# View Server Licenses

Server administrators can view the license and product key information for [Tableau Server].

**Viewing licenses from the [Tableau Server] web UI**

How you navigate to the Licenses page in [Tableau Server] depends on whether you have a single site, or multiple sites.

- On a server with a single site, click [Settings] and [Licenses]:
- On a multi-site server, click [Manage all sites] on the site menu, [Settings], and [Licenses]:

  **Note:** The [Manage all sites ]option only displays when you are signed in as a server administrator.

This page displays information for any licenses that have been activated on your server, including any user-based (term) or core-based licenses.

## Use the TSM web interface

1. Open TSM in a browser:

   http://<tsm-computer-name>:8850

2. Click **Configuration** , and then click [Licensing ]:

   The table displays the product key, expiration date, and expiration of maintenance.

   **Note**: The TSM Web UI provides a limited amount of licensing information. Use the TSM CLI or the Tableau Server Web UI to see additional licensing information, including the number of each type of user-based license (Creator, Explorer and Viewer).

## Use the TSM CLI

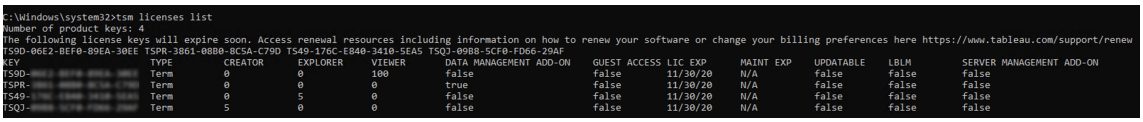
of user-based license (Creator, Explorer and Viewer).

1. Open a command prompt as administrator on the initial node (the node where TSM is installed).
2. Run the following command:

   ```
   tsm licenses list
   ```

The command lists licenses that are activated on the Tableau Server deployment.

For example, a server with five Creator licenses, five Explorer licenses, 100 Viewer licenses, and a Data Management Add-on would provide command output similar to the following:




The following fields are returned:

- **KEY**: A globally unique 16-character string that identifies the license.
- **TYPE**: Describes the type of license

    - Term: Term licenses map to a subscription schedule and must be renewed. The expiration date is listed under the LIC EXP field.
    - Perpetual: Perpetual licenses are purchased once and do not need to be renewed but must be refreshed to update the MAINT EXP or maintenance expiration date.
    - Cores: Core licenses are licenses that map to the number of cores on the computers running specific Tableau Server services. Core licensing allows for a guest user access to views on the server or embedded on other web servers. Core licenses also allow for unlimited Explorer and Viewer users.

- **CREATOR**: The number of Creator licenses issued to the Tableau Server deployment.
- **EXPLORER**: The number of Explorer licenses issued to the Tableau Server deployment.
- **VIEWER**: The number of Viewer licenses issued to the Tableau Server deployment.
- **DATA MANAGEMENT ADD-ON**:Tableau Server is licensed for the Data Management Add-on ( `True` / `False` ).
- **GUEST ACCESS**: Tableau Server is licensed for a Guest User. The ability to leverage a Guest User requires Core licensing. See TYPE field.
- **LIC EXP**: The date that the license expires and Tableau Server will stop working. Term licenses expire. See TYPE field. Visit the Tableau Customer Portal(Link opens in a new window) to refresh licenses.
- **MAINT EXP**: Applies only to legacy perpetual licenses (TYPE = Perpetual). For Term licenses, this field will output, `N/A` . MAINT EXP displays the date that the maintenance contract for the Tableau Server deployment expires.
- **UPDATABLE**: Specifies whether the license is an updatable subscription license ( `True` / `False` ).
- **LBLM**: Specifies if login-based license management (LBLM) is enabled for the Tableau Server deployment ( `True` / `False` ). When enabled, LBLM allows users to log into Tableau Server to license their instance of Tableau Desktop or Prep, rather than entering a product key.
- **SERVER MANAGEMENT ADD-ON**: Tableau Server is licensed for the Server Management Add-on ( `True` / `False` ).

**Note**: The license terms for Creator, Explorer and Viewer users are set according to the terms of the user-based license (term license), if present. So, a server with only a core-based license will have unlimited Explorer and Viewer users and guest access, but no Creator users.