

IP Filtering for access to OPS-COM

An IP address is an address used in order to **uniquely identify a device on an IP network**. To get your IP address visit whatismyip.net.

The address is typically made up of four groups of numbers called octets.

The **first two octets** identify the network you are on and the **last two octets** narrow the address down to the specific machine.

Here is how it works:

If, for example, the IP address of your specific computer is **10.32.1.144**, you can restrict access to just that single computer by entering the full IP address in the **Allowed IP Addresses** field.

By entering the first two octets only, it will open up access to any computer on that network but still restrict computers on any other network from having access.

You can further open up access by placing a single dot in the **Allowed IP Address** field. This allows the user with this configuration to log in from any network.

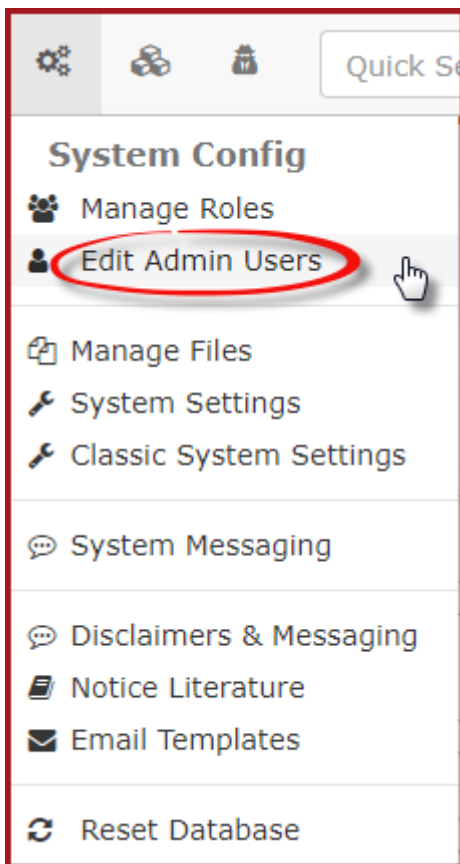
How does this translate in terms of access to OPS-COM?

The IP configuration of **Allowable IP Addresses** can be modified for any user in the system and is stored within the admin users profile.

The resulting restrictions or open access to the OPS-COM system is controlled by this configuration and is specific to the user in question.

Here is how you would configure the **Allowed IP Addresses** in OPS-COM.

Hover over the **System Config** menu and click on **Edit Admin Users**.



Once in the **Manage Administrator Users** window, select the user you wish to edit.

Manage Administrators

					Create New Admin
Username	Display Name	Roles			
admin	Administrator	Primary Admin	Administrator Highest Front Line		Activity
andrew.vancampen.tomahawk	Andrew	Tomahawk			Activity
Appeals1	Appeals Officer 1	Appeals Officer			Activity
baljeet	Baljeet Singh	Primary Admin	Administrator Highest Front Line		Activity
BasicAdmin	Basic Admin	Patrol Officer	Financial Admin	Parking Manager Admin	Dispatcher
		Parking Validation Utility	Parking Validation Manager		
bradley.tomahawk	Bradley @ Tomahawk	Tomahawk			Activity
brian	Brian Rickert	Primary Admin			Activity
brian.tomahawk	Brian @ Tomahawk	Tomahawk			Activity
counteradmin	Counter Admin	Appeals Officer	Counter Admin	Parking Manager Admin	Activity
Dispatcher Bill	Bill the Dispatcher	Financial Admin	Dispatcher	Incident Officer	Activity
HR_Incidents	HR Test	Incident Manager Admin	Incident Officer		Activity
Incident Patrol	Incident Patrol Officer	Appeals Officer	Incident Officer		Activity

Here is the location of the IP configuration field.

Create New Administrator

[Back](#)

Login Activity

Login As Admin

☐ Activate this account and allow system login

Username

apowers

Password

Setting the password will require the admin to update their password again upon their next login.

Passwords are case sensitive.

Email

apowers@ops-co.com

Display Name

Admin Groups

Cadre No.

Task Group

Redirect To

Allowed IPs

one per line

Lookback hours for dispatch

Blank allows this user to search all logs

Active Roles

☐ Primary Admin

Primary Admins always have access to manage other roles.

☐ Tomahawk

Tomahawk users are hidden from clients

☐ Administrator Highest Front Line

Administrators are the highest role under Owners. but may not have all the permissions

☒ Appeals Officer

Manage Appeals, granting, Upholding or Canceling tickets

☒ Counter Admin

Front facing Admin, customer contact, accepts payments and hands out permits

☐ Dispatcher

Dispatcher enters dispatches and can assign to an Incident

☐ Financial Admin

Ability to manage payments, refunds and all reporting

☐ Incident Manager Admin

Manages all aspects of Incidents that are not available to other Incident Admins

☐ Incident Officer

An Officer that is general purpose beyond Parking enforcement

☐ Locker Admin

Manages all aspects of lockers

☐ Parking Manager Admin

Ability to set up lots, allocations and pricing

☐ Parking Validation Manager

Validate plates and includes reporting

☐ Parking Validation Utility

Allows Parking Validation

☐ Patrol Officer

Issues Parking Violations and Citations

☐ Test Role

Testing functionality

The level of access given to a specific user is usually role based and proportionate to their level of seniority or function within their specific organization.

Managers and directors for example, might require access from anywhere in the world essentially so they would have the single **dot** as the allowed IP Address, meaning they could literally log in from any network location internal or external to their specific network.

(This admin could log on from an internet cafe for example) Note: In some cases networks might be locked down or behind a firewall. Additional configuration on the part of your IT department may be required.

Allowed IPs ?
one per line

. A single period matches all IP's

123.45 An IP prefix matches a WAN network

123.45.67.89 A full IP matches a WAN address

123.* Wildcards do not work

mydomain.com Domain names do not work

Regular office workers on the other hand, would only require access from their specific network. By entering the two first octets, they could in that case log in to OPS-COM from any computer in their local office provided that computer was on the same network. In our example: 10.32

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one per line

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A part time employee or student worker may only use one specific computer to access OPS-COM, so again here is where you would specify the full IP address to control access. In our example 10.32.1.144

Allowed IPs ?
one per line

. A single period matches all IP's

123.45 An IP prefix matches a WAN network

123.45.67.89 A full IP matches a WAN address

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It is even possible to configure a user for access from more than one computer, but still restricted

to specific computers. To configure this access you must enter the entire IP address of the two or more computers. For example 10.32.1.144 and 10.32.1.154 could be two computers in an office setting. The two entries can be placed in the Allowed IP Address field listed on two separate lines as follows:

Allowed IPs ?
one per line

10.32.1.144
10.32.1.154

. A single period matches all IP's

123.45 An IP prefix matches a WAN network

123.45.67.89 A full IP matches a WAN address

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It is also possible to allow access for an admin from two separate local area networks. For example: you may have a situation where an employee is working out of two locations on a campus, or in a municipal organization.

One building may be on the 10.32 network, while the other building or campus is on another. In that case you can configure the allowed IP addresses accordingly.

Allowed IPs ?
one per line

10.32.
10.34.

. A single period matches all IP's

123.45 An IP prefix matches a WAN network

123.45.67.89 A full IP matches a WAN address

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How To Find Your IP

You can view your IP address by searching for it in Google. Simply type in the search bar "What is My IP"



What is my IP

Google Search

I'm Feeling Lucky

Google offered in: [Français](#)

The returned result will display your IP address as follows:

The screenshot shows a Google search for "What is my IP". The search bar at the top contains the text "What is my IP". Below the search bar, the results are displayed. The first result is a box containing the IP address "192.168.188.222" and the text "Your public IP address". Below this box is a link "Learn more about IP addresses" with a right arrow icon. At the bottom right of the box is a "Feedback" link. Below the box, there are two search results. The first result is titled "What Is My IP? Shows your real IP - IPv4 - IPv6 - WhatIsMyIP.com®" and includes the URL "https://www.whatismyip.com/". The second result is titled "What Is My IP Address - See Your Public Address - IPv4 & IPv6" and includes the URL "https://whatismyipaddress.com/".

To recap: The Basic Rules

Good:

- . A single period to match all IP's

10.32 - A partial IP to match a specific network

10.32.1.144 - A full IP to match a specific computer

Bad:

10.* Wildcards like this will not work

ops-com.com **Domain names** will not work

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