

A black and white photograph of a long, straight road stretching into the distance. The road has a white dashed center line and a solid white edge line. The landscape is hilly with some vegetation and a fence line on the left. The sky is overcast with soft clouds.

Frame Test Drive Guide

Make the most of your Nutanix Frame Test Drive!

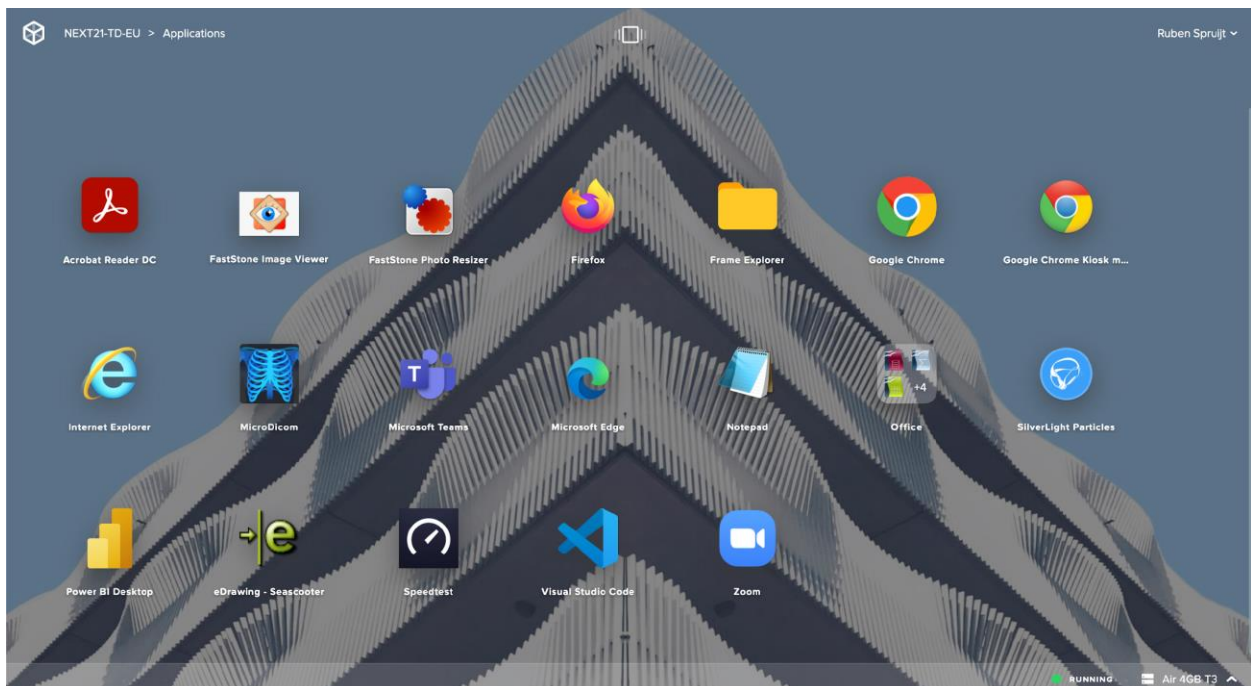
This guide will walk you through the most common tasks and workflows used to administer and use a Frame account. Your Test Drive account is already configured with a set of sample applications, so you can experience Frame right away. You'll also be able to add your own apps, invite users, customize settings, and much more. Just follow the steps below and we're sure you'll be amazed to see what you can do with Frame!

STEP 1: Sign in and run your first app

Once you've entered your account details and received your welcome email, you will receive another email notifying you when your Test Drive account is ready (about 15 minutes after the welcome email is sent).

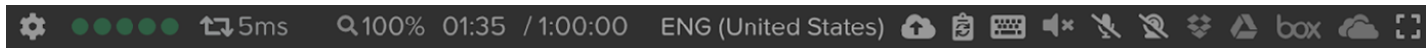
Note: Frame has a role-based access control system with a hierarchy that includes the Customer, Organization, Account, and end user levels. A full video walkthrough of user, admin, and super admin experiences can be found [here](#).

- ✓ **SIGN IN:** Go to the provided URL and sign in. Click through the terms of use and you'll arrive in what we call the "Launchpad", the interface to launch applications/desktop. You'll see a set of sample applications like the ones below:



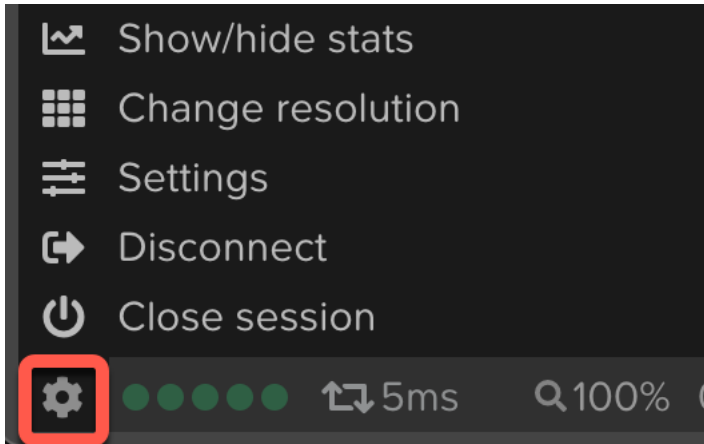
- ✓ **RUN AN APP:** Click on any app to launch your first Frame session. We've placed sample files in the "C:\MyData" folder for you, so open one and play around. Seascooter, Dicom, Speedtest, and Office are great sample applications.

Note the status bar at the bottom of your session which provides some user experience insights:

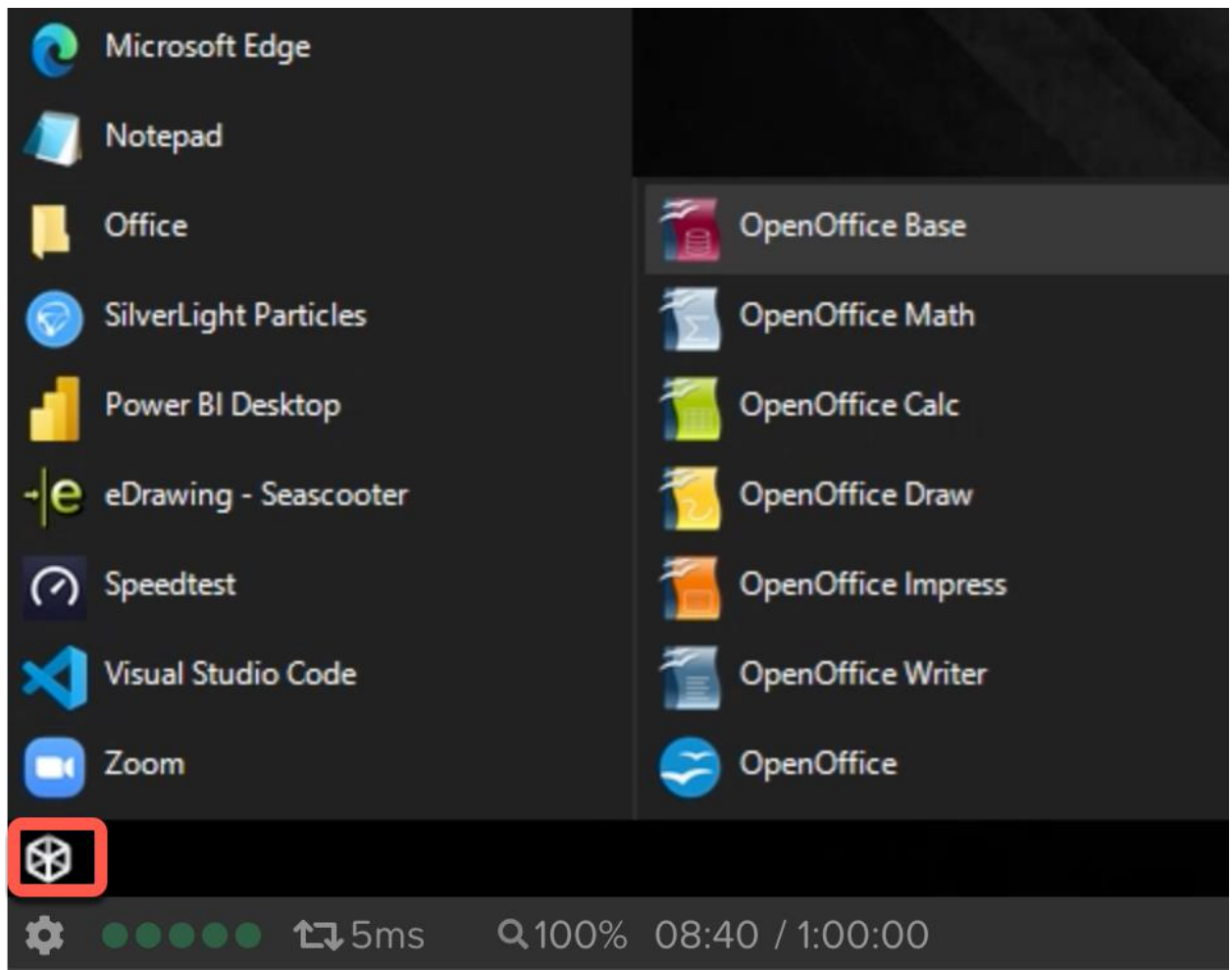


✓ **EXPLORE YOUR SESSION:**

Click the gear icon on the left to explore actions you can take in the session.



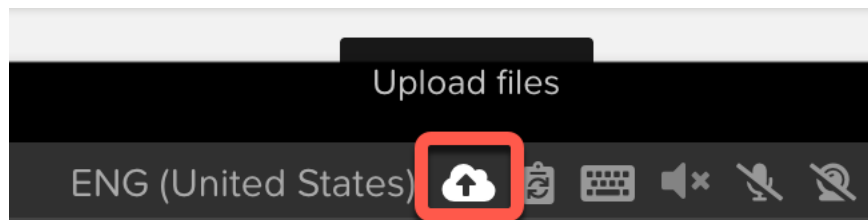
Click on the Frame icon above the gear menu which provides the ability to launch other apps. Hover over the other elements on the status bar to see what they do.



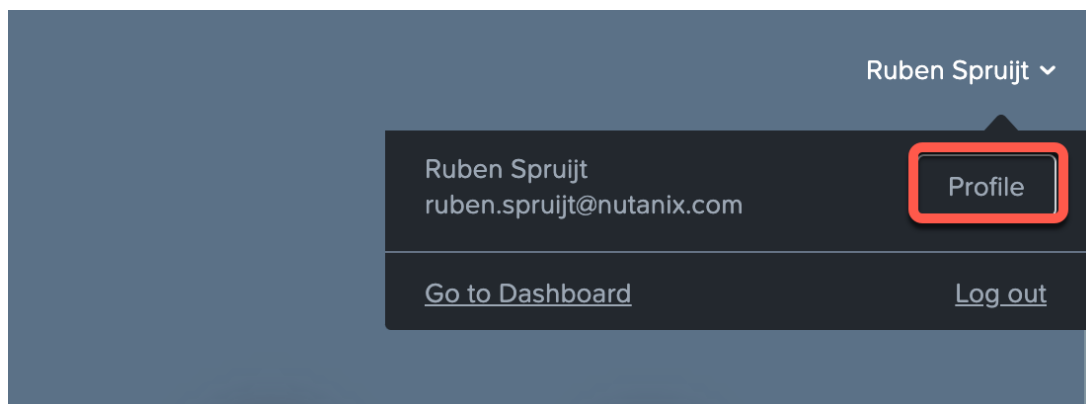
STEP 2: Work with your own files

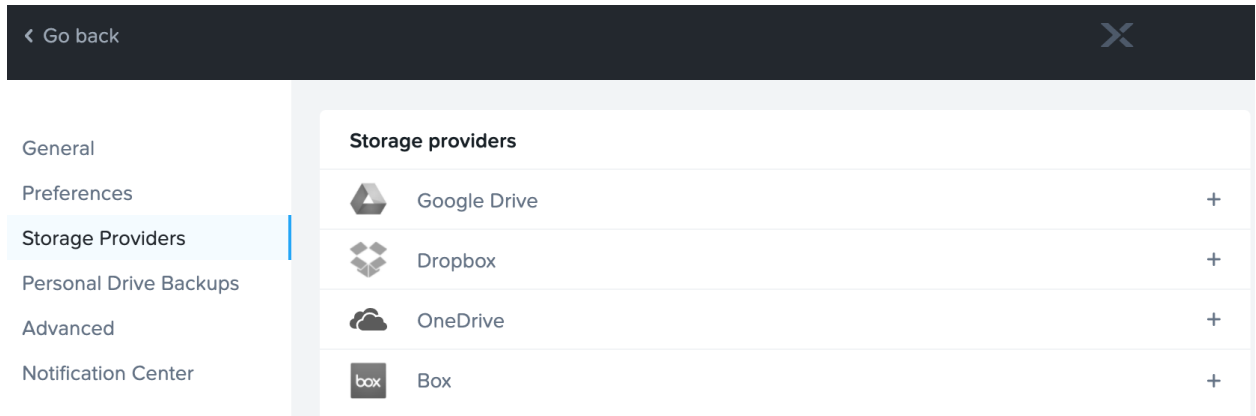
Although Frame does support persistent (personal) desktops, the session you are using is “stateless.” This means that any changes you make to the C: drive will not persist beyond your session. Platform features such as [Enterprise Profiles](#) can ensure user files and settings persist separately. In this step, we’ll show you a few options to work with your own files. Frame provides [many ways](#) for users to access various storage options.

- ✓ **UPLOAD/DOWNLOAD A FILE:** In the group of icons on the right side of the status bar, click on the cloud icon with the arrow to upload a file, or simply drag and drop any file onto the session window in your browser. You can open the file from the “Uploads” folder found in the Frame Explorer. When you’re done editing, simply save the file to the “Download Now” folder and it will land wherever your browser is configured to store downloads locally (e.g. “Downloads” folder).



- ✓ **ATTACH YOUR CLOUD STORAGE:** You can attach your cloud storage account to your Frame account with a simple, one-time process initiated from your Launchpad. Click on the gear icon in the session status bar and select “Disconnect” to temporarily leave your session. From the system menu (upper right corner of your Launchpad), click on your name and select “Profile” to navigate to your profile page. Select the “Storage provider” tab and click the plus symbol next to your preferred cloud storage provider. Sign in and follow the prompts to attach your storage.



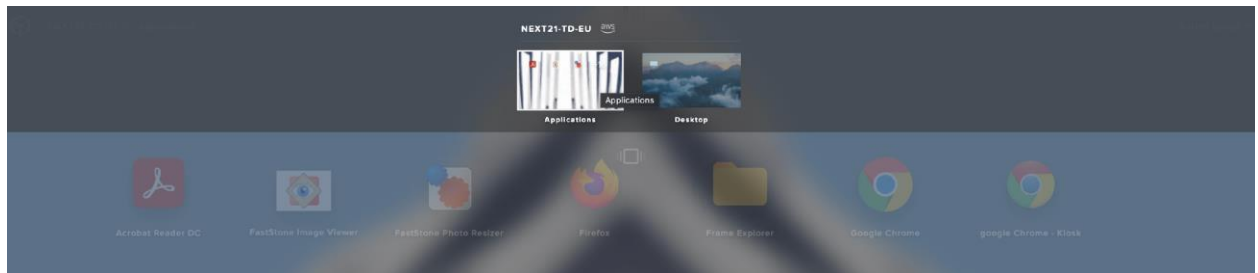
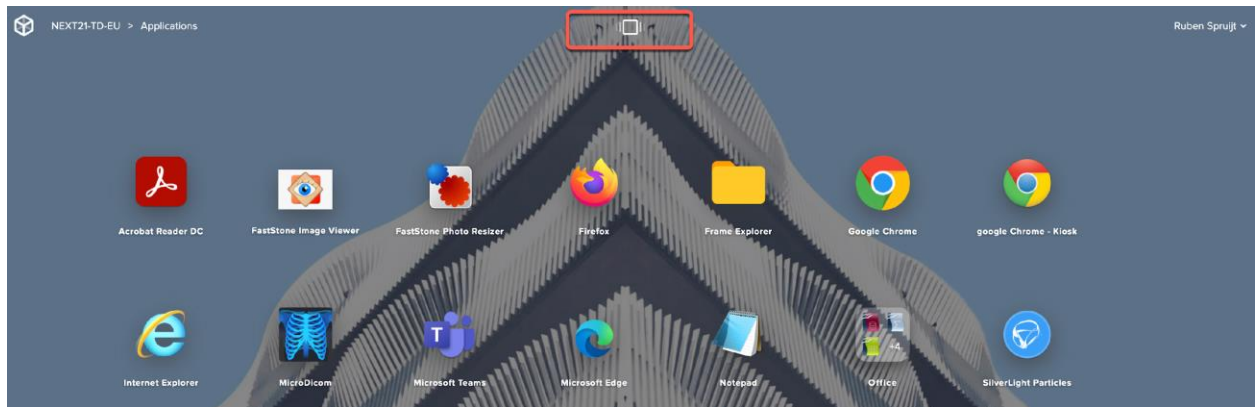


- ✓ **RESUME YOUR SESSION:** Hit "Resume" in the lower left corner of your Launchpad to go back to your session.



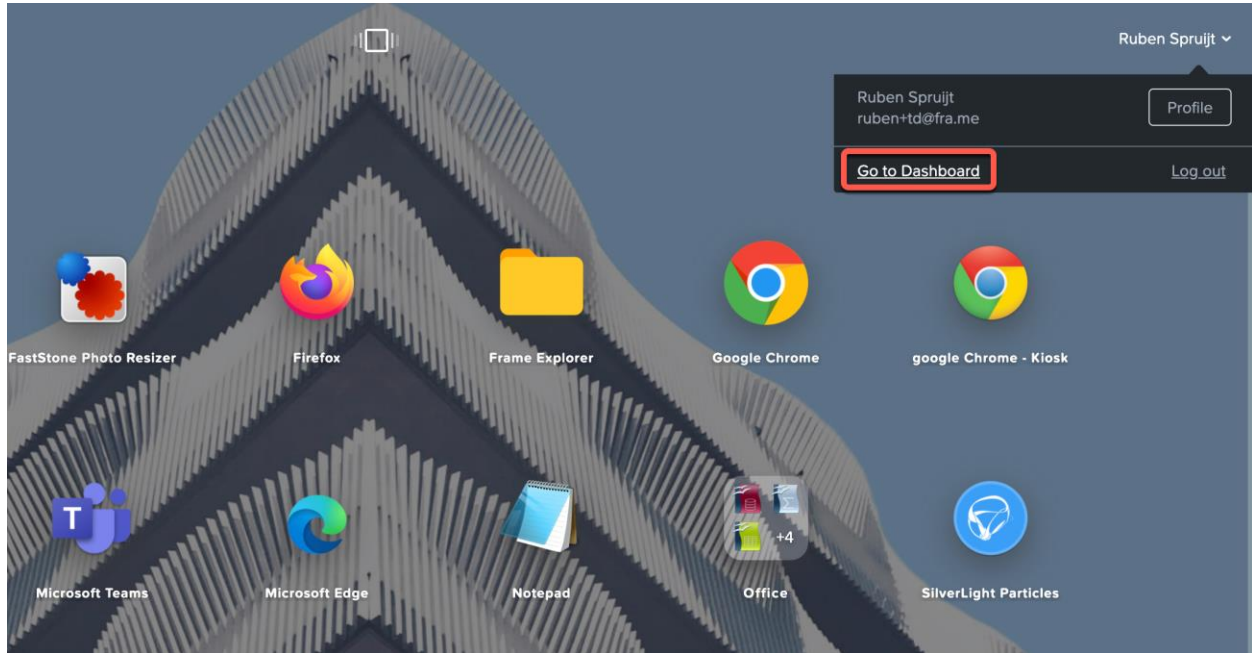
- ✓ **BROWSE FILES IN CLOUD STORAGE:** Now, when you browse your files using Frame Explorer or File Explorer, you'll see a network drive (e.g., F: Google Drive) which displays the files and folders in your cloud storage account. Note that the files aren't synced—only files you open are transferred temporarily to your session for use. Go ahead and open a file to try it out. Frame also provides 1-click cloud storage and native cloud storage solutions, you can read more about this [here](#).

- ✓ **SWITCH BETWEEN LAUNCHPADS:** Once logged in as a user, try switching between Launchpads. Just click the display icon located at the top of your Launchpad screen. Your account does have access to the 'Application' and 'Desktop' launchpads – providing access to 'published applications' via App Mode and a Full Windows Desktop interface via 'Desktop mode'.

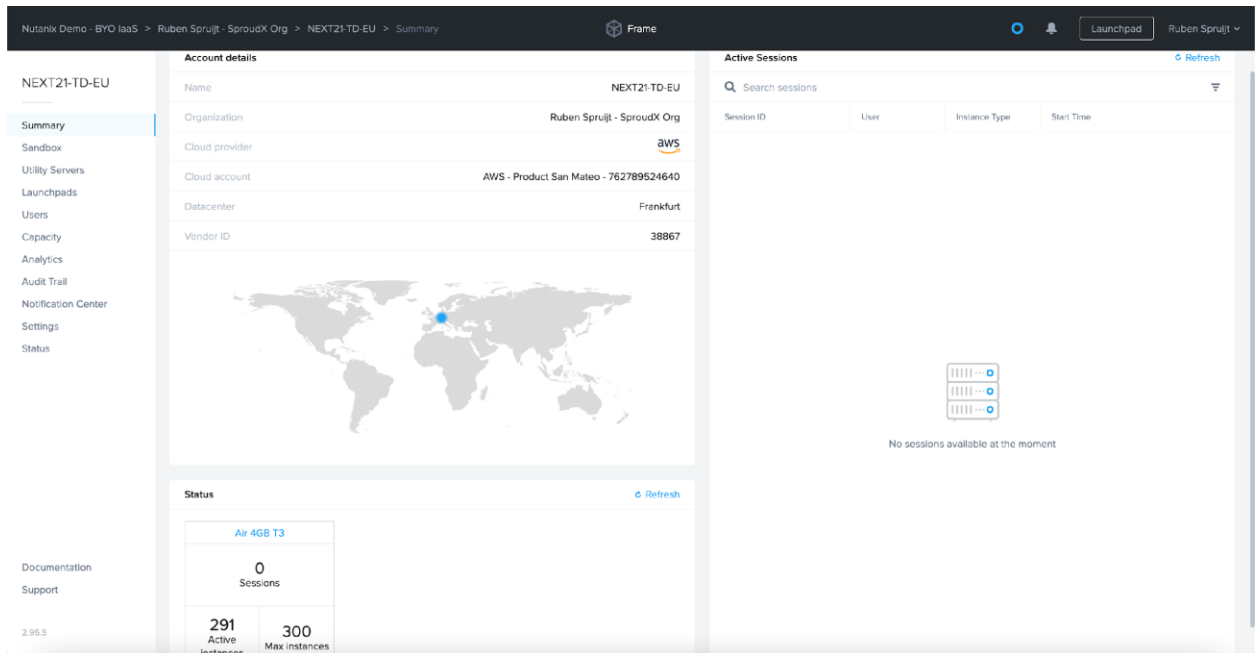


STEP 3: Explore the Admin Dashboard

In step 3, you will notice that you are provided with read-only access to the admin dashboard. The Dashboard is the interface used for day-to-day admin operations. Navigate to the system menu in the upper right corner of your Launchpad and select "Go to Dashboard."



- ✓ **ENTER YOUR SANDBOX:** You'll land on the "Summary" page of your Dashboard. Open the "Sandbox" tab right below the Summary page on the left side. Review the explanation of the Sandbox and then click the "Power On" link (or "Start Session" if your Sandbox is already powered on).



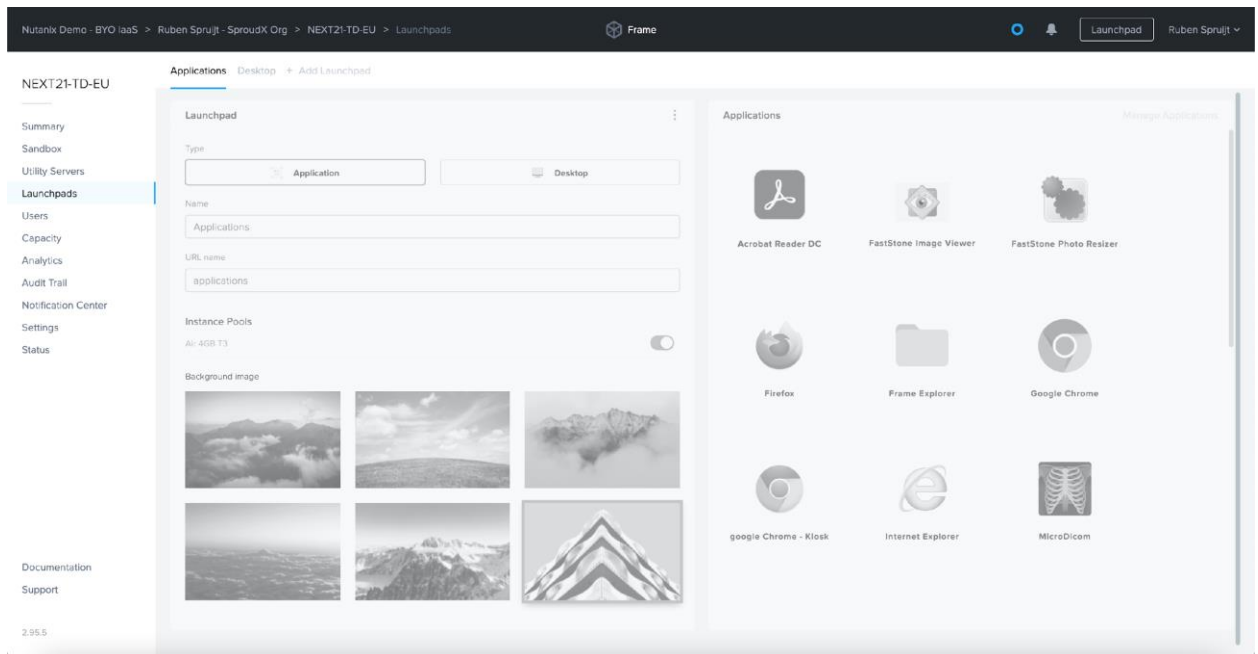
- ✓ **CHECK PRODUCTION CAPACITY:** Select “Capacity” from the menu on the left side of your Dashboard. Click on the “Air 4GB” tab and check that the “Max number of instances” setting is greater than 0 (under the “Default Capacity” section). Review the other settings and note their meaning below:

 - **Minimum:** instances that are powered, ready to accept sessions – useful if you know when a large number of users will sign on, such as the beginning of the work day.
 - **Buffer:** extra instances that are ready for a user within seconds. Set this to how many users will connect within any 1-2 minute time window during the course of the day.
 - **Max:** the maximum number of concurrent users you expect. As users connect to the buffer, Frame will scale automatically by booting more instances up to the max.

Note: Min and Buffer instances incur hourly usage whether users are connected or not. You can set both to 0 so instances will only boot on-demand (conserves usage, but users must wait ~2 minutes to start an app).

- ✓ **LAUNCHPAD APP LAYOUT:** From the left sidebar of the Dashboard, go to the “Launchpads” menu. Under the “Applications” section, you can change the order of the icons or drag and drop icons on top of one another to create folders and modify the Launchpad layout. Show or hide applications by clicking the “Manage applications” button.

- ✓ **LAUNCHPAD APPEARANCE:** Name, URL slug, and instance pool availability can be configured from the “Launchpad” section on this page. You can also change the background image from this page.



- ✓ **SESSION BEHAVIOR:** Go to the "Settings" page of the Dashboard and click on the "Session" tab to fine-tune the behavior of your sessions. Here you can choose to give your users access to cloud storage, toggle various features such as upload/download, configure session time limits, and even customize session QoS settings in the "Network" section. Click "Save" in the upper right corner after making any changes.

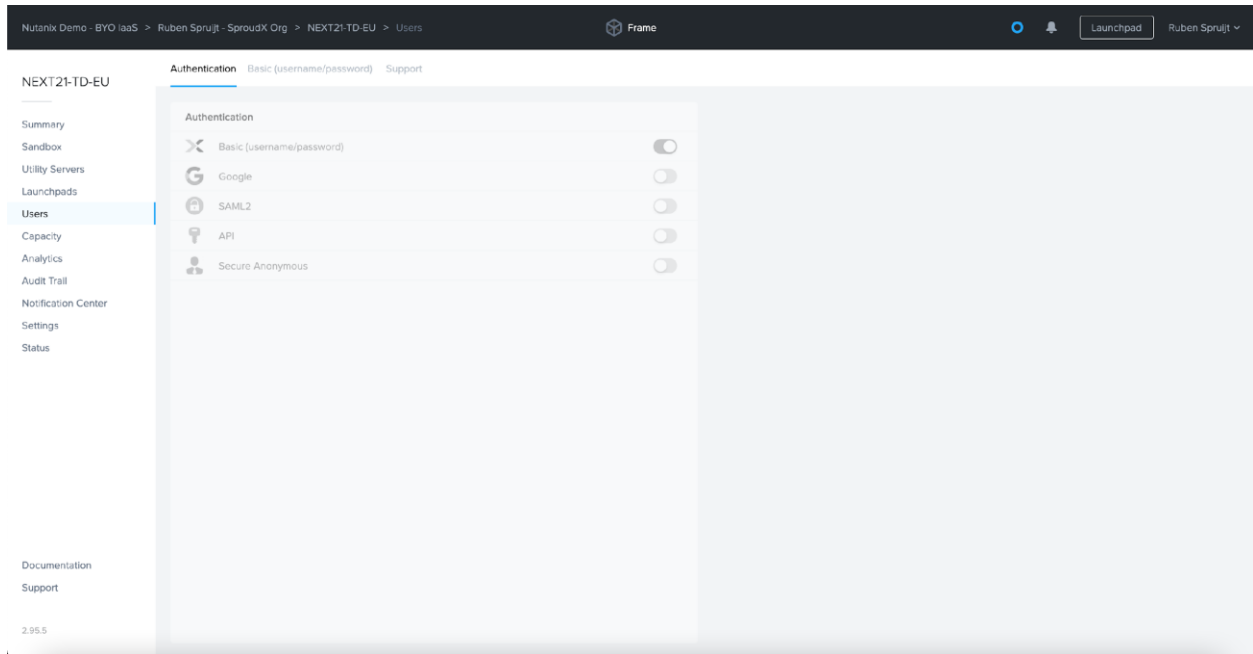
The screenshot shows the Nutanix Frame Settings interface for the domain NEXT21-TD-EU. The 'Session' tab is selected, and the interface is divided into several sections:

- Storage:** Lists cloud storage providers with toggle switches:
 - Google Drive:
 - Box:
 - Dropbox:
 - OneDrive: (with an 'Authorize OneDrive for Business' button)
- Features:** Lists various application features with toggle switches:
 - Clipboard integration:
 - Clipboard direction: Bidirectional (dropdown menu)
 - App switching:
 - Download:
 - Upload:
 - Print:
 - Microphone:
 - FRPB: (with 'Early Access' button)
- Time limits:** Configurable via +/- buttons:
 - User inactivity timeout: 10 min
 - Idle timeout: 10 min
 - Max session duration: 60 min
 - Reservation timeout: 600 min
- Network:** Configurable via sliders and dropdowns:
 - Max bandwidth: 0 kbps
 - Max frame rate: 5 to 60 (set to 30) fps
 - Max video bit rate: 0.256 to 32 (set to 16) Mbps
 - Max video quantization: 24 to 48 (set to 42)
 - QoS rate change: 1 to 10 (set to 4)
 - Max audio bit rate: 0 kbps to 160 kbps (set to 128 kbps)
 - Is grayscale enabled:
 - Allow users to change these settings:

The left sidebar contains navigation options: Summary, Sandbox, Utility Servers, Launchpads, Users, Capacity, Analytics, Audit Trail, Notification Center, Settings (highlighted), and Status. The top navigation bar includes 'General', 'Session', 'Networking', 'Availability Zones', 'Profiles', 'Personal Drives', and 'Domain Settings'.

STEP 4: User management

Now that you've checked your team's environment, it's time to explore inviting users. From the left sidebar of the Dashboard, go to the "Users" menu and navigate to the "Basic (username/password)" tab. Here you will see the list of all users that have some access to the account you have access to.



STEP 5: System status

- ✓ **CHECK SYSTEM STATUS:** You can see the status of all VMs owned by this account by going to the “Status” menu located in the left sidebar. This page shows you detailed status information for each VM.

The screenshot shows the 'Status' page in the Frame interface. The left sidebar contains a navigation menu with 'Status' selected. The main content area displays a table titled 'Servers' with the following columns: Workload Id, Machine Name, Public IP, Private IP, VM Kind, Instance Type, and Status. The table lists 17 servers, with their status indicated by a colored dot (red for 'Stopped', green for 'Running').

Workload Id	Machine Name	Public IP	Private IP	VM Kind	Instance Type	Status
5867924	IF-FDC762664F50		10.0.10.55	Sandbox	t3.medium	Stopped
5898646	IF-2C393C7BD8C1		10.0.8.5	Production	t3.medium	Stopped
5898915	IF-4B52C81269E5	3.70.13.169	10.0.21.134	Production	t3.medium	Running
5898916	IF-E18293030144	18.195.145.207	10.0.9.44	Production	t3.medium	Running
5898917	IF-91093F3F9EDE	18.197.100.7	10.0.8.58	Production	t3.medium	Running
5898918	IF-0B09FF23632D	18.159.45.170	10.0.6.193	Production	t3.medium	Running
5898919	IF-8F484C9B0EE4	52.5775.195	10.0.17.205	Production	t3.medium	Running
5898920	IF-350073B639AC	3.65.2.73	10.0.1.157	Production	t3.medium	Running
5898921	IF-8B91EA50F9F6	52.59.237.155	10.0.10.11	Production	t3.medium	Running
5898922	IF-CB7D48F5474B	3.68.90.244	10.0.22.31	Production	t3.medium	Running
5898923	IF-B1CDEC37851C	35.158.104.48	10.0.22.127	Production	t3.medium	Running
5898963	IF-DDD8438DF543	3.67.135.114	10.0.2.102	Production	t3.medium	Running
5898964	IF-4EA98E3AEFOE	18.192.58.251	10.0.0.168	Production	t3.medium	Running
5898965	IF-A7DA9647D017	3.121.127.151	10.0.17.213	Production	t3.medium	Running
5898966	IF-D4F36CF7EE3F	3.65.60.56	10.0.5.120	Production	t3.medium	Running
5898967	IF-F57C8BE4098E	3.127.39.179	10.0.10.114	Production	t3.medium	Running

- ✓ **CHECK SESSION TRAIL:** You can see the reported User from this Frame Account by going to the “Audit Trail, session trail” menu located in the left sidebar. This page shows you detailed information for each user session.

The screenshot shows the 'Audit Trail' page in the Frame interface. The left sidebar contains a navigation menu with 'Audit Trail' selected. The main content area displays a table titled 'Session Trail' with the following columns: Session ID, User, Instance Type, Bandwidth, Frame Rate, Latency, Start Time (UTC), and Duration. The table lists 7 sessions, all performed by 'Ruben Spruijt'.

Session ID	User	Instance Type	Bandwidth	Frame Rate	Latency	Start Time (UTC)	Duration
54dOPgSBBvAPLRJ9	Ruben Spruijt	Air-4GB T3	16.11 Mbps	28.72 fps	4.86 ms	Sep 6th 2021 17:14	9 minutes
0JkxPzp66Rked4oE	Ruben Spruijt	Air-4GB T3	16.11 Mbps	29.76 fps	4.61 ms	Sep 6th 2021 17:02	5 minutes
KR5LD02WwX8PV136	Ruben Spruijt	Air-4GB T3	16.10 Mbps	29.92 fps	4.7 ms	Sep 6th 2021 16:41	17 minutes
3VYwPR7OCLrDgOpQ	Ruben Spruijt	Air-4GB T3	16.16 Mbps	60 fps	6 ms	Sep 6th 2021 16:38	1 minute
1jQk3JzwMxrbvJL	Ruben Spruijt	Air-4GB T3	16.12 Mbps	28.11 fps	5.04 ms	Sep 6th 2021 16:31	4 minutes
maYgDGkbbxSDBdVJ	Ruben Spruijt	Air-4GB T3	16.13 Mbps	27.52 fps	5.19 ms	Sep 6th 2021 16:22	9 minutes

FINISH LINE!

Congratulations! You've successfully completed your Frame Test Drive! If you have some more time, take a closer look at the session settings in Step 3, or browse through the Analytics section. Ready for more?

Contact us today at frame-sales@nutanix.com