

# CLI How To's

CLI (Command Line Interface) is available in CC in the following path:

**..\Tlib\_HD2\_WEB\web\CLI\Gen4cli\TS4500\_CLI.jar**

To run CLI you need to use command line, go to the path where you copy TS4500\_CLI.jar and type:

```
> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser -[Command] [parameters]
```

Here is the list of parameters that are already supported by CLI and how to run them:

\*NOTE: There is a known issue in WIM, even if the command really works (changes db) CLI will show an error message.

- createVolserRanges**
- modifyVolserRanges**
- deleteVolserRanges**
- viewVolserRanges**
- viewLogicalLibraries**
- viewLogicalLibraryDetails**
- showQueuedExports**
- modifyVolserReporting**
- setMaximumVIOCartridges**
- viewDataCartridges**
- viewDriveSummary**
- viewDriveDetails**
- viewNodeCards**
- downloadlog**
- downloadPropertiesFile**

## **Command Name:**

`createVolserRanges`

## **Description:**

Creates new volser ranges

## **Parameters:**

FileName.

Each line in the file will be interpreted as a volser range. The parameters are:

startRange,endRange,LLName,mediaType[LTO, DLT,3592],,[TRUE/FALSE] (flag to enable only for new cartridges).

## **Example:**

UAA9RH,UBB9RH,Library 1,3592,false

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --createVolserRanges  
fileName.txt
```

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**Command Name:**

modifyVolserRanges

**Description:**

Allows to modify Logical Library, media Type and the flag to enable the volser range only for new cartridges.

**Parameters:**

FileName.

Each line in the file will be interpreted as a volser range. The parameters are:

startRange\*,endRange\*,LLName,mediaType [LTO, DLT,3592],[TRUE/FALSE] (flag to enable only for new cartridges).

\* : These values are used to get the range index in the table, so those values cannot be modified.

**Example:**

UAA9RH,UBB9RH,Library 1,3592,TRUE

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --modifyVolserRanges  
fileName.txt
```

---

**Command Name:**

deleteVolserRanges

**Description:**

Deletes all the volser ranges with the file.

**Parameters:**

FileName.

Each line in the file will be interpreted as a volser range. The parameters are:

Logical Library Name,startRange,endRange

**Example:**

Library 1,TUU9RH,TXX9RH

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --deleteVolserRanges  
fileName.txt
```

---

**Command Name:**

[viewVolserRanges](#)

**Description:**

Shows all the volser ranges in the library.

**Parameters:**

None

**Example of output:**

Logical Library, Volser Start, Volser End, Media Type

Library 1,	CCC9RH,	DDD9RH,	LTO
Library 1,	EEE9RH,	FFF9RH,	LTO
Library 1,	GGG9RH,	HHH9RH,	3592
Library 1,	III9RH,	JJJ9RH,	3592

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --viewVolserRanges
```

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**Command Name:**

[viewLogicalLibraries](#)

**Description:**

Lists all the logical libraries.

**Parameters:**

None

**Example of output:**

Name, Media Type, Assigned Cartridges, Max Cartridges, Max Virtual I/O cartridges,  
Queued Exports, VOLSER Reporting (6/8 characters)

Library 1,	3592,	0,	0,	0,	0,	6
GVGNFLOW,	3592,	0,	0,	0,	0,	6

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --viewLogicalLibraries
```

---

**Command Name:**

[viewLogicalLibraryDetails](#)

**Description:**

Shows the details of the given logical library.

**Parameters:**

Logical library name

**Example of output:**

	Name,	Media Type,	Assigned Cartridges,	Max Cartridges,
Encryption				
Library 1,	3592,	0,	0,	No

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --viewLogicalLibraryDetails "Library 1"
```

---

**Command Name:**

`showQueuedExports`

**Description:**

Set flag to Show/Hide (true, false) queued exports. Parameters need to be inside quotation marks: "[LL name],[TRUE/FALSE]"

**Parameters:**

Logical library name, Flag value [True/false]

**Example of output:**

-

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --showQueuedExports "Library 1,TRUE"
```

---

**Command Name:**

`modifyVolserReporting`

**Description:**

Modifies Volser Reporting value (6 or 8). Parameters need to be inside quotation marks: "[LL name],[6/8]"

**Parameters:**

Logical library name, Flag value [6/8]

**Example of output:**

-

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --modifyVolserReporting  
"Library 1,6"
```

---

**Command Name:**

setMaximumVIOCartridges

**Description:**

Update the number of Virtual I/O slots for the logical library.

**Parameters:**

Logical library name, value

**Example of output:**

-

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --  
setMaximumVIOCartridges "Library 1,200"
```

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**Command Name:**

downloadlog

**Description:**

Downloads the zip file with all the logs.

**Parameters:**

-

**Example of output:**

-

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --downloadlog
```

---

**Command Name:**

downloadPropertiesFile

**Description:**

Downloads the properties file (TSSC file)

**Parameters:**

-  
**Example of output:**

-  
**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --downloadPropertiesFile
```

---

**Command Name:**  
[viewDataCartridges](#)

**Description:**  
Shows all the data cartridges in the library

**Parameters:**

-  
**Example of output:**

Volume Serial, (F,C,R), M000NTJL, Not Encrypted, M001NTJL, Not Encrypted,	Logical Library, Encryption, Logical Library 1, 0 Logical Library 1,	Element Address, Most Recent use 1046, 1294,	Media Type, JAG, JAG,	Location Slot(F1,C5,R4,T1), Slot(F1,C6,R29,T0),

**How to run:**

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --viewDataCartridges
```

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**Command Name:**  
[viewDriveSummary](#)

**Description:**  
Shows all the drives in the library

**Parameters:**

-  
**Example of output:**

WWNN, SCSI/Loop ID,	Location(F,C,R), Code Version,	Logical Library, Status,	Element Address, Drive Display	Type,	Contents,
	F1,C1,R3,	GVGNFLOW,	258,	,	Empty,
0,	0,Cleaning,	ND			
	F1,C1,R1,	Shared,	0,	,	Empty,
0,Cleaning,	ND				0,

### How to run:

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --viewDriveSummary
```

---

### Command Name:

[viewDriveDetails](#)

### Description:

Shows details of the given drive

### Parameters:

-f [frame] -c [column] -r [row]

### Example of output:

Drive,	Location(F,C,R),	Logical Library,	Element Address,	Type,
Contents,Code Version,	Status,	Drive Display,	Port 0 Loop ID,	Port 0 WWPN,
Port 1 WWPN	Loop ID,	Port 1 WWPN		
,	F1,C1,R3,	GVGNFLOW,	258,	, Empty,
0,Cleaning,	ND,	,	,	,

### How to run:

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --viewDriveDetails -f 1 -c 1 -r 3
```

---

### Command Name:

[viewNodeCards](#)

### Description:

Shows information on the node cards

### Parameters:

-

### Example of output:

Card name,	Location,	Part number,	Serial number,
Firmware version			
LCA 1,	Frame 1.Row 1,	,	1.1.0.0-00Q.00

### How to run:

```
>> java -jar TS4500_CLI.jar -ip [LCC ip] -u superuser -p superuser --viewNodeCards
```