



IP Monitor User Guide

THORROLD

FOX

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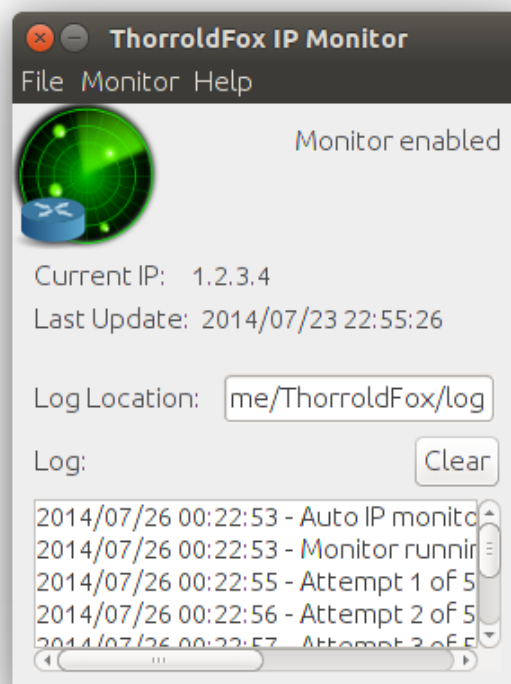
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2 Introduction



ThoroldFox IP Monitor is a free, easy to use tool that allows you to perform a specific task when your Internet IP address changes.

IP Monitor can be used for a wide range of tasks such as updating dynamic web hosting services, keeping your IP synchronised with a domain name.



See a brief overview of the features below:

Feature	Description
Automatic IP change detection	IP Monitor will automatically detect changes to your Internet IP address
Logging	All detection events are logged to a file for update history
Email notifications	Email alerts can be sent when IP detection events occur
Ability to run executables or scripts when change events are detected	Executables or scripts (e.g. Perl) can be executed when change events occur.



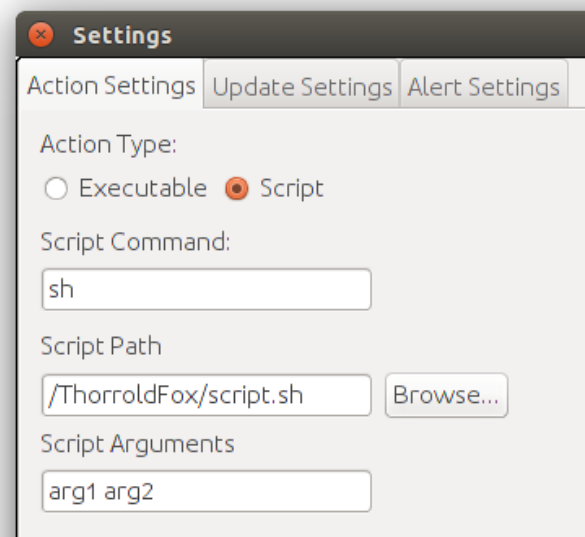
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Configuring an Action

An action is the program or script that will be executed when an IP change event is detected (when your Internet IP address changes). This can range from a Windows executable (.exe) to a Linux shell script (.sh). Actions are configured on the 'Action Settings' tab.

To configure, first you must select the type of action (script or executable), then select the executable/script file to execute in the Settings window. Click the 'Browse...' button to select the executable or script to run.



If a particular program or runtime is required to run the selected script, specify this in the 'Script Command' text box. For example, to execute a shell script enter: sh

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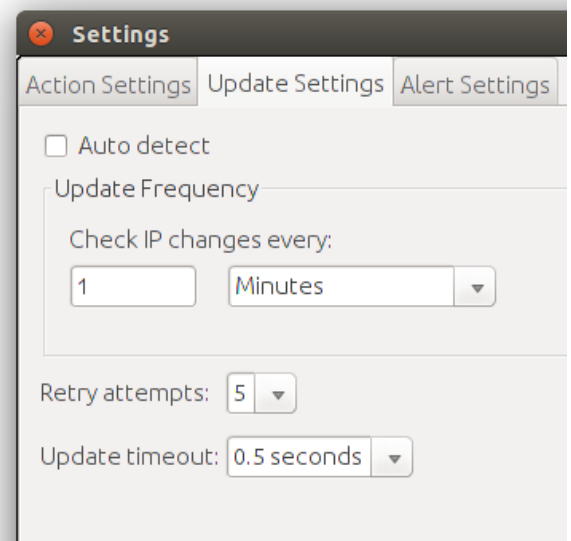


Specifying an Update Interval, Timeout and Retry Attempts

IP Monitor can be configured to check for IP changes at a set interval, or to automatically detect changes. This is configured on the application's settings screen on the 'Update Settings' tab.

You can specify the number of minutes, hours or days between each check interval.

To let IP Monitor automatically detect changes in Internet IP, enable the 'Auto detect' option. This will override and disable any custom intervals you have entered.



The remaining settings are described below:

Setting	Description
Retry Attempts	The number of times IP Monitor will retry to obtain an IP address
Update Timeout	Length of time IP Monitor will wait for an IP address from the remote server



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Configuring Email Alerts

Email alerts can be sent when IP change events are detected or when errors retrieving the current Internet IP address occur.

To configure this, you must enable It on the 'Alert Settings' tab shown:

Once enabled, mail server settings can be entered:

Settings

Action Settings | Update Settings | **Alert Settings**

☒ Enabled

Alert Server Settings

Server IP: 1.2.3.4

Server Port: 25

From Email: rt@thoroldfox.com

To Email: example@inbox.com

Setting	Description
Server IP	IP address of the mail server
Server Port	Mail server port number. E.g. port 25 for SMTP
From Email	The email address the alerts will be from
To Email	The email address the alerts will be sent to

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Configuring Email Alerts – Authentication

If the mail server supports it, IP Monitor can be configured to use plain text, SSL or TLS authentication when sending alert emails.

To configure this, you must enable it on the 'Alert Settings' tab, select your authentication type and enter your authentication credentials.

The screenshot shows the 'Alert Settings' tab in the IP Monitor interface. It features a checkbox labeled 'Email server requires authentication' which is checked. Below this is a dropdown menu currently set to 'Plain text'. Further down are two input fields: 'Username:' containing 'support@thoroldfox.com' and 'Password:' containing a masked password '*****'.

NOTE:

Plain text authentication sends your username and password as plain text (unencrypted). It would be possible for the login details to be intercepted by a remote user.



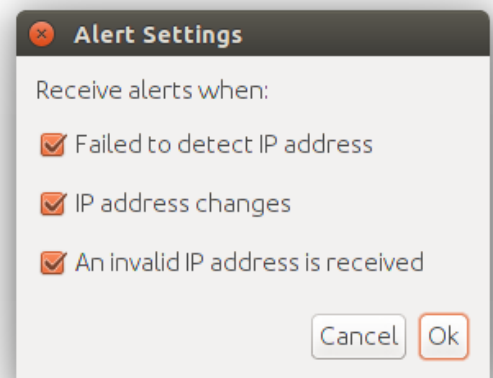
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Configuring Email Alerts – Choosing Alert Types

There are three different email alert types IP Monitor will send. These can be enabled or disabled so that you only receive particular alerts (e.g. to receive only IP change alerts).

To configure this, click the 'Alert Types' button on the 'Alert Settings' screen. An 'Alert Settings' window will then show listing the alert types you can select:



See below for a description of each alert type:

Alert Type	Description
Failed to detect IP address	Alerts sent when IP Monitor fails to determine the IP address
IP address changes	Alerts sent when IP Monitor detects a change in IP address
An invalid IP address is received	Alerts sent when IP Monitor receives an invalid IP address from the remote server

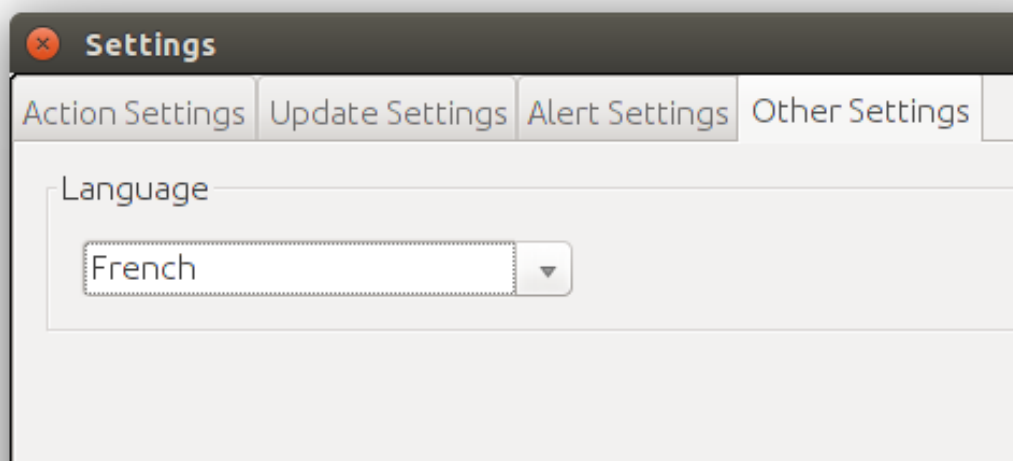
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Language Selection

IP Monitor is available in many different languages.

To change the language, select the desired option on the 'Other Settings' tab on the Settings screen:





For further help, contact support at: support@thoroldfox.com

