

Certificates and Certification

In TapeTrack, a **Certificate** is a digitally-generated form that indicates whether or not a [Repository](#) is performing adequately. [Repositories](#) can either receive a Certified status or a Refused status. [Repositories](#) gaining a Certificate Refused status have Audit Failures due to either surplus or deficit Volumes.

Certificates that have previously been [generated](#) are listed on the Certificate tab in TapeTrack TapeMaster.

Edit Repository: Offsite Vault

Identity	Zones	Slot Usage	Options	Usage History	Movement History	Certification
Time	Signature	Description	Count	Deficit	Surplus	Status
Enter text here	Enter text here	Enter text here	E...	E...	E...	Ente...
<input checked="" type="checkbox"/> 2017-10-17 10:58:55	0x132eba89-0x54579...		92	0	0	Certified
<input checked="" type="checkbox"/> 2017-10-17 11:00:27	0xc77547f1-0x54579...		92	0	0	Certified
<input checked="" type="checkbox"/> 2017-10-17 11:04:12	0xddded5ff0-0x9b5bc7...		9	0	1	Refused
<input checked="" type="checkbox"/> 2017-10-17 11:04:41	0xf2c1f458-0x9b5bc7...		9	0	1	Refused
<input checked="" type="checkbox"/> 2017-10-17 11:10:30	0xb4c7cb1f-0x1cfbe2...		9	1	1	Refused

List contains 5 records

Selected=1 First Selected=5

- **Time** displays the date and time the certificate was produced.
 - A tick indicates a successful certification.
 - A cross indicates an unsuccessful certification.
- **Signature** displays the certificates unique digital signature.
- **Description** displays the description (if any) of the certificate.

- **Count** displays the deficit count of volumes.
- **Deficit** displays the deficit count of volumes.
- **Surplus** displays the surplus count of volumes.
- **Status** displays certificate's certified or refused status.

Viewing Certificate

Right-click on a certificate and select **Properties**, or double-click to open the required certificate.

The top half of the certificate displays:

- **Certificate Properties**

- **Customer**: Customer-ID or Name
- **Media**: Media-ID or description
- **Repository**: Repository-ID or description
- **Items**: Total number of volumes audited
- **Deficit**: Number of volumes in deficit (not present but should be)
- **Surplus**: Number of volumes in surplus (present but should not be)

- **Update Statistics**

- **When**
 - **Date**
 - **Time**
 - **UTC Offset**
 - **Time at Source**
 - **Time Zone**
- **From**
 - **Machine Name**
 - **Details**
 - **Connection Count**
 - **First Connection**
 - **Last Connection**
 - **Interface**
 - **Operating System**
 - **As**
 - **User-ID**
 - **User Name**

The bottom half of the certificate displays a list of the Volume-ID's in the certification audit and their status:

- **OK**: Present in the reconciliation and supposed to be.
- **Surplus**: Present in the reconciliation but not meant to be.
- **Deficit**: Not present in the reconciliation process but meant to be.



