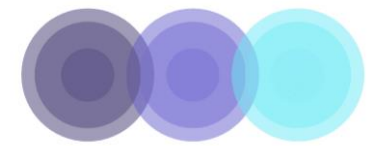




05 December 2020

API Export / Import.

Saurav Dhyani  
<https://www.sauravdhyani.com/>



#bcopendiscussion

# Where Do I Register?

- Register Here –  
<https://bit.ly/bc.opendiscussion>

- Meeting Attendees –

*If you would like to be default attendee for future meeting please drop your name & Email address in chat during meeting.*

Home Contact Me About Business Central Links. Upcoming - NAV Webinars

## Upcoming - NAV Webinars

Hi All,

This page will have links for Next Meeting and also Recording of Past meetings.

If you want to be a presenter in one of these meetings please comment on this page or send me an email and I will be happy to be helped.

### Next Meeting -

*\*\* If you have opted in to receive invite every time during last meetings you don't need to register.*

- Registration Link. (\*\* Registration Ends on 09<sup>th</sup> Oct. 2020 - 03:00 PM IST)
- Topic - Upgrade process Introduction.
- Please send your Question using this link.

### Past Meeting Recordings -

1. Meeting 02 - July 04 2020 - Recording Link
2. Meeting 03 - July 11 2020 - Recording Link
3. Meeting 04 - July 18 2020 - Recording Link
4. Meeting 05 - July 25 2020 - Recording Link
5. Meeting 06 - Aug 01 2020 - Recording Link
6. Meeting 07 - Aug 08 2020 - Recording Link
7. Meeting 08 - Aug 15 2020 - Recording Link
8. Meeting 09 - Aug 22 2020 - Recording Link
9. Meeting 10 - Aug 29 2020 - Recording Link
10. Meeting 11 - Sep 05 2020 - Recording Link
11. Meeting 12 - Sep 12 2020 - Recording Link
12. Meeting 13 - Sep 19 2020 - Recording Link. (File Import/Export - BCSaaS)
13. Meeting 14 - Sep 26 2020 - Recording Link. (Introduction To Automated Testing)
14. Meeting 15 - Oct 03 2020 - Recording Link.
15. Meeting 16 - Oct 10 2020 - Recording Link. (Upgrade Process - Introduction).



#bcopendiscussion



#bcopendiscussion

# Question 70

Aniket

We have upgraded to BC SAAS from NAV 2016 custom database.

Steps done:

1. Upgrade to BC on-premises with customer functionality.  
Only fields we took as even keys in NAV version were causing data deletion.
2. Creation of replica tables for all customized data storage.
3. Custom extension with customization of client.
4. Upgrade Codeunit to transfer data from CAL to AL extensions.

Then once whole process is done cleaned the replica tables data and connected to cloud.

Do you follow the same approach?

Any specific tool you use to upgrade data on extension level data transfer?



Approach link which I referred: - <https://jackmallender.com/2019/02/26/how-to-migrate-business-central-data-from-c-al-to-al/>





#bcopendiscussion

# Question 71

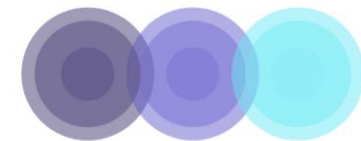
Aniket

client is having integration with their country tax Portals which has code of encryption and decryption which is advance then the encryption management we have in current state of NAV like GST E-invoicing integration in india where a certificate has to be read to get a key and then you get token and that all sort of activities to submit an invoice are being performed by DLL and data from multiple platforms and there insertion and response too and some interface totally created by dotnet DLLs to achieve functionality like word document merging and email queue, So everything is C# and it is all automate by job queue.

How much of help can be Azure functions to achieve those functionality but as they are chargeable also or any replacement or suggestions like use java script add-in to work but not sure there feasibility with job queue.

So what will you suggest?.





#bcopendiscussion

# Question 67

Tanya

File import or export over API/web service.

- For Old Version. (Using TempBlob Table)
- API.
- Sending Data Out.





#bcopendiscussion

## Parameters

APIVersion	EntityName
APIPublisher	EntitySetName
APIGroup	OdatakeyFields

# API Page.

SaaS -

- [https://api.businesscentral.dynamics.com/v1.0/<user domain name>/api/<API publisher>/<API group>/<API version>/companies\(<company id>\)/<entitySetNames>](https://api.businesscentral.dynamics.com/v1.0/<user domain name>/api/<API publisher>/<API group>/<API version>/companies(<company id>)/<entitySetNames>)

Sandbox –

- [https://api.businesscentral.dynamics.com/v1.0/<sandboxtenantid>/sandbox/api/<ApiPublisher>/<Api Group>/<ApiVersion>/companies\(<companyid>\)/<entitySetNames>](https://api.businesscentral.dynamics.com/v1.0/<sandboxtenantid>/sandbox/api/<ApiPublisher>/<Api Group>/<ApiVersion>/companies(<companyid>)/<entitySetNames>)

On-Prem / Docker -

- [http://<containername>:<port>/<servicename>/api/<APIPublisher>/<ApiGroup>/<ApiVersion>/companies\(<companyid>\)/<entitySetNames>](http://<containername>:<port>/<servicename>/api/<APIPublisher>/<ApiGroup>/<ApiVersion>/companies(<companyid>)/<entitySetNames>)



#bcopendiscussion

## API URL.

<http://bc171ussandbox:7048/bc/api/sauravdhyani/demo/v1.0/companies>

[http://bc171ussandbox:7048/bc/api/sauravdhyani/demo/v1.0/companies\(264f8dd2-4a2a-eb11-bb4f-000d3a25f2a9\)/apiattachments](http://bc171ussandbox:7048/bc/api/sauravdhyani/demo/v1.0/companies(264f8dd2-4a2a-eb11-bb4f-000d3a25f2a9)/apiattachments)

```
1  page 50002 APIAttachment
2  {
3      PageType = API;
4      Caption = 'apiattachments';
5      APIVersion = 'v1.0';
6      APIPublisher = 'sauravdhyani';
7      APIGroup = 'demo';
8      EntityName = 'apiattachment';
9      EntitySetName = 'apiattachments';
10     ODataKeyFields = SystemId;
11     SourceTable = "SDH API Attachment";
12     Extensible = false;
13     DelayedInsert = true;
14     layout
15     {
```

# DEMO

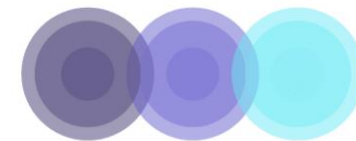
---



#bcopendiscussion







#bcopendiscussion

# THANK YOU!

Saurav Dhyani

Website - [www.sauravdhyani.com](http://www.sauravdhyani.com)

Email - [postsaurav@gmail.com](mailto:postsaurav@gmail.com)

Facebook - [@SauravMSDYN365BC](https://www.facebook.com/SauravMSDYN365BC)

Twitter - [@SauravDhyani](https://twitter.com/SauravDhyani)

YouTube - [SauravDhyani](https://www.youtube.com/SauravDhyani)