

Grant only specific users access to a specific QUADOA[®] license key

In some cases, it is required that only specific users are granted access to a specific QUADOA[®] license. This is particularly important if multiple QUADOA[®] license keys are installed on the same company license server.

A) Generating a client identity on the license server. On the license server machine do following steps:

- On the license server machine open the Sentinel Admin Control Center (ACC) by typing in the browser <u>http://localhost:1947/</u>
- Navigate to the Configuration Tab and click on Access from Remote Clients. Activate the checkboxes as in Figure 1. In the field "Public Address for Access With Identity and ACC" enter the IP address of the server, on that the QUADOA[®] network license is installed. Click on Submit.

| ← → C 0 localhost:1947/_int_/config_from.html | | | | | | |
|---|--|--|--|--|--|--|
| Sentinel Admin | Control Center | | | | | |
| | Configuration Host Name: laptop-9rnc51uo | | | | | |
| Sentinel Keys | Basic Settings Users Access to Remote License Managers Access from Remote Clients Client Identities | | | | | |
| Products | | | | | | |
| Features | Allow Access from Remote Clients | | | | | |
| Sessions | All licenses are accessible without need of identity Note: Regardless of the option selected, remote machines using a client identity cannot access non-cloud licenses. | | | | | |
| Update/Attach | Public Address for Access With Identity and ACC 😡 enter the IP address of the server | | | | | |
| | Trusted Client 🖗 | | | | | |
| Access Log | Public Port for Access With Identity | | | | | |
| Configuration | Store Identity Secrets Plain text Encrypted with the storage key provided with Sentinel AdminAPI | | | | | |
| | Access Restrictions | | | | | |
| Diagnostics | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | Show Recent Client Access The entries are evaluated in the order in which they are specified. As soon as a match is found, evaluation stops. allow-all is implicitly added to end of list | | | | | |
| | Submit Cancel Set Defaults | | | | | |

Figure 1: Configuration Access From Remote Clients



 To generate a new client identity, navigate to the Client Identities Tab. There click on Add Client Identity to generate a new client identity.

Important note: Each client identity can only be used by one user. If several users want to get access to the same license Key, it is necessary to generate a single client identity for every single user.

| Sentinel Admin | Control Center | | | | Help |
|----------------|---|-----------------------------------|----------------------------|--|-----------------------|
| | Configuration Host Name: laptop-9rnc51u | 10 | | | |
| Sentinel Keys | Basic Settings Users | Access to Remote License Managers | Access from Remote Clients | Client Identities Detachable Licenses | Network |
| Products | Search for Client or Identity Code | Search | | | + Add Client Identity |
| Features | Issued to | Identity Code Limit to | Login Detach Machine Limit | Creation Date Expiration Date Status Actions | |
| Sessions | | | | | |
| Update/Attach | | | | | |
| Access Log | | | | | |
| Configuration | | | | | |
| Diagnostics | | | | | |

Figure 2: Sentinel Admin Control Center (ACC) Client Identities Tab

- 4. In the **Client Identity Window**, it is required to specify the client identity.
- a) Issued to: Add a specific name e.g. "User 1"
- b) *Identity String:* This string is a unique string for the specific user/client identity "User 1". Copy and store that string, since you need to send this string later to the end-user.
- c) Activate the Allow Remote Login Access Checkbox
- d) Limit to: Specify the License Key IDs of one or more QUADOA[®] licenses installed on the license server machine you want to grant access to "User 1". A remote machine with the identity string can only access licenses from those protection keys. To see the License Key IDs, switch to the Sentinel Keys Tab in the ACC. To add more than one License Key ID, separate the IDs by pressing the "Enter" button on your keyboard.
- e) Maximum Number of Auto-registered Machines: Select the number of different machines that can register with the identity string. If the number is set for example to 2, "User 1" can register with same identity string on 2 different machines (e.g. for a machine working at company and for a machine working at home).
- f) *Expiration Date:* Set to Never Expires or set a specific date if the client identity should expire on a specific date.
- g) Click on Save

| ← → C O localhost:1947/_int_/identities.html?id_mode=add | | | | | | | |
|--|---|---|--|--|--|--|--|
| Sentinel Admin Control Center | | | | | | | |
| | Configuration Host Name: laptop-9rnc51uo | | | | | | |
| Sentinel Keys | Add Client Identity | | | | | | |
| Products | * Issued to: Identity String: | User 1 LOCCGNH oBWAAQCBEOxw8hhDS2Q+FJOPZMk1N3o Copy Identity String Copy as URL | | | | | |
| Features | Allow Remote Login Access: Allow Remote Detach Access: | | | | | | |
| Sessions | Allow Concurrency for Detached Licenses: * Limit to: | Enter the specific license key ID/IDs | | | | | |
| Update/Attach | * Maximum Number of Auto-registered Machines: | ✓ | | | | | |
| Access Log | Expiration Date: | Days Vever Expires | | | | | |
| Configuration | | Save | | | | | |

Figure 3: Add Client Identity

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B) On the end-user client machine do following steps:

- 5. On the end-user client machine open the Sentinel Admin Control Center using the address in your web browser http://localhost:1947/
- 6. Switch to Configuration and go to the Access to Remote License Managers Tab.
- 7. Check the Allow Access to Remote Licenses checkbox
- 8. Insert the identity string that was generated in step 4 b)

| 100 Thales Sentinel ACC: Configur | ratic X | | | | | | |
|---|---|--|------------|---------------------------------------|---|--|--|
| \leftrightarrow \rightarrow C () localhost | :1947/_int_/config_to.html | | | | | | |
| Sentinel Admi | n Control Cente | er | | | | | |
| | Configuration Hos | Configuration Host Name: desktop-q7i1q2r | | | | | |
| Sentinel Keys | Basic Settings | Users | | Access to Remote License Managers | Access from Remote Clients | | |
| Products | Allow Access to Remote L | icanses | 2 0 | You may experience a delay of a few m | inutes before your changes take effect. | | |
| Features | Broadcast Search for Ren Remote License Search F | note Licenses | 0 | | | | |
| Sessions | | | Ent | er the identity string that was gen | erated in step 4 b) | | |
| Update/Attach | | | | | | | |
| Access Log | | | | | | | |
| Configuration | | | Su | bmit Cancel Set Defaults | | | |
| Diagnostics | | | | | | | |
| | | | | | | | |

Figure 4: Access to Remote License Managers

- 9. Click on Submit
- 10. Afterwards the client end-user should have access to the specific license Key ID of QUADOA[®] Optical CAD specified for the identity string.