

## GYTPOL Validator

### Client installation

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**Date: 28<sup>th</sup> February 2023**

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## Contents

Introduction	4
Supported Operating Systems	4
Windows OS	5
Pre-Installation	5
Installation	5
Post-Installation	6
Uninstalling	8
Linux	9
Pre-Installation	9
Installation	9
Post-Installation	9
Uninstalling	11
macOS	12
Pre-Installation:	12
Installation:	12
Post-Installation:	12
Uninstalling	14

## Introduction

The purpose of this document is to provide instructions how to install the GYTPOL Validator client on various OS (Windows, Linux and macOS).

## Supported Operating Systems

### **Microsoft:**

Endpoints: Windows 7 (x32/x64) and later

Servers: Windows Server 2008 and later

### **Linux:**

Ubuntu 16 and later

RHEL 7 and later

Centos 7 and later

Rocky 9 and later

SUSE 12 and later

### **macOS:**

Catalina 10.15 (x64) and later

## Windows OS

### Pre-Installation

#### Ports to open:

GYTPOL Client to GYTPOL server on-Prem - port 9093

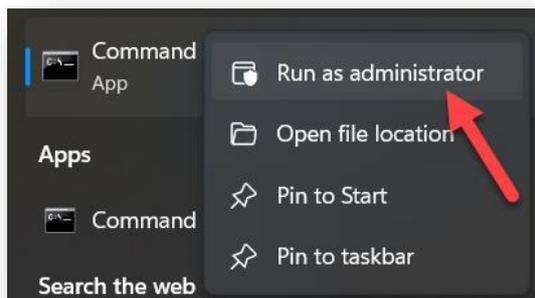
GYTPOL Client to GYTPOL SaaS - port 443

#### Does the Endpoint need to be a member of the domain?

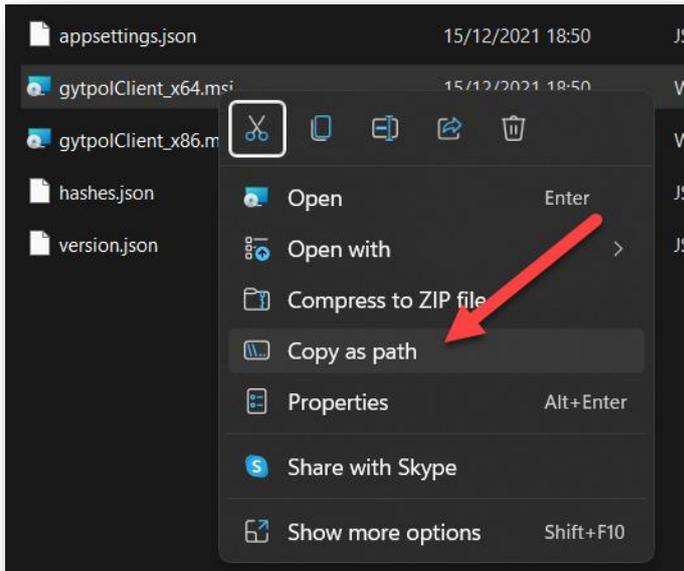
No

### Installation

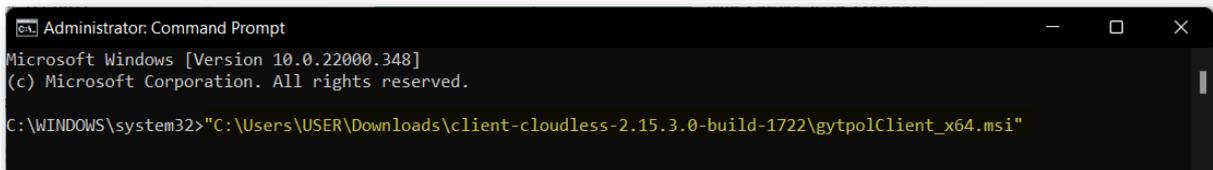
Open **elevated CMD** (r. click on CMD > Run as Administrator).



Once opened, please go to the MSI file you wish to install > hold L. Shift > r. click it > click "**Copy as Path**".



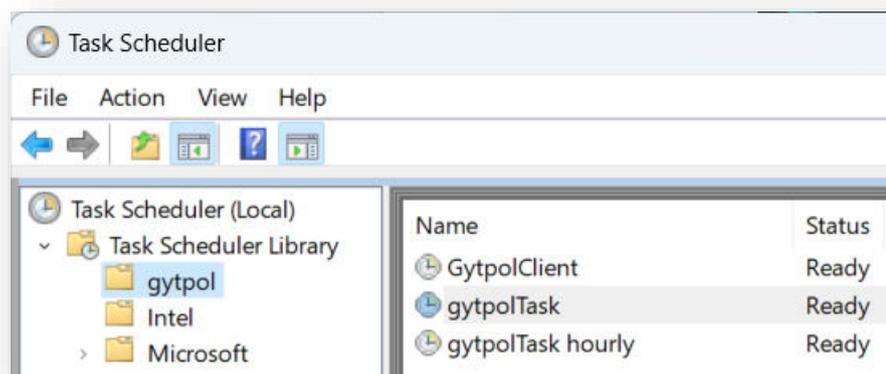
Go to the elevated CMD you opened in step 1 and paste the path into the CMD window > **Enter**.



Once finished, the progress window will be disappeared.

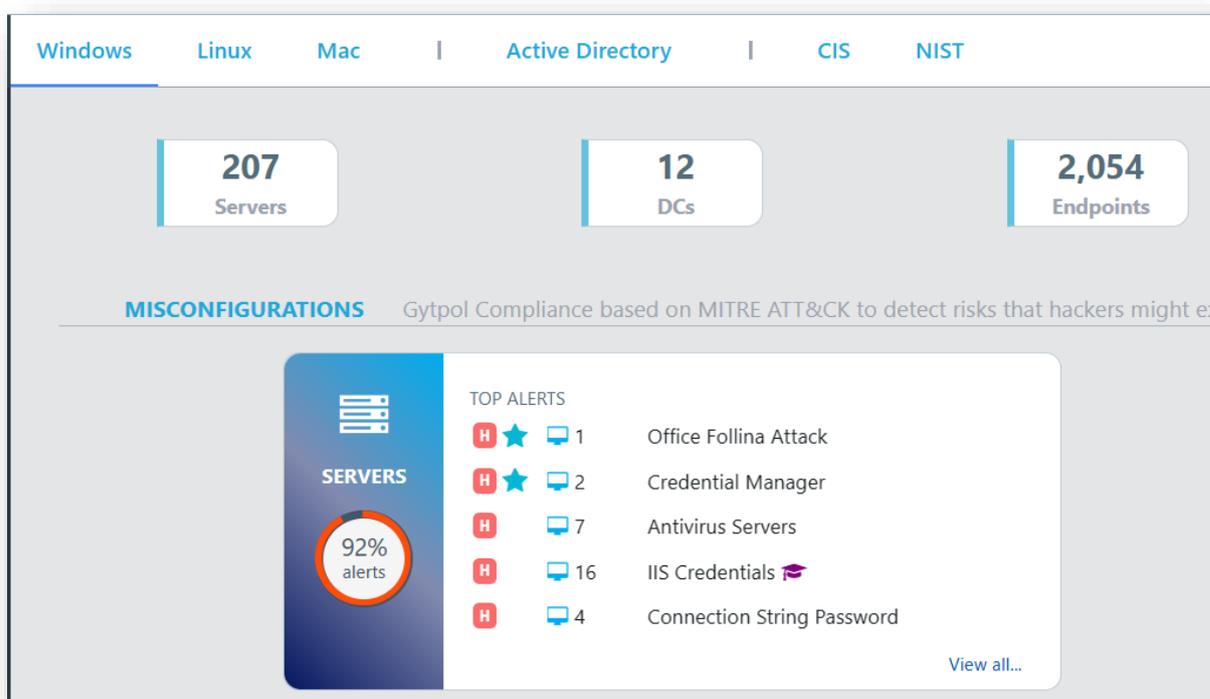
## Post-Installation

To check if the client was successfully installed, please open Task Scheduler as Administrator and check for **gytpol** folder under the main Library. Expand it and you should see 3 tasks as shown in the example below:



## Where will I see the scanned machine?

Under 'Windows' tab in the GYTPOL UI:



## Where is the installation path?

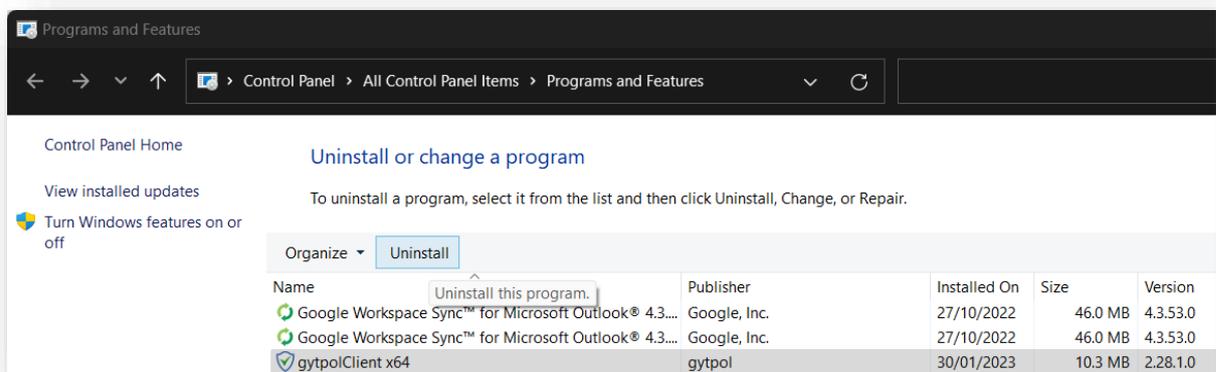
C:\Program Files\WindowsPowerShell\Modules\gytpol

## Where are the logs?

C:\Program Files\WindowsPowerShell\Modules\gytpol\log

## Uninstalling

Please remove the gytpolClient from Program and Features > Uninstall



## Linux

### Pre-Installation

#### Ports to open:

GYTPOL Client to GYTPOL server on-Prem - port 9093

GYTPOL Client to GYTPOL SaaS - port 443

#### Does the Endpoint need to be a member of the domain?

No

### Installation

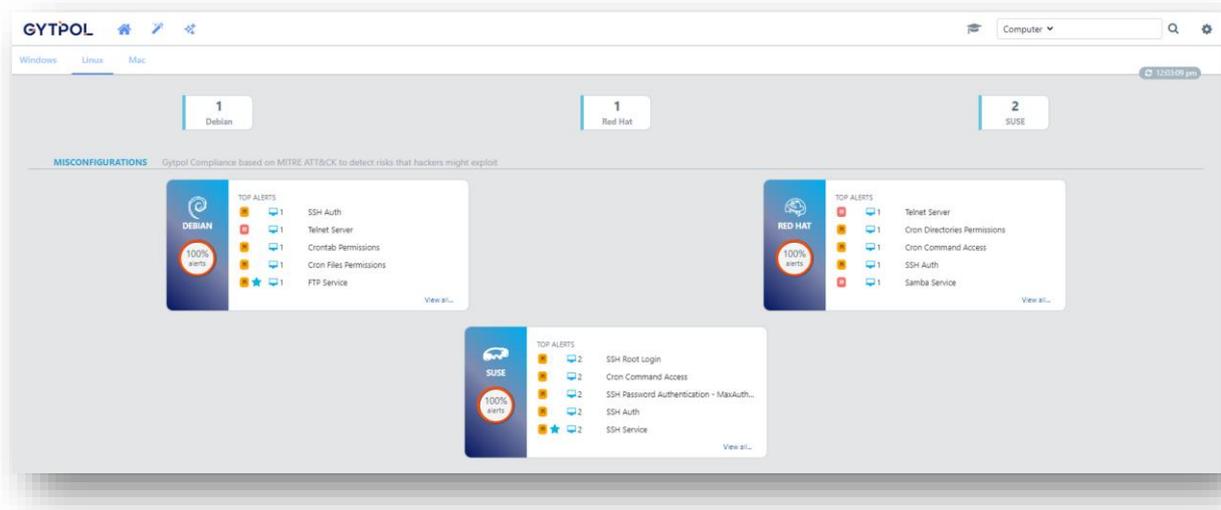
#### Command to run:

- Debian: `sudo dpkg -i <gytpol-client-path>`
- Redhat: `sudo rpm -ivh <gytpol-client-path>`

### Post-Installation

#### Where will I see the scanned machine?

Under 'Linux' tab in the GYTPOL UI:



## How do I see and change the service status?

```
systemctl stop/start/status gytpol-client
```

## Where is the installation path?

```
/opt/gytpol
```

## Where are the logs?

```
/opt/gytpol/logs
```

## Where are the configuration folder?

"config.json " for client's configuration to a dedicated server

"metrics.json" for metrics configuration.

## config.json

This file contains client's configuration:

```
{  
  "HttpVerifyCert" : false,  
  "HttpTimeout" : 10000000000,  
  "ServerAddress" : "_gytpol",  
  "ArchiveFolderPath" : "archive"  
}
```

## Fields explanations:

HttpVerifyCert - Indicate whether to validate the server's certificate when using HTTP requests.

HttpTimeout - Determine the timeout (in Nano Seconds) for HTTP requests.

ServerAddress - The address of the GYTPOL server.

ArchiveFolderPath - Folder (relative to /opt/gytpol) in which reports are being saved to before sending them to the server.

## Uninstalling

### Commands to run:

**Debian:** `sudo dpkg --remove gytpol-client`

\* Use the “--purge” instead of “--remove” to also delete the logs, archive etc.

**Redhat:** `sudo rpm -e gytpol-client`

Both rpm & dpkg commands that are listed above may delete some configuration files related to Gytpol.

Deleting files that may lead to loss is at your own risk, please make sure that nothing important is being removed before deleting!

It's always a good idea to take a backup of important data before making any changes to the system.

## macOS

### Pre-Installation:

#### Ports to open:

GYTPOL Client to GYTPOL server on-Prem - port 9093

GYTPOL Client to GYTPOL SaaS - port 443

#### Does the Endpoint need to be a member of the domain?

No

### Installation:

#### Command to run:

```
sudo /usr/sbin/installer -target /opt/gytpol -pkg <pkg_path>
```

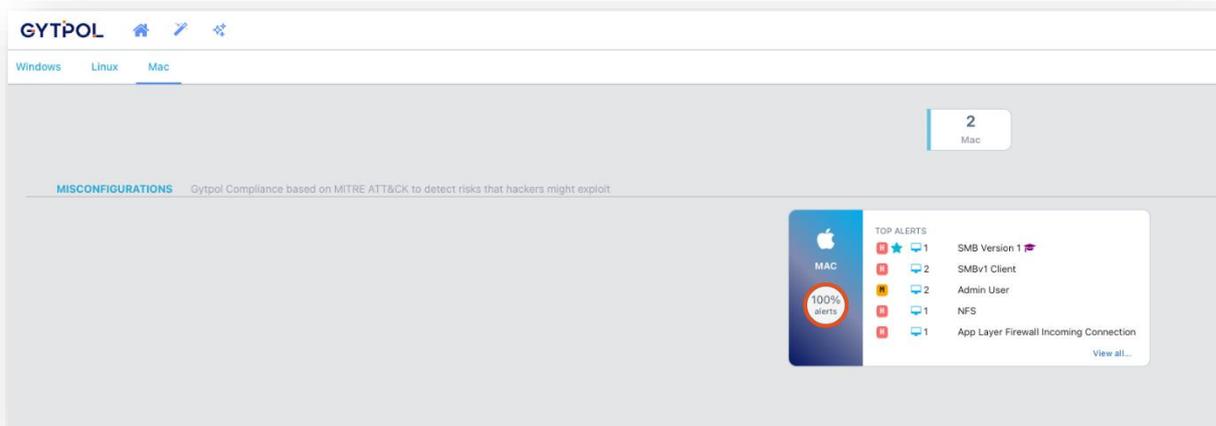
#### example:

```
sudo /usr/sbin/installer -target /opt/gytpol -pkg ~/Downloads/gytpol-client-0.5.1.0-0_arm64.pkg
```

### Post-Installation

#### Where will I see the scanned machine?

Under 'Mac' tab in the GYTPOL UI:



## How do I see and change the service status?

```
sudo launchctl stop/start/list com.gytpol.gytmac
```

/opt/gytpol/config/config.json (you may need to create the 'config' folder and the config.json file). See the file example below.

## Where is the installation path?

/opt/gytpol

## Where are the logs?

/opt/gytpol/logs

## Where are the configuration folder?

"config.json " for client's configuration to a dedicated server

"metrics.json" for metrics configuration.

## config.json

This file contains client's configuration:

```
{  
  "HttpVerifyCert" : false,  
  "HttpTimeout" : 10000000000,  
  "ServerAddress" : "_gytpol",  
  "ArchiveFolderPath" : "archive"  
}
```

## Fields explanations:

HttpVerifyCert - Indicate whether to validate the server's certificate when using HTTP requests.

HttpTimeout - Determine the timeout (in Nano Seconds) for HTTP requests.

ServerAddress - The address of the GYTPOL server.

ArchiveFolderPath - Folder (relative to /opt/gytpol) in which reports are being saved to before sending them to the server.

## Uninstalling

### Command to run

First remove the installed files and their directories:

```
# Validite the files that we're going to delete
$ pkgutil --only-files --files com.gytpol.gytmac

# Delete the Files
$ pkgutil --only-files --files com.gytpol.gytmac | tr '\\n' '\\0' | xargs -
n 1 -0 sudo rm -f

# Validite the directories that we're going to delete
$ pkgutil --only-dirs --files com.gytpol.gytmac

# Delete the directories
$ pkgutil --only-dirs --files com.gytpol.gytmac | tail -r | tr '\\n' '\\0'
| xargs -n 1 -0 sudo rmdir
```

**NOTE: Deleting files that may lead to loss and is at your own risk, please make sure that nothing important is being removed before deleting!**

Once you've uninstalled the files, you can remove the receipt with:

```
$ sudo pkgutil --forget the-package-name.pkg
```