

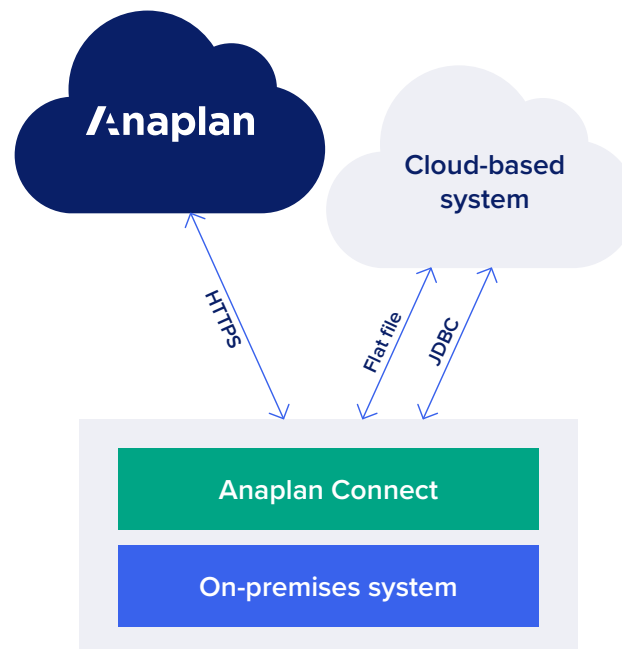
# Anaplan Connect

Streamline and automate Anaplan integrations

Anaplan's vision for an open and extensible platform comprises a wide range of tools, scripts, and utilities that empower teams to seamlessly integrate data across different systems and arrive at impactful business decisions.

Anaplan Connect is an on-premises Java utility that automates and runs integration scripts for imports and exports. Users can install it on a dedicated computer or server behind their network firewall and begin to write and execute integration scripts. Anaplan Connect is flexible, having scripts that can be scheduled using either a user's primary operating system or a third-party scheduler.

Anaplan Connect now supports Anaplan read and write-back Transactional APIs, enabling users to unlock more intuitive and responsive data integrations within Anaplan models. The incorporation of these APIs allows direct access to Anaplan lists, eliminating the need to manually create and maintain model actions.



## Key benefits

**An easily deployable tool that serves as a foundation for data integrations**

- Simple download and set-up process, allowing users to start importing and exporting data in minutes.
- Provides users with a lightweight tool to automate integration tasks.
- Empowers users to perform important data integration tasks within a short period of time.

## Adaptability to external tools

- Ability to set-up and automate data uploads and downloads via third-party scheduling tools.
- Connect to on-premise and cloud solutions with Anaplan Connect's support for JDBC driver-based integrations.

## Flexibility to build on top of templated scripts

- Comes with easy to access templates so users can start running imports and exports within minutes.
- Expand script functionality by experimenting with your own and customizing it to fit your needs.
- Supports Anaplan's growing list of API capabilities.

## Key features

- Supports Anaplan Transactional APIs for directly reading data from views and lists, and without needing to setup export actions.
- Incorporates Anaplan write-back Transactional APIs to add, update and delete List items without import or delete actions.
- Ability to execute Anaplan actions such as import, export, delete, and process.
- Ability to query Anaplan system metadata for workspaces, models, modules, and views giving users clearer insight on the entire Anaplan ecosystem and allowing them to easily maintain their models.
- Support for flat files and JDBC sources and targets in Anaplan data integrations.
- Provides enhanced security by supporting CA certificates for authentication.
- Support for names of workspaces & models within Anaplan Connect Integration Scripts through Anaplan's Transactional APIs. Utilizing the names will reduce setup time for integrations and allow for seamless maintenance of these scripts.

```

i15-MacBook-Pro-examples i15aners@:~/demo_list_modules$ cd
~/AnaplanClient.sh -debug -service https://api.anaplan.com -auth https://auth.anaplan.com workspace "Chanaveer Kadapatti" model "Public Cloud Spend Planning" -views
Absolute path to JAVAB or JAVA11 or OpenJDK executable not provided. Will attempt to figure out path from JAVA_HOME or which command...
Found Java executable from JAVA_HOME...
Java 8 found!
Java 8 found!
i15-MacBook-Pro-examples i15aners@:~/demo_list_modules$ java -jar -Djava.class.path=~/AnaplanClient.jar
2021-05-05 22:34:28 DEBUG [c.a.client.Program :1528] | 55394 |--
2021-05-05 22:34:28 DEBUG [c.a.client.Program :1529] | 55394 |-- Anaplan Connect 1.4.4
2021-05-05 22:34:28 DEBUG [c.a.client.Program :1533] | 55394 |-- Java HotSpot(TM) 64-Bit Server VM (Oracle Corporation/) (25.221-b11/)
2021-05-05 22:34:28 DEBUG [c.a.client.Program :1534] | 55394 |-- (Mac OS X86_64/J28.14.6)
2021-05-05 22:34:28 DEBUG [c.a.client.Program :1536] | 55394 |--
-----
Username:chanaveer.kadapatti@anaplan.com
Password:
2021-05-05 22:34:30 INFO [c.a.client.Service :302] | 55394 |-- Initializing Service...
2021-05-05 22:34:30 INFO [c.a.BasicAuthenticator:24] | 55394 |-- Authenticating via Basic...
2021-05-05 22:34:40 INFO [c.a.client.Program :852] | 55394 |-- Module_ID Module_Name View_ID View_Name
2021-05-05 22:34:41 INFO [c.a.client.Program :858] | 55394 |-- 102000000481 SYS State Forecast Message 102000000481 default
2021-05-05 22:34:42 INFO [c.a.client.Program :858] | 55394 |-- 102000000447 SYS Alerts 102000000447 default
2021-05-05 22:34:42 INFO [c.a.client.Program :858] | 55394 |-- 102000000453 SYS Cost Center 102000000453 default
2021-05-05 22:34:42 INFO [c.a.client.Program :858] | 55394 |-- 102000000450 SYS Cost Center 102000000450 Cost Center Load - Refresh Keep
2021-05-05 22:34:43 INFO [c.a.client.Program :858] | 55394 |-- 102000000450 SYS Default Forecast Key 102000000450 default
2021-05-05 22:34:43 INFO [c.a.client.Program :858] | 55394 |-- 102000000450 SYS Default Forecast Key 102000000450 Set Default key
2021-05-05 22:34:44 INFO [c.a.client.Program :858] | 55394 |-- 102000000154 SYS Delete 102000000154 default
2021-05-05 22:34:44 INFO [c.a.client.Program :858] | 55394 |-- 102000000154 SYS DeleteConcatKey 102000000154 default
2021-05-05 22:34:44 INFO [c.a.client.Program :858] | 55394 |-- 102000000210 SYS DT Price 102000000210 default
2021-05-05 22:34:44 INFO [c.a.client.Program :858] | 55394 |-- 102000000210 SYS DT Price 102000000210 Data
2021-05-05 22:34:45 INFO [c.a.client.Program :858] | 55394 |-- 102000000224 SYS EC2 EBS Price 102000000224 default
2021-05-05 22:34:45 INFO [c.a.client.Program :858] | 55394 |-- 102000000200 SYS EC2 Instances Price 102000000200 default
2021-05-05 22:34:46 INFO [c.a.client.Program :858] | 55394 |-- 102000000225 SYS EC2 IOPS Price 102000000225 default
2021-05-05 22:34:47 INFO [c.a.client.Program :858] | 55394 |-- 102000000475 SYS EC2 SavingsPlans Price 102000000475 default
2021-05-05 22:34:48 INFO [c.a.client.Program :858] | 55394 |-- 102000000211 SYS S3 Price 102000000211 default
2021-05-05 22:34:48 INFO [c.a.client.Program :858] | 55394 |-- 102000000250 SYS Filter Top Services 102000000250 default
2021-05-05 22:34:48 INFO [c.a.client.Program :858] | 55394 |-- 102000000337 SYS Forecast Tag Value 102000000337 default
2021-05-05 22:34:48 INFO [c.a.client.Program :858] | 55394 |-- 102000000337 SYS Forecast Tag Value 135200000000 Load Map Key L2
2021-05-05 22:34:48 INFO [c.a.client.Program :858] | 55394 |-- 102000000470 SYS Forecast Tag Group 102000000470 default
2021-05-05 22:34:49 INFO [c.a.client.Program :858] | 55394 |-- 102000000470 SYS Forecast Tag Group 170200000000 Load Map Key L1
2021-05-05 22:34:50 INFO [c.a.client.Program :858] | 55394 |-- 102000000340 SYS Flat Time Version Management 102000000340 default
2021-05-05 22:34:50 INFO [c.a.client.Program :858] | 55394 |-- 102000000165 SYS Forecast Concat Key 102000000165 default
2021-05-05 22:34:50 INFO [c.a.client.Program :858] | 55394 |-- 102000000165 SYS Forecast Concat Key 921000000000 TABLE
2021-05-05 22:34:50 INFO [c.a.client.Program :858] | 55394 |-- 102000000165 SYS Forecast Concat Key 921000000001 Debug rollups
2021-05-05 22:34:50 INFO [c.a.client.Program :858] | 55394 |-- 102000000165 SYS Forecast Concat Key 921000000002 Missing Mappings
i15-MacBook-Pro-examples i15aners@:

```

```

1 #!/bin/sh
2 # For MAC OS : This example explains the usage of basic Authentication with Anaplan Connect.
3 # It also loads a source text file and runs an Anaplan import into a module.
4 # For details of how to configure this script visit https://help.anaplan.com/anapedia/Content/Downloads/DL_Downloads.html
5
6
7 AnaplanUser=""
8 WorkspaceId="Chanaveer Kadapatti"
9 ModelId="Public Cloud Spend Planning"
10 ServiceUrl="https://api.anaplan.com"
11 AuthUrl="https://auth.anaplan.com"
12 ImportName="My Import Action"
13 FileName="File Name In Import Data Source"
14 FilePath="File Path on the Client"
15 ChunkSize=1
16 ErrorDump="My Import Error Dump Location on the client"
17
18 Operation="-debug -service ${ServiceUrl} -auth ${AuthUrl} -workspace \"${WorkspaceId}\" -model \"${ModelId}\" -views
19 #Operation="-debug -service ${ServiceUrl} -auth ${AuthUrl} -workspace ${WorkspaceId} -model ${ModelId} -chunkSize ${ChunkSize} -file
20 ' ${FileName}' -put ${FilePath} -import \"${ImportName}\" -execute -output \"${ErrorDump}\" "
21
22
23 # _____ Do not edit below this line _____
24
25 if [ "${AnaplanUser}" ]; then
26   Credentials="-user ${AnaplanUser}"
27 fi
28
29 echo cd "dirname "$@"
30 cd "dirname "$@"
31 if [ ! -f ../AnaplanClient.sh ]; then
32   echo "Please ensure this script is in the same directory as AnaplanClient.sh." >&2
33   exit 1
34 elif [ ! -x ../AnaplanClient.sh ]; then
35   echo "Please ensure you have executable permissions on AnaplanClient.sh." >&2
36   exit 1
37 fi
38
39 Command="../AnaplanClient.sh ${Credentials} ${Operation} "

```

## Get started with Anaplan Connect

Anaplan Connect was designed with customers in mind. It is free to download and use and is a quick way to run Anaplan integrations without barriers like Cloud middleware. Anaplan works with any scheduling tool:

1. Install on a dedicated computer.
2. Create data integration script to invoke export, import, process, delete actions. Also, invoke features such as reading Anaplan model metadata and querying model data without using actions.
3. Use public key certificate for authentication. Alternatively, use basic authentication for authenticating in Integrations.
4. Run the script, either manually, or by scheduling using native operating system or external scheduler.

## Key features and capabilities



### Enterprise scale

The Anaplan platform connects your entire enterprise, scaling as you grow and handling real-time changes at any size. Calculations stay consistent and rapid for all data sets and any number of users.

### Extensibility

The Anaplan platform collects and analyzes data in a single location, enabling both high-level and granular analyses and facilitating data-sharing with all stakeholders. APIs, ETL connectors, and built-in integrations easily communicate with other solutions.

### Planning and modeling

Our in-memory Hyperblock<sup>®</sup> engine enables multi-dimensional scenario modeling with unlimited constraints, allowing companies to model even the most complicated business scenarios and stay ahead of changes in the market. The platform maintains 100% consistency across all model changes.

### Engaging user experience

The Anaplan user experience puts the whole enterprise on a single platform. Model-building is intuitive and requires zero coding knowledge. The whole company shares real-time data across devices and solutions, enabling rapid decision-making and unprecedented flexibility.

### Security

Robust protection keeps your business's data safe. Best-in-class security and compliance include BYOK, role-based access control, user management, SSO support with SAML 2.0 compliance, and data encryption at rest.

### Intelligence

Embedded optimization including Optimizer<sup>™</sup>, over thirty predictive algorithms, and evolving AI capabilities transform complicated inputs into actionable recommendations. Machine learning intelligence speeds up decision-making across use cases.

## About Anaplan

Anaplan (NYSE: PLAN) is a transformative way to see, plan, and run your business. Using our proprietary Hyperblock<sup>™</sup> technology, Anaplan lets you contextualize real-time performance, and forecast future outcomes for faster, confident decisions. Because connecting strategy and plans to collaborative execution across your organization is required to move business FORWARD today. Based in San Francisco, we have 20 offices globally, 175 partners and more than 1,800 customers worldwide.

To learn more, visit [Anaplan.com](https://Anaplan.com)