

# Command lines

We are pleased to provide you with a comprehensive set of command-line tools designed to enhance the flexibility and efficiency of our software. These tools enable users to script and automate various functionalities, tailoring the software to meet their specific needs and workflows.

Explore the possibilities and optimize your experience with our command-line options.

You only have to run the following command lines as an elevated Administrator. As a reminder, AdminTool.exe and TwoFactor.Admin.exe (2FA addon) should be located here: **C:\Program Files (x86)\TSplus\UserDesktop\files**

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## Backup data and settings: /backup

### Syntax:

```
AdminTool.exe /backup [optionalPath] [parameters]
```

### Description:

Command `/backup` is used to backup TSplus data and settings.

By default, the backup will be created in the archives directory (C:\Backupparam)

## Parameters:

- `optionalPath`: to backup in another directory than the default one. Relative and absolute paths are allowed.
- `/silent`: if this parameter is mentioned, the backup is done silently

## Examples:

```
AdminTool.exe /backup
AdminTool.exe /backup "c:/TSplus/CustomBackupFolder" /silent
```

For more information, please go to [TSplus - Backup Settings](#)

---

## Restore data and settings: `/restore`

### Syntax:

```
AdminTool.exe /restore [backupPath] [parameters]
```

### Description:

Command `/restore` is used to restore TSplus data and settings.

The specified backup directory must contain a data and a settings folder, as created by the `/backup` command.

### Parameters:

- `backupPath`: the path where is located the backup folder to restore.
- `/silent`: if this parameter is mentioned, the restore is done silently

### Examples:

```
AdminTool.exe /restore "C:/Backupparam" /silent
AdminTool.exe /restore "C:/TSplus/CustomBackupFolder" /silent
```

For more information, please go to [TSplus - Backup Settings](#)

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## Webserver: `/webstop`, `/webstart` and `/webrestart`

## Syntax:

```
AdminTool.exe /webstop
```

```
AdminTool.exe /webstart
```

```
AdminTool.exe /webrestart
```

## Description:

Command `/webstop` is used to stop the Web server.

Command `/webstart` is used to start the Web server.

Command `/webrestart` is used to restart the Web server.

## Parameters:

None

---

## Update: /update

### Syntax:

```
AdminTool.exe /update [options]
```

### Description:

Command `update` is used to update TSplus Remote Access and potentially Advanced Security.

### Parameters:

- [options]:
  - `/addons`: if this option is used, Advanced Security is also updated, if a new version is available.

### Example:

```
AdminTool.exe /update /addons
```

---

## Apply Windows compatibility updates: /updatekernel

### Syntax:

```
svcac.exe /updatekernel [/silent]
```

svcac.exe should be located here: **C:\Program Files (x86)\TSplus**

### Description:

Command /updatekernel is used to apply Windows compatibility updates.

These automatic updates ensure that TSplus Remote Access remains compatible with new Windows updates and avoid the need to download and reinstall a newer version of TSplus Remote Access.

Windows compatibility updates can occur daily. TSplus Remote Access allows forced updating. This is useful when compatibility seems broken, and you need to retrieve the latest TSplus Remote Access patch outside of the regular update schedule.

Please note that a valid license is required to retrieve compatibility updates. If your trial license has expired or if your license is invalid, an error message box will be displayed. Please contact our support team with a screenshot of this error message if the issue is unexpected.

### Parameters:

- [/silent]: Update silently by providing this parameter. No message box will be displayed.
- 

## Install Universal Printer: /InstallUniversalPrinter

### Syntax:

```
universalprintermanagement.exe /InstallUniversalPrinter
```

universalprintermanagement.exe is located here: **C:\Program Files (x86)\TSplus\UserDesktop\files**

### Description:

Command /InstallUniversalPrinter is used to install Universal Printer.

This is a clean install as it removes existing Universal Printer if previously installed.

### Parameters:

None

You can also perform this action manually, please look at [Universal Printer](#)

---

## **Remove UniversalPrinter: /RemoveUniversalPrinter**

### Syntax:

```
universalprintermanagement.exe /RemoveUniversalPrinter
```

universalprintermanagement.exe is located here: **C:\Program Files (x86)\TSplus\UserDesktop\files**

### Description:

Command `/RemoveUniversalPrinter` is used to uninstall Universal Printer.

### Parameters:

None

You can also perform this action manually, please look at [Universal Printer](#)

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## **Configure proxy server: /proxy /set**

### Syntax:

```
AdminTool.exe /proxy /set [parameters]
```

### Description:

Command `/proxy /set` is used to configure a proxy server for Internet access.

### Parameters:

- `/host`: the destination host can be a predefined value ("ie" or "none") or a user-defined value (e.g: 127.0.0.1 or proxy.company.org). This parameter is mandatory
- `/port`: the port number used to connect to the proxy server. Required if the hostname value is a custom user-defined value.
- `/username`: the username to connect to the proxy server. This setting is optional

- `/password`: the user's password must be supplied if a username has been defined. However, its value can be empty

## Examples:



```
AdminTool.exe /proxy /set /host ie
```

For more information, please go to [How to configure a Proxy Server for Internet Access?](#)

---

## Open Web Credentials form: `/webcredentials`

### Syntax:

```
AdminTool.exe /webcredentials
```

### Description:

Command `/webcredentials` launches in a single window the Web Credentials interface (as you would do in AdminTool > Web > Web Credentials).

### Parameters:

None

---

## Create Web Credentials: `/webcredentials-add`

### Syntax:





## Description:

Command `/webcredentials-add` is used to create Web Credentials (as you would do in AdminTool > Web > Web Credentials).

## Parameters:

- `webLogin`: the web login you want to create.
- `webPassword`: the associated web password. It can be blank credential. For that, use double quotes "" to indicate a blank password
- `windowsLogin`: the Windows login of the corresponding user.
- `windowsPassword`: the Windows password.
- `maximumConcurrentSessions` (optional): the maximum number of concurrent sessions for this user.

## Example:



For more information, please go to [Web Credentials](#)

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## Remove Web Credentials: `/webcredentials-remove`

### Syntax:

```
AdminTool.exe /webcredentials-remove [webLogin]
```

### Description:

Command `/webcredentials-remove` is used to remove an existing Web Credential (as you would do in AdminTool > Web > Web Credentials).

### Parameters:

- `webLogin`: the web login you want to remove.

### Example:

```
AdminTool.exe /webcredentials-remove johndoe
```

For more information, please go to [Web Credentials](#)

---

## Open Session Manager: `/sessionmanager`

### Syntax:

```
AdminTool.exe /sessionmanager
```

### Description:

Command `/sessionmanager` launches in a single sizable-window the session manager (as you would do in AdminTool > Home > Session Manager).

### Parameters:

None

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## Open Sessions monitor: `/farm-sessions-monitor`

### Syntax:

```
AdminTool.exe /farm-sessions-monitor
```

### Description:

Command `/farm-sessions-monitor` launches in a single sizable-window the session monitor of the farm manager (as you would do in AdminTool > Farm > Monitor Sessions).

### Parameters:

None

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## Open Load balancing manager: `/farm-loadbalancing`

### Syntax:

```
AdminTool.exe /farm-loadbalancing
```

### Description:

Command `/farm-loadbalancing` launches in a single sizable-window the load balancing manager of the farm manager (as you would do in AdminTool > Farm > Load Balancing).

### Parameters:

None

---

## Run system audit: `/systemaudit`

### Syntax:

```
AdminTool.exe /systemaudit
```

## Description:

Command `/systemaudit` runs a system audit (as you would do manually in AdminTool > Home > System Audit > Run System Audit).

## Parameters:

None

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## License activation: /activate

### Syntax:

```
AdminTool.exe /activate [licensePath]
```

## Description:

Command `activate` is used to activate Remote Access license, using a license file.

## Parameters:

- `[licensePath]`: the path of the license file

## Example:

```
AdminTool.exe /activate "C:\Program Files (x86)\TSplus\license.lic"
```

---

## License reset following cloning of a virtual machine: /reset

### Syntax:

```
AdminTool.exe /license /reset
```

## Description:

When cloning a server, the 'License' tab in AdminTool may not display a Computer ID or might show the error message: "Invalid hardware identifier." The command `/reset` aims to initialize licensing on the clone server so that new licenses can be assigned for the installed TSplus products.

## Important Notes:

1. A new TSplus license must be activated using a new Activation Key.
2. Do not use the `/license /reset` command on a non-cloned machine, as it permanently prevents license assignment. Always confirm the machine's status before proceeding.

## Steps to reset license on a cloned server:

- 1) Open an Administrator session on the cloned server.
- 2) Change the HDD Volume Serial Number.
  - Execute the `vol` command to display the current Volume Serial Number (VSN). The result should resemble: `74F8-9C08`.
  - Download and install the VolumeID utility, available [here](#).
  - Execute the command: `volumeid C: 84F8-9C08` as an administrator to change the drive VSN. In this example, we changed the VSN of disk C: and I have changed only one character (the first) of the old VSN to specify the new one.
  - Note: this step is critical because certain Windows Server versions do not generate a new Volume Serial Number during cloning, even when using SysPrep.
- 3) Rename the cloned server and restart it.
- 4) Reset the License in AdminTool:
  - Open a Command Prompt with Administrator privileges.
  - Navigate to the directory containing the AdminTool executable using this command: `cd "C:\Program Files (x86)\TSplus\UserDesktop\files"`
  - Execute the following command: `AdminTool.exe /license /reset`
- 5) Verify the reset.
  - After running the command, the 'License' tab should display the following error: "Failed to read license file (unexpected file format)."
- 6) Activate the new license.
  - In the 'License' tab, click 'Activate your license' and enter the new Activation Key to activate the required licenses and supports.

## Example:

```
AdminTool.exe /license /reset  
TSplus-Security.exe /license /reset  
ServerMonitoring.exe /license /reset
```

---

## Volume license activation: /vl /activate

### Syntax:

```
AdminTool.exe /vl /activate [licensekey] [parameters]
```

### Description :

Command `vl /activate` is used to activate a volume license.

### Parameters:

- `licensekey`: license key to activate, in this format: AAAA-BBBB-CCCC-DDDD
- `/users`: any number from 1 to 50, or "unlimited"
- `/edition`: "Desktop", "MobileWeb" or "Enterprise"
- `/supportyears`: Any number from 0 to 3.
- `/comments`: Specifies the comments to attach to the license on the License portal

### Example:





For more information, please go to [Volume license documentation](#)

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## Enabling and disabling Volume license: /vl /enable and /vl /disable

### Syntax:

```
AdminTool.exe /vl /enable [licensekey]
```

```
AdminTool.exe /vl /disable [licensekey]
```

### Description:

Command `vl /enable` is used to enable a volume license.

Command `vl /disable` is used to disable a volume license.

### Parameters:

- `licensekey`: license key to enable/disable, in this format: AAAA-BBBB-CCCC-DDDD

### Examples:

```
AdminTool.exe /vl /enable VOLU-MELI-CENS-EKEY
```

```
AdminTool.exe /vl /disable VOLU-MELI-CENS-EKEY
```

For more information, please go to [How to enable/disable a License from the Server?](#)

---

## Volume license update: /vl /update

### Syntax:

```
AdminTool.exe /vl /update [licensekey] [parameters]
```

### Description:

Command `vl /update` is used to update the users of a volume license.

## Parameters:

- `licensekey`: license key to update, in this format: AAAA-BBBB-CCCC-DDDD
- `/users`: any number from 1 to 50, or "unlimited"

## Examples:

```
AdminTool.exe /vl /update /users 2
AdminTool.exe /vl /update /users unlimited
```

For more information, please go to [How to Update the Users of a Volume License from the Server?](#)

---

## Display remaining license credits for a Volume License key: `/vl /credits-license`

### Syntax:

```
AdminTool.exe /vl /credits-license [licensekey] [parameters]
```

### Description:

Command `vl /credits-license` is used to display the remaining license credits associated with a Volume License key.

### Parameters:

- `licensekey`: Volume License key, in this format: AAAA-BBBB-CCCC-DDDD
- `/login`: provide the login of the partner associated with the Volume License key
- `/edition`: provide the optional edition parameter for Advanced Security and Server Monitoring products
- `/silent`: executes the command silently

The output will be stored in the user-level environment variable named `VOLUME_LICENSE_CREDITS`. It may be required to read the value of `VOLUME_LICENSE_CREDITS` from a different process, using the command `echo %VOLUME_LICENSE_CREDITS%`.

### Examples:

```
AdminTool.exe /vl /credits-license VOLU-MELI-CENS-EKEY /login JOHNDOE
```



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For more information, please go to [How to display the remaining license credits for a Volume License key?](#)

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## Display remaining support credits for a Volume License key: `/vl /credits-support`

### Syntax:

```
AdminTool.exe /vl /credits-support [licensekey] [parameters]
```

### Description:

Command `vl /credits-support` is used to display the remaining support credits associated with a Volume License key.

### Parameters:

- `licensekey`: Volume License key, in this format: AAAA-BBBB-CCCC-DDDD
- `/login`: provide the login of the partner associated with the Volume License key
- `/edition`: provide the optional edition parameter for Advanced Security and Server Monitoring products
- `/silent`: executes the command silently

The output will be stored in the user-level environment variable named `VOLUME_LICENSE_CREDITS`. It may be required to read the value of `VOLUME_LICENSE_CREDITS` from a different process, using the command `echo %VOLUME_LICENSE_CREDITS%`.

### Examples:

```
AdminTool.exe /vl /credits-support VOLU-MELI-CENS-EKEY /login JOHNDOE
```



For more information, please go to [How to display the remaining support credits for a Volume License key?](#)

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## 2FA - reset: /resetuser

### Syntax:

```
TwoFactor..Admin.exe /resetuser [user1] [user2] .... [userN]
```

### Description:

Command /resetuser is used to reset 2FA users, instead of doing it through the user interface (this can be done here in the interface: TwoFactor.Admin > Manage Users > Reset)

### Parameters:

- user1 user2 ... userN: the domain names of the users you want to reset (separated by simple space)

### Examples:

```
TwoFactor.Admin.exe /resetuser johndoe jackrussell chuckbartowski
```

For more information, please go to [Reset Configuration for Users](#)

---

## 2FA - add users: /addusers

### Syntax:

```
TwoFactor.Admin.exe /addusers [userInfos1] [userInfos2] ... [userInfosN]
```

### Description:

Command /addusers is used to add several 2FA users, instead of doing it through the user interface, user by user (this can be done here in the interface: TwoFactor.Admin > Manage Users > Add User)

### Parameters:

- userInfos1 userInfos2 ... userInfosN: the user infos of the users you want to add. These infos consist of the following fields, separated by a semi-colon:

- `domainName` (mandatory): the domain Name of the user to add
- `receivedMethod` (optional): the method to receive confirmation codes. Has to be one of these values: SMS, App, Email or LetTheUserChoose. App is the default value.
- `mobilePhone` (optional): the phone of the user to add
- `email` (optional): the email of the user to add

## Examples:





For more information, please go to [Add Users and Groups](#)

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## 2FA - add groups: /addgroups

### Syntax:

```
TwoFactor.Admin.exe /addgroups [group1] [group2] ... [groupN]
```

### Description:

Command /addgroups is used to add several 2FA groups, instead of doing it through the user interface, group by group (this can be done here in the interface: TwoFactor.Admin > Manage Users > Add Group)

### Parameters:

- group1 group2 ... groupN: the names of the groups you want to add.

### Examples:

```
TwoFactor.Admin.exe /addgroups group1 group2 group3
```

For more information, please go to [Add Users and Groups](#)