

Krux API Service Setup

Version 1.0.0

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Create API Service Account in KruxMetrix

- Login to KruxMetrix using account with Administrator privileges.
- Navigate to Settings -> Users.
- Press Add User button which will open the New User page.
- On the New User page, check the Service Account" checkbox and enter the required fields. Click Save to continue.

Consider Assessment Toma	
Service Account Type	
API Service Account	~
Company	
Select Company	~
Account Name	
Password	

Configure API in KruxMetrix

- Navigate to Settings -> API Configuration
- Choose the Add button which will open Add API Configuration popup.

Company	
Service Account	
	•
Update Frequency	
	```````````````````````````````````````
Error Notification Email Address	



- Configure the API by providing the entering the following fields and click Save:
  - Configuration Name Choose a unique and descriptive name.
  - Company Chose Division which data will be exported from. If you chose a parent company and data from it's children will be included.
  - Service Account Choose the API Service Account that will be used for authentication for the Krux API Service
  - Update Frequency Choose how often the Krux API Service will check for updated data
  - Error Notification Email Address Choose email address to receive error notifications

On the API Configuration page press the Download Krux API Service button to download files to setup database and install the service.

### **Database Preparation**

In order to store the exported data, a new MS SQL database will need to be created:

- Create new database named KruxAPIExport to host the exported data.
- Open the Krux Export API Table Creation.sql file and execute the script to create the tables for storing the export.
- Open the Krux Bulk Admin Create.sql and execute the script to create a new SQL Account with bulkadmin privileges. Script has the following default values that can be edited as you see fit:
  - User: APIUser
  - Password: APIUserPassword



## Installing the Krux API Service

- Open KruxAPIService.msi file to start installation and follow instructions
- On Account Information enter the following information:

Krux API Service Setup	×
Account Information Please enter your service account info	rmation
Krux Account Service Account:	Database Configuration <ul> <li>Database Account:</li> <li>Database Password:</li> </ul>
Configuration Name:	Database IP Address:
	Back Next Cancel

- Service Account Account Name for API Service Account.
- Password Password for API Service Account.
- Configuration Name Enter the unique name of the configuration.
- Database Account Name for SQL account. If not changed, default is APIUser.
- Database Password Password for SQL account. If not changed, default is APIUserPassword.
- Database IP Address IP Address for the server where KruxAPIExport database is located.
- DB Name KruxAPIExport, unless you chose to use a different name.
- On Choose Setup Type select
  - Typical or Complete Saves files in C:\Program Files (x86)\Krux Analytics\WorkerService
  - Custom Saves files in designated location



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Choose Setup Type				
Choose the setup type that best suits your n	eeds -	_	A	-
Lypical				
Installs the most common program	features. Reco	mmended for mo	st users.	
Custom				
Allows users to choose which progr	am features wi	ll be installed and	d where	
they will be installed. Recommended	d for advanced	users.		
Complete				
All program features will be installer	d. Requires the	most disk space		
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Follow instructions to complete installation



## Updating Krux API Service Configuration

- Navigate to C:\Program Files (x86)\Krux Analytics\Krux API Service or alternative location Krux API Service was saved during installation
- Update configuration values in appSettings.json
- Open Task Manager, select Services tab, right-click on KruxAPIService and select Restart

Processes Performance Ap	p history	Startup Users Details Services		
Name	PID	Description	Status	Group
lovlatCfoSvc		IP Translation Configuration Service	Stopped	LocalSystemN
C Keviso	1020	CNG Key Isolation	Bunning	cocasystem
C KnuxAPIService	1020	Krux API Service	Stopped	
KtmRm		KtmRm for Distributed Transaction Coordinator	Stopped	NetworkServic
LanmanServer	4672	Server	Running	netsvcs
LanmanWorkstation	4120	Workstation	Running	NetworkService
G Ifsvc	14192	Geolocation Service	Running	netsvcs
LicenseManager	8540	Windows License Manager Service	Running	LocalService
Iltdsvc		Link-Laver Topology Discovery Mapper	Stopped	LocalService
Imhosts	7532	TCP/IP NetBIOS Helper	Running	LocalServiceN
LSM	1144	Local Session Manager	Running	DcomLaunch
LxpSvc		Language Experience Service	Stopped	netsvcs
MapsBroker		Downloaded Maps Manager	Stopped	NetworkService
MessagingService		MessagingService	Stopped	UnistackSvcGr
MessagingService_7c7da		MessagingService_7c7da	Stopped	UnistackSvcGr
MixedRealityOpenXRSvc		Windows Mixed Reality OpenXR Service	Stopped	LocalSystemN
mpssvc	3276	Windows Defender Firewall	Running	LocalServiceN
A MSDTC		Distributed Transaction Coordinator	Stopped	
Siscsi 🔍		Microsoft iSCSI Initiator Service	Stopped	netsvcs
a msiserver		Windows Installer	Stopped	
🔍 NaturalAuthentication		Natural Authentication	Stopped	netsvcs
🔍 NcaSvc		Network Connectivity Assistant	Stopped	NetSvcs
KobService	1648	Network Connection Broker	Running	LocalSystemN
🔍 NcdAutoSetup		Network Connected Devices Auto-Setup	Stopped	LocalServiceN
🔍 Netlogon		Netlogon	Stopped	
🔍 Netman	15120	Network Connections	Running	LocalSystemN
🔍 netprofm	3016	Network List Service	Running	LocalService
RetSetupSvc		Network Setup Service	Stopped	netsvcs
🔍 NetTcpPortSharing		Net.Tcp Port Sharing Service	Stopped	
Superior Network Network		Microsoft Passport Container	Stopped	LocalServiceN
NacSvc		Microsoft Passport	Stopped	LocalSystemN

## Troubleshooting

Log files are located in C:\logs\kruxapi

