": true,
      "ranges": [
        {
          "from": "192.168.12.100",
          "to": "192.168.12.200"
        },
        {
          "from": "169.254.84.132"
        }
      ]
    },
    "TCP": {
      "allow": true,
      "ranges": [
        {
          "from": "192.168.12.100",
          "to": "192.168.12.200"
        },
        {
          "from": "192.168.12.10",
          "to": "192.168.12.20"
        },
        {
          "from": "169.254.84.132"
        }
      ]
    }
  }
}
```

```
}
```

Then, you need to specify the location of this file in gateway.conf:

```
iptables=C:\\workspace\\data\\iptables.json
```

There are 3 zones available in SparkView:

- "TCP" is used to control TCP connections
- "HTTP\_API" is used to control the HTTP API usage
- "CONFIG" is used to control the config.html

Rules for accessing config.html:

1. Always accessible from the localhost
2. Accessible from anywhere if `remoteManage=true` in gateway.conf and correct password is provided
3. Accessible if `remoteManage=false` and source IP is allowed in iptables

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