# TMSS10BatchSlotAllocation

TMSS10BatchSlotAllocation exports to file via stdout and imports Slot Allocation information via stdin.

## Synopsis

```
TMSS10BatchSlotAllocation -C [customer-id] -M [media-id] -R [repository-id]
-S [logon string] -c [config file] -i [import]
```

If an argument value starts with the value `FI:`, the value for that attribute will be read from the file name specified immediately after it. For example, if a file named ACME_volumes has the content `ACME_*.*`, specifying `FI:/etc/ACME_volumes` will have the same effect as `-V ACME.*.*`. Using `FI:` to refer to a file for an attribute value works for all attributes.

If the pattern being matched starts with *LIST: then rather than matching the literal value, each record in the file specified as *LIST:filename will be tested. If one matches the match will succeed.

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## Options

- `-C` Customer-ID filter.
- `-M` Media-ID filter.
- `-R` Repository-ID filter.
- `-S` The Logon string argument sets the Server Logon Information
- `-c` The config file argument specifies the path to the Batch Configuration File. The Batch Configuration File allows you to perform advanced traversal of Customer, Media and Volumes, perform advanced Barcode pre and post processing and route program output to syslogd. Configuration File capabilities vary from program to program but the syntax remains the same. In the event that logic is not supported it will simply be ignored.
- `-i` Import (otherwise export) default = false (export)



Volumes must exist and be in the correct Repositories if using TMSS10BatchSlotAllocation to update Slot information as it will not add new Volumes or move them.

### Technical Support

The TapeTrack Software is commercially supported by a full time help desk staff.

If you are experiencing problems or want some advice on how to configure or use the product please see the Accessing Technical Support page.

### Exit Statuses

**zero** Program has ended successfully.
**non-zero** Program has not ended successfully.

### Files

**stdout:** Output Reports.
**stderr:** Diagnostic messages.
**stdin:** Program input.

## Example

Export current Volume Slot information to file current_slot.txt for Customer-ID US01, Media-ID LTO and Repository-ID OFFS.

```
TMSS10BatchSlotAllocation -S username:-password@serveraddress -C "US01" -M
"LTO" -R "OFFS" > current_slot.txt
```

Import Volume Slot information from file current_slot.txt for Customer-ID US01, Media-ID LTO and Repository-ID OFFS.

```
TMSS10BatchSlotAllocation -S username:-password@serveraddress -C "US01" -M
"LTO" -R "OFFS" -i < current_slot.txt
```

Sample File

```
{
"metadata":   {
    "creation_time":    "Monday, March 09, 2020 - 11:38:57 (AUS Eastern
Daylight Time)",
    "genderator":    "TMSS10BatchSlotAllocation",
    "genderator_build":    "Mar  8 2020",
    "creation_host":    "GazillaByte"
},
"repository": {
    "id":    "OFFS",
    "description":    "Offsite Vault",
    "slots":    10,
    "capacity":    0,
    "capacity_used":    4,
    "zones":    [{
            "zone":    "One",
            "description":    "Zone One",
            "slot_start":    1,
            "slot_end":    10
        }]
```

```
},
"volumes":    [{
        "id":    "100100L4",
        "source":    "LIBR",
        "slot":    1
    }, {
        "id":    "100101L4",
        "source":    "LIBR",
        "slot":    4
    }, {
        "id":    "100103L4",
        "slot":    2
    }, {
        "id":    "100104L4"
    }, {
        "id":    "100105L4",
        "target":    "LIBR",
        "slot":    6
    }, {
        "id":    "100106L4",
        "target":    "LIBR"
    }]
}
```

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