How to use BESA licenses on a local network

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How to use BESA licenses on a local network

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Purpose

This document contains the instruction how to configure access to Remote License Manager and from Remote Clients

Note: Valid version of this document is available in BESA Wiki (2 Licensing - BESA® Wiki). In case of any changes the document on BESA Wiki will be updated.

How to use BESA licenses on a local network

Important note: It is assumed that the same (latest) version of Sentinel runtime environment for BESA License Key (HASPUserSetup.exe, BESA License Key) is installed on "server machine(s)" (= machine(s) where the BESA License Key is attached) and on the "client machine(s)" (= machine(s) where BESA products should be used). Please note you will need administrator privileges to be able to proceed.

Configuration on "server machine(s)"

Configuration to be done on the machine(s) where the BESA License Key is attached.

- Open the Admin Control Center (ACC) in a browser of your choice, (internet connection is not required): http://localhost:1947.
- Open the "Access from Remote Clients" tab on the "Configuration" page: http://localhost:1947/_int_/config_from.html.
 Press the "Set Defaults" button, "All licenses are accessible without need of identity" becomes enabled, and hit "Submit".

Sentinel Admin (iontrol Center	🛛 Help
	Configuration Host Name	
Sentinel Keys	Basic Settings Users Access to Remote License Managers Access from Remote Clients Client Identities Detachable Licenses Network	
Products		
Features	Alow Access from Remote Clients Client Clients only Non-chood Iconses cannot be accessed. Client Clients Client Clients Client Clients Alow Access from Remote Clients Client Clients Alow Access from Remote Clients	
Sessions	Note: Regardless of the option selected, remote matchines using a client identity cannot access non-cloud licenses.	
Update/Attach	Public Address for Access With Identity and ACC @	_
Access Log	Public Port for Access With Identity	
Configuration 1	Store Identity Secrets	
Diagnostics	Access Restrictions	
	Show Recent Client Access The entries are evaluated in the order in which they are specified. As soon as a match is found, evaluation steps. allow-all is implicitly added to end of list	
	3 Submit Carcol 2set Defaults	

Configuration on "client machine(s)"

Configuration to be done on the machine(s) where the BESA products should be used.

- Open the Admin Control Center (= ACC) in a in a browser of your choice (internet connection is not required): http://localhost:1947.
- Open the "Access to Remote Clients" tab on the "Configuration" page: http://localhost:1947/_int_/config_to.html.

Press the "Set Defaults"	button and hit "Submit".
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Sentinel Ad	Sentinel Admin Control Center					🕑 Help	
	Configuration Hest Name:						
Sentinel Keys	Basic Settings Users Acces	s to Remote License Managers	Access from Remote Clients	Client Identities	Detachable Licenses	Network	
Products	Allow Access to Remote Licenses	🖬 🛛 You may exp	erience a delay of a few minutes before y	our changes take effect.			
Features	Broadcast Search for Remote Licenses Remote License Search Parameters	0					
Sessions							
Update/Attach							
Access Log							
Configuration		3 Submit Can	el 2 set Defaults				
Diagnostics							

• Enter the IP address of all server machines you want to access and press "Submit" again.

Sentinel <mark>Admi</mark> r	n Control Center	🔁 Help
	Configuration HostName	
Sentinel Keys	Basic Settings Users Access to Remote License Managers Access from Remote Clients Client Identifies Detachable Licenses Network	
Products	Allow Access to Remote Licenses 🛛 O You may experience a delay of a few minutes before your changes take effect.	
Features	Broadcast Search for Remote Licenses	
Sessions		
Update/Attach		
Access Log		
Configuration	Submit Cancel Set Defaults	
Diagnostics		

• On the "Sentinel Keys" page the accessible BESA license key(s) is (are) listed (can take some time)

Sentinel Admin Control Center					🛛 Help					
	Sentinel Keys Host Name.									
Sentinel Keys	Location	Vendor	Key ID	Key Type		Configuration	Version	Sessions	Actions	
Products	Local	DEMOMA - evaluation (37515)	,	Reserved for New SL Key		SL	9.12		Eingerprint	
Features	123.456.789.0	87128 (87128)	830740940	Sentinel HL NetTime 10	× E D	HASP	4.31		Browse Net Features	
Sessions										
Update/Attach										
Access Log										
Configuration										
Diagnostics										

How to use BESA licenses only locally

Important note: It is assumed that the same (latest) version of Sentinel runtime environment for BESA License Key (HASPUserSetup.exe, BESA License Key) is installed on "server machine(s)" (= machine(s) where the BESA License Key is attached) and on the "client machine(s)" (= machine(s) where BESA products should be used). Please note you will need administrator privileges to be able to proceed.

To restrict the use of the BESA licenses to your local computer, the following settings are required:

- Open the Admin Control Center (= ACC) in a browser of your choice, (internet connection is not required): http://localhost:1947.
- Open the "Access to Remote Clients" tab on the "Configuration" page: http://localhost:1947/_int_/config_to.html. Disable all options and delete all defined IP addresses, hit "Submit.

Sentinel Admin	Control Center	🛛 Help
	Configuration Host Name +	
Sentinel Keys	Basic Settings Users Access to Remote License Managers Access from Remote Clients Client Identifies Detachable Licenses Network	
Products	Allow Access to Remote Licenses 2 0 Vou may experience a delay of a few minutes before your changes take effect.	_
Features	Broadcast Search for Remote Licenses 3 0 Remote License Search Parameters	
Sessions	•	
Update/Attach		
Access Log		
Configuration	Submit Cancel Set Defaults	
Diagnostics		
	4	

- Create an empty text file in the BESA software directory (where the EXE file of the software is located, admin rights are required):
 - 32-bit version: C:\Program Files (x86)\BESA\<BESA Product _ Version number>\
 - 64-bit version: C:\Program Files\BESA\<BESA Product _ Version number>\
- Set the name of this text file to hasp_87128.ini, (e.g. C:\Program Files (x86)\BESA\Research_7_1\ hasp_87128.ini).
- Open the INI file and enter the following lines:

```
1 broadcastsearch = 0
```

```
2 serveraddr = 127.0.0.1
```

• Save the INI file.

• Start the BESA product you want to use.

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1	Fri, Oct 6, 2023, 09:46:17 AM	>> *Action: approve, MK, Approval: QM Approval (State: QM Approval, Fri, Oct 6, 2023, 09:46:17 AM)	None

Attachments

Attachment Description	
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N/A	N/A

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