

# access\_lock

## Overview

This utility uses the Access Lock API available in Code42 6.0+ to remotely lock access from a device. The script can either Lock or Unlock the device. It can also report on specific devices or create a report on all devices that have ever been locked or unlocked.

It can be run interactively with prompts and responses or run command-line via parameters. It's written in Powershell and compiled as an executable for Windows

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## General Information

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This script was written to perform locks and unlocks using the Access Lock functionality. Because Access Lock is only available as an API and not a control in the admin console, many customers may not take advantage of the functionality. This utility was written as a way to make it much easier for administrators to perform locks/unlocks and run reports on devices that have been locked.

Contact [Kyle Hatlestad](#) with questions.

## Step 1 - Get the Script/Executable

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The script and executable can be found on our public [GitHub](#) page at:

- access\_lock.ps1

- access\_lock.exe

## Step 2 - Run the Script!

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Assuming that you have the file downloaded, the proper credentials and the device can see the master server, you're ready to run! If you are running the Powershell version, bring up a Windows Powershell window and simply execute the script:

```
C:\> ./access_lock.ps1
```

The script will first ask for the server address and admin username & password. And then it will ask for the user who's device you want to lock or unlock. It will then list out all of the devices eligible for Access Lock (any at client version 6.0+) and all the devices that aren't (5.4.x or lower). It also displays their current lock status and asks to select the device to lock/unlock. The response from the action is then displayed and recorded in a log file in the same directory as the script.

## What About the Fancy Stuff?

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Below are the various parameters that can be used to execute the lock/unlock on a specific device or to generate a report

Parameter	Name	Description	Example
-FullServerUrl	Full Server URL	This is the complete HTTP(S) path to the server including the port.	./access_lock.ps1 -FullServerUrl <a href="https://server.com">https://server.com</a> :4285
-user	Username	Username of the administrator that is allowed to perform Access Lock.	./access_lock.ps1 -FullServerUrl <a href="https://server.com">https://server.com</a> :4285 -user bsmith
-password	Password	Password of the administrator that is allowed to perform Access Lock.	./access_lock.ps1 -FullServerUrl <a href="https://server.com">https://server.com</a> :4285 -user bsmith -password secret

-deviceGuid	Device GUID	Unique 16-digit Code42 device identifier. This the number displayed below the device name in the Admin Console. The value is not used if using the -report parameter.	./access_lock.ps1 -FullServerUrl <a href="https://server.com">https://server.com</a> :4285 -user bsmith -password secret - <b>deviceGuid 800787103390487730</b>
-action	Lock Action	Lock or Unlock action to be performed on the device. Options include LOCK and UNLOCK	./access_lock.ps1 -FullServerUrl <a href="https://server.com">https://server.com</a> :4285 -user bsmith -password secret -deviceGuid 800787103390487730 <b>-action LOCK</b>
-report	Report	Report on an individual device or all devices. Option include either a specific device GUID or 'all'	./access_lock.ps1 -FullServerUrl <a href="https://server.com">https://server.com</a> :4285 -user bsmith -password secret -report all