Metric licensing with Sentinel HASP HL:

CAUTION: Failure to follow the instructions below may result in your computer requiring a completely new installation!

Technical principle

The Metric software (version 9.03, as of December 2022) can be licensed via hardware locks ("dongels") from Thalesgroup (formerly Gemalto, before that Aladdin). For this purpose, a dongel (identifier KCMAZ for local or RBXED for network) is addressed from Metric either locally or via a network. The Metric software uses the library haspvb32.dll for this purpose. If the correct licensing is found in the hardware key and in case of network keys the necessary number of licenses, which can be active at the same time, the Metric program starts.

Driver versions

As of December 2022, the latest driver version is 8.53. **This driver is NOT suitable for the Metric.** The latest driver for support is 7.92. This version has been tested by us. The Thalesgroup technical documentation explicitly states that there was a massive change with the 8 version, so certain licensing types are no longer supported.

CAUTION:

Once the 8.53 driver is installed, the 7.92 cannot be installed again without a lot of effort. One cannot simply uninstall the 8.53, but must manually remove the files and clean up the Windows registry. This poses a significant risk to the functionality of the entire system.

Driver installation

In the subdirectory HASP is the file HASPUserSetup.exe with date 04/30/2019 in version 7.92.28470.60000. This file must be started with admin rights and installs the drivers. Afterwards, the Metric software is ready for use.

Diagnosis

To check the installation, the address localhost: 1947 can be called in any browser. The program Diagnose.exe in the Metric program path can provide additional information.

gemalto

Sentinel Admin Control Center

Diagnose für Sentinel License Manager auf entwicklung7

Optionen

Sentinel-Keys
Produkte
Features
Sitzungen

Aktualisieren/
  Einbinden

Zugriffsprotokoll
Konfiguration
Diagnose

Hilfe
Info

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中文

License Manager Version	**22.2 Build 88224**	
Computername	entwicklung7 (PID:7824 on Win64)	ID-Datei erstellen
Betriebssystem des Hosts	**Windows 10 Enterprise Build 19044** Intel64 Family 6 Model 42 Stepping 7	
LM-Protokolle	**IPv4, IPv6 (TCP und UDP am Anschluss 1947)** 172.24.32.1, 192.168.2.20, 2a02:8108:2a3f:e6bc:bba3:42e9:1b53:a762	
Betriebszeit	**0 Tage 0 Stunden 7 Minuten 10 Sekunden**	
Vorlagensätze	**_int_,de.13.0.alp,es.13.0.alp,fr.13.0.alp,it.13.0.alp,ja.13.0.alp,ru.13.0.alp,zh-CN.13.0.alp**	
Aktuelle Vorlage	**German 13.0 (3 April 2019 Build 88457)**	
Aktuelle Nutzung	**0 Anmeldungen, 0 Sitzungen**	
Anmeldeanfragen	**0 (0 Höchstzahl gleichzeitiger Anmeldungen)**	
Anfragen	**0 lokal, 0 Remote, 0 insgesamt**	
Datenvolumen	**90,371 erhalten, 642,719 übertragen**	
Fehler	**0 Key-bezogen, 0 im Transport**	
Client Threads	**1 (3 Höchstwert), 3 in den letzten 10 Sekunden, 5ms 90., 0% Verwendung**	
Belegter Speicher	**5,311,119 (3,297 Blöcke)**	
Laufzeit	**Run-time Installer** **0.0**	
	Run-time Package **0.0**	
	aksusb.sys **3.44**	
	akshhl.sys **1.27**	
	aksclass.sys **1.32**	
	akshasp.sys **4.26**	
	hardlock.sys **3.93**	
	fridge_lib **1.8**	
	aksfridge.sys **1.80**	

Bericht erstellen

Hilfe Oben