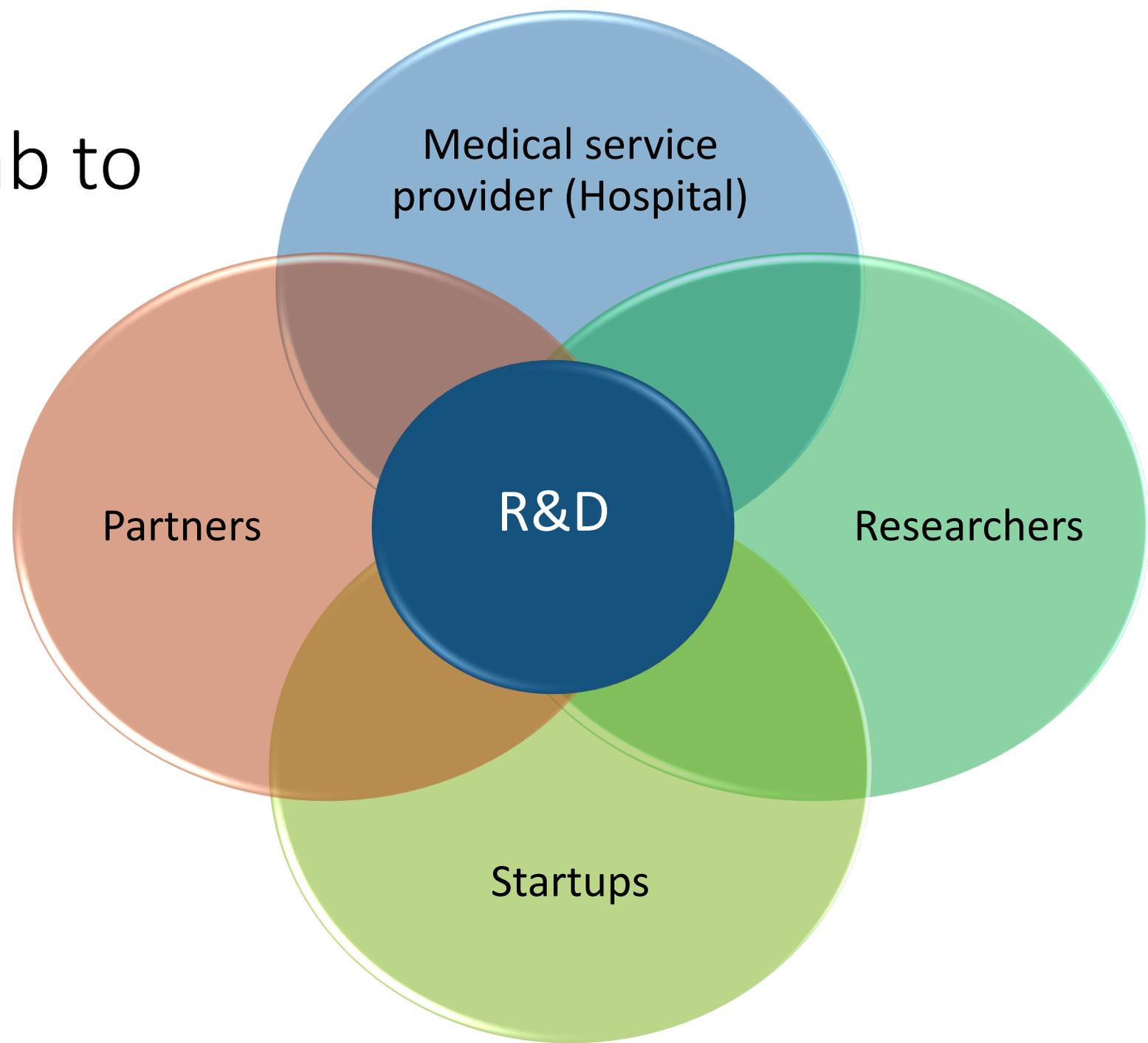


Research-Lab

Offering By GRTH

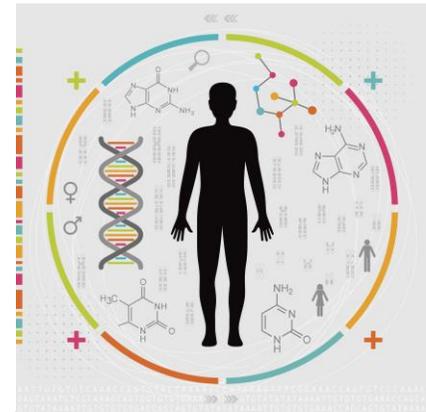
Research lab to
Serve:



What do the customers need?



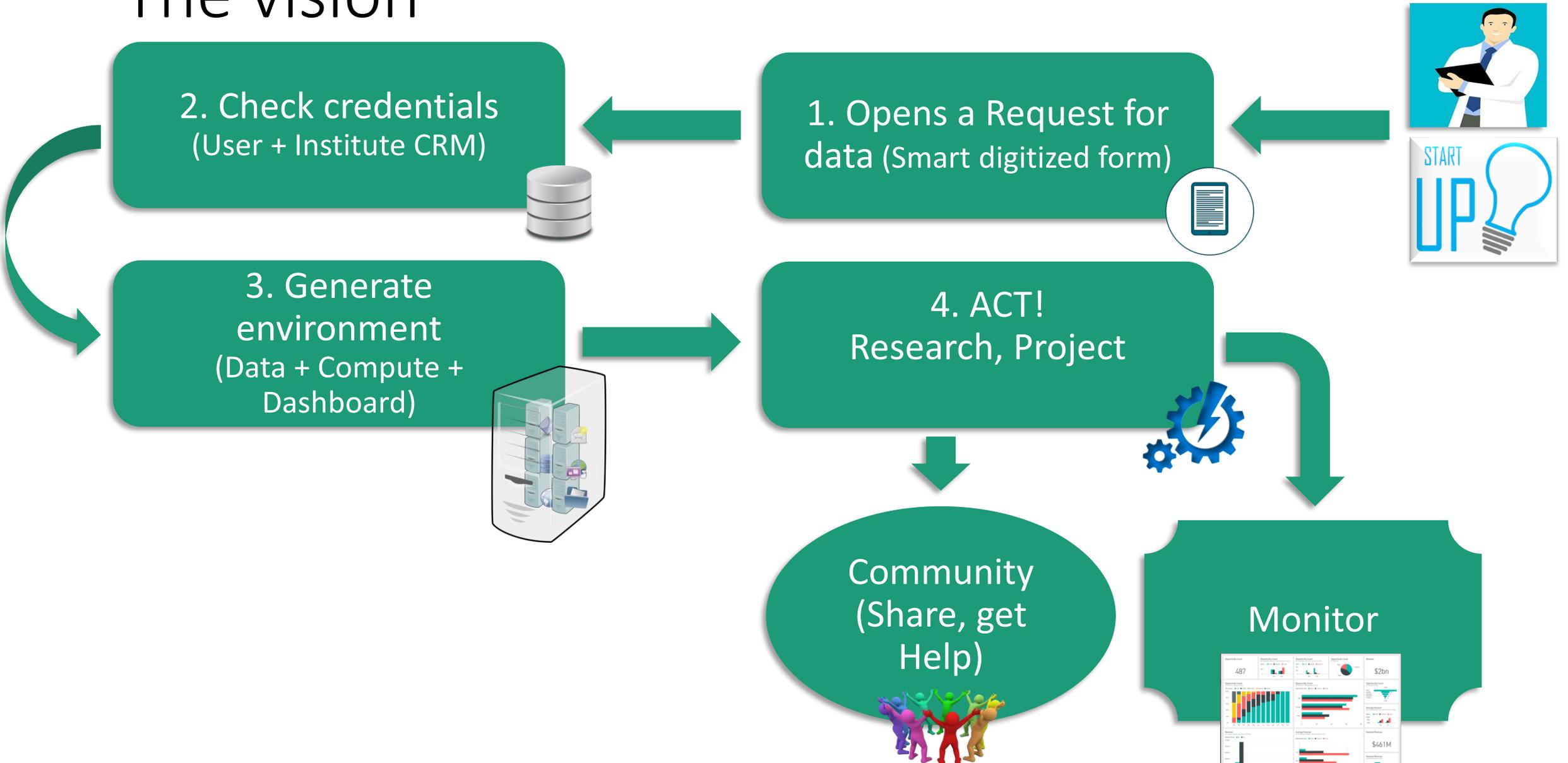
- **Data** !!! (Real D- identified, Synthesis), be able to add my own data
- **Compute** power – Large scale, GPU, short time
- **Machine learning** tools
- Work **globally** together in projects
- **Community** – Ideas, help, samples of code, know how, Join forces, feel part of...
- **Jumpstart** – not wasting time to install, configurate, upload, fix...



ResearchLab to enable R&D in Health

1. **Vision** - Data estate for internal and external innovation projects
2. **Economic model** - is essential in order to **monetize** the Data estate
3. **Players**
 - Hospital, Researchers, Startups, Medical institutes, Enterprises, Academy
 - Pharma, community health care providers, Ministry of Health (MoH), Israeli Defense force (IDF), Health payers (Insurance companies), International organizations
4. **Cloud** for a scalable, Fast, Secure data estate
5. **Regulation** – Managing Data in the cloud (D-identified, Encrypted, synthesis)
6. **Manageable** – Building the management system (Using CRM, Teams / Yammer, Projects, Sharepoint, Power BI, Skype and more...

The vision





Medical Research & Innovation promote a quantum leap in Medicine

THE SHEBA ARC INNOVATION CENTER

ARC Infrastructure and Services

Data Types & Sources
Cloud Computing Services
Professional Services

The Mission

To create an integration of research, medicine, industry and entrepreneurship as well as collaborate with other healthcare organizations to enable game changing innovation that would have profound impact on global health

Principles

1. Focus on digital health
2. Open innovation campus
3. Building an ecosystem – leading academic medical centers, strategic corporate companies, accelerators, VCs
4. Physical home for innovation

In Homepage will find main articles, useful links, login.

After login user will be exposed to workspace list, community and support

Create new workspace

ARC
HOME OF HIGH MEDICAL CARE

Home New Workspace Workspace List Support Community

roy@grth.co.il Log out

New

Workspace

roy@grth.co.il

Roy_Research_example

deepLearningVM

dsvm

deepLearningVM

databricks

customized

Provisioning

In this screen, user is able to select the type of environment that he wish to provision, and if he need specific requirement, we will chose “customized”.
Button “provisioning” will start the process on Azure.

Create new workspace

[Home](#) [New Workspace](#) [Workspace List](#) [Support](#) [Community](#) roy@grth.co.il

New

Workspace

 roy@grth.co.il

 Roy_ReseachLab

 deepLearningVM

 A-12345

Provisioning

Success! The workspace successful to begin provisioning

Success notification will be appear if the portal succeed to begin provisioning in Azure

Create new workspace - Customized

 [Home](#) [New Workspace](#) [Workspace List](#) [Support](#) [Community](#) roy@grth.co.il [Log out](#)

New

Workspace

Customized Workspace

What tools do you need to perform a query?

What is the size of RAM and CPU that you need?

Who are members of the workspace?

While choosing “Customized”, the user been asked for question that will help the admin to create the environment.

Create new workspace – Customized – con't

Customized Workspace

What tools do you need to perform a query?

What is the size of RAM and CPU that you need?

Who are members of the workspace?

Additional Comments



contract id

Send Mail To Admin

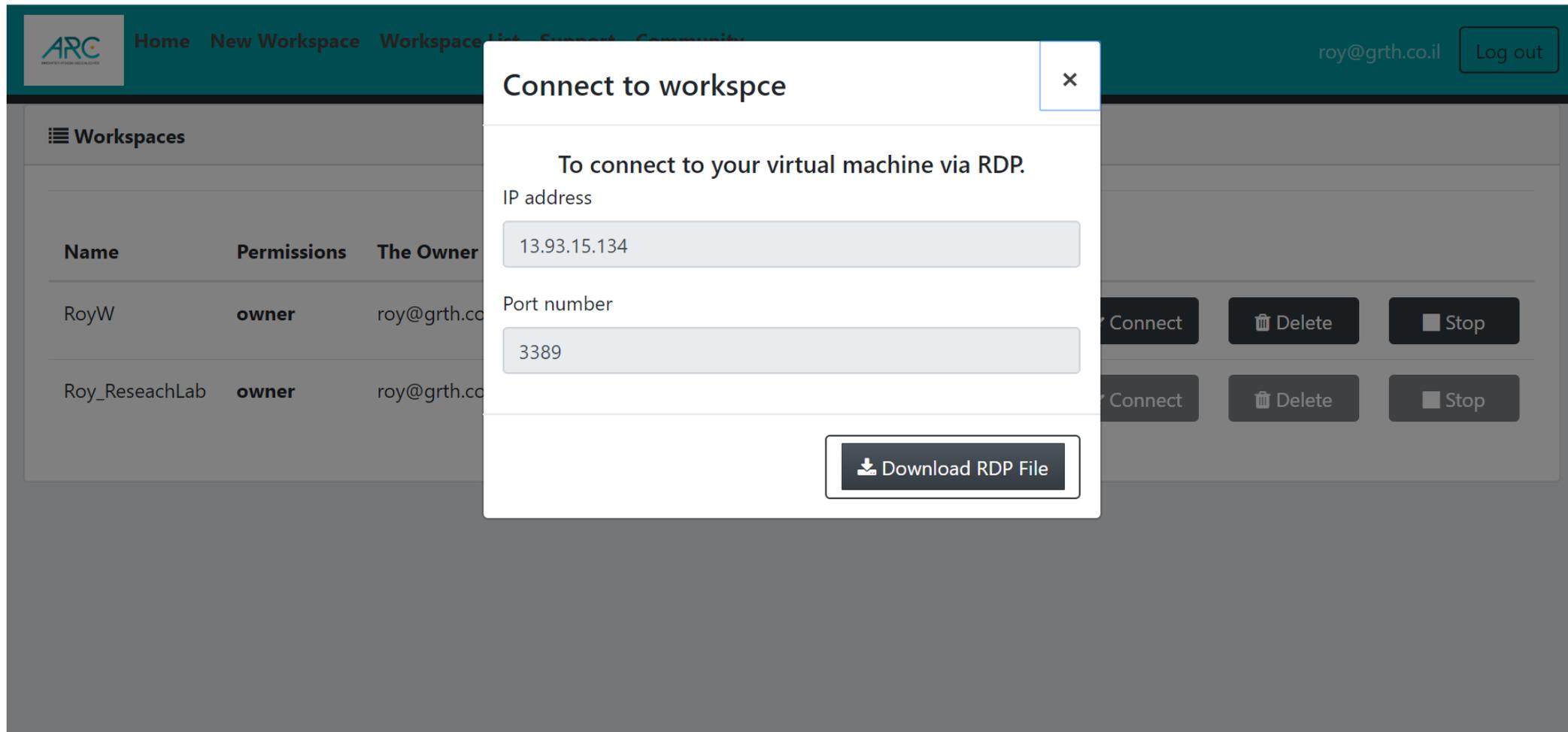
Pushing “Send Mail to Admin” will send all question details to Admin of the portal.

workspace List

The screenshot shows a web interface for managing workspaces. At the top, there is a navigation bar with the ARC logo and links for Home, New Workspace, Workspace List, Support, and Community. The user's email, roy@grth.co.il, and a Log out button are also visible. Below the navigation bar, there is a section titled "Workspaces" with a list of workspaces. The list has columns for Name, Permissions, The Owner, Status, Type, Percentage Budget, and Total Budget. Two workspaces are listed: RoyW (Running) and Roy_ResearchLab (Creating). Each workspace has buttons for Connect, Delete, and Stop.

Name	Permissions	The Owner	Status	Type	Percentage Budget	Total Budget			
RoyW	owner	roy@grth.co.il	Running	dsvm			Connect	Delete	Stop
Roy_ResearchLab	owner	roy@grth.co.il	Creating	deepLearningVM			Connect	Delete	Stop

On pushing on the Workspace List Menu, we can see the workspaces that user created or listed in them. From this screen, the user will be able to connect / delete / stop / start the env.



The screenshot shows a web application interface with a dark teal header. The header contains the ARC logo, navigation links (Home, New Workspace, Workspace List, Support, Community), the user email (roy@grth.co.il), and a Log out button. The main content area is titled 'Workspaces' and contains a table with columns for Name, Permissions, and The Owner. Below the table, there are action buttons for each workspace: Connect, Delete, and Stop. A modal dialog box titled 'Connect to workspace' is open in the center, featuring a close button (X) in the top right corner. The dialog contains the text 'To connect to your virtual machine via RDP.' and two input fields: 'IP address' with the value '13.93.15.134' and 'Port number' with the value '3389'. At the bottom of the dialog is a button labeled 'Download RDP File' with a download icon.

Name	Permissions	The Owner
RoyW	owner	roy@grth.co
Roy_ResearchLab	owner	roy@grth.co

On pushing on “Connect”, a pop-up will shown and suggest a RDP file to download and details about the environment (IP, Port number) to create custom RDP.

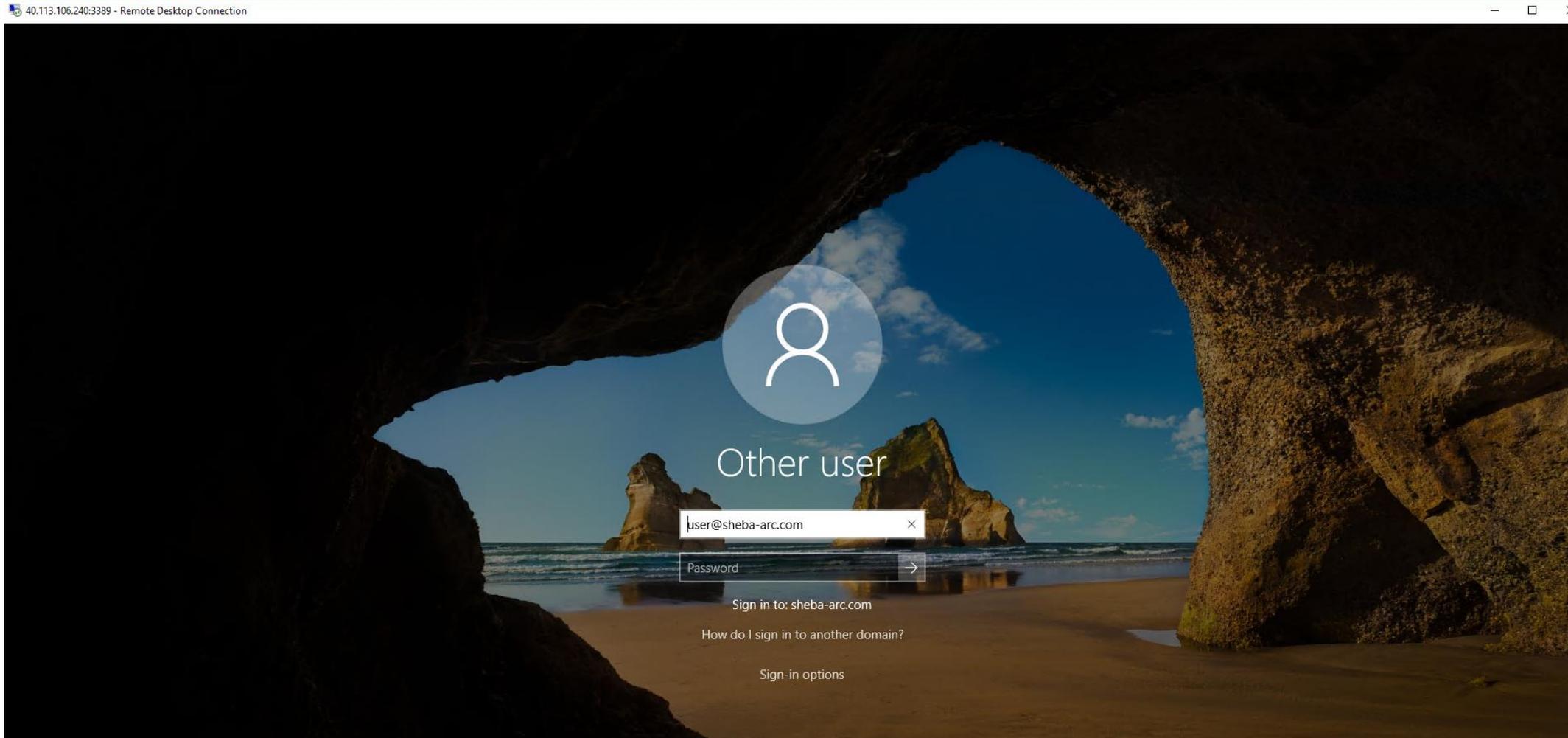
workspace List - Cont

Stop Action

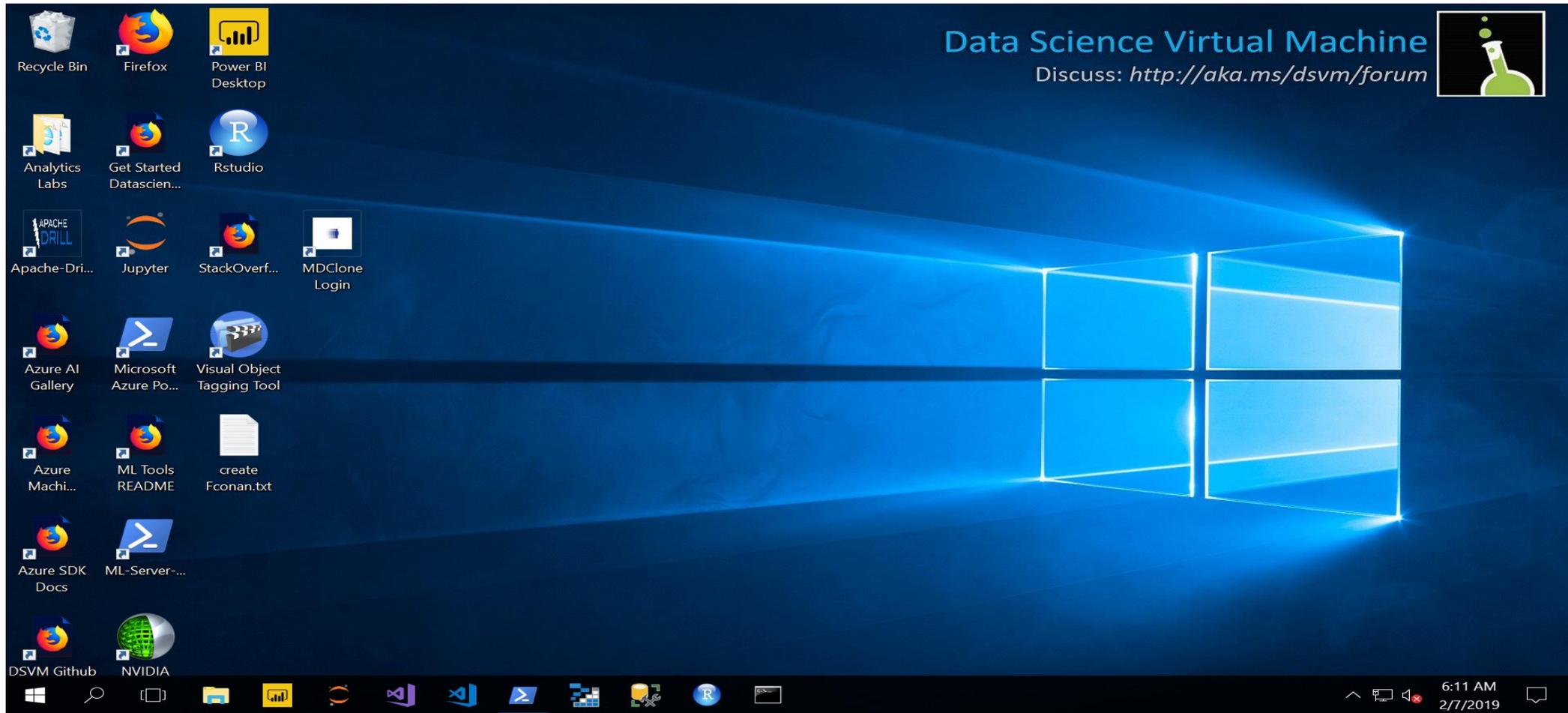
The screenshot shows a web interface for workspace management. At the top, there is a navigation bar with the ARC logo and links for Home, New Workspace, Workspace List, Support, and Community. The user is logged in as roy@grth.co.il. A modal dialog box titled "Stop virtual machine" is open, asking "Do you want to Stop the virtual machine roymachin" with "Yes" and "No" buttons. Below the dialog is a table of workspaces:

Name	Permissions	The Owner	Status	VM Name	Progress	Actions
RoyW	owner	roy@grth.co.il	Running	dsvm	60%	Connect, Delete, Stop
Roy_ResearchLab	owner	roy@grth.co.il	Creating	deepLearningVM	60%	Connect, Delete, Stop

On pushing on “stop”, a pop-up will shown and validate if the user really want to stop. Same will happen with delete. If the env is stopped , the button will shown as “start” button.



To Login to the workspace is with same user + password used for ARC Labs Portal.



To open “MDClone”, Push on the above icon “MDClone Login” and move to Web Application and start query the data.

Community

The screenshot shows a web interface for a community forum. At the top, there is a teal navigation bar with the ARC logo on the left and navigation links: Home, New Workspace, Workspace List, Support, and Community. On the right side of the bar, the user's email 'roy@grth.co.il' and a 'Log out' button are visible. Below the navigation bar is a search bar with the placeholder text 'What are you working on?' and a search icon. The main content area displays a post by 'Roy wizeman' dated 'December 20, 2018 at 1:26 PM'. The post title is 'How create Linear Regression in databrick?'. Below the title are interaction options: LIKE, REPLY, EDIT, and VIEW CONVERSATION. The post content includes a link to a Databricks article: 'https://databricks-prod-cloudfront.cloud.databricks.com/public/4027ec902e239c93eaaa8714f173bcfc/8383153137003323/2580593937400002/1191695088252320/latest.html'. A preview of the article is shown in a white box with the title 'Linear Regression - Databricks' and the URL 'databricks-prod-cloudfront.cloud.databricks.com'. At the bottom of the preview box, there are three dots indicating more options.

Community is based on Yammer Service of Microsoft, to enable user's communicate with each other.

Support



[Home](#) [New Workspace](#) [Workspace List](#) [Support](#) [Community](#)

roy@grth.co.il

Log out

The Sheba Medical Center is the largest and most technologically comprehensive tertiary, university-affiliated, medical and research center hospital in Israel. We work with every major medical education institute in Israel, serving as a campus for a large number of students in every aspect of the medical and health professions. We are affiliated with the Sackler Faculty of Medicine at the Tel Aviv University and hold a unique position as an academic teaching hospital in that we provide care to patients in both acute (the General Hospital) as well as sub-acute and chronic (the Rehabilitation Hospital) departments.

Technical

Data scientist support

Other

Project Steps and timeline

Project Step	Timeline (AVG*)	Ownership
Analyze current customer env	X + 2 Weeks	Customer+GRTH
Creation of Azure env	X + 4 Weeks	Customer+GRTH
Updating logo and wording	X + 1 Week	GRTH
Creation of new ARM templets / Images	X + 2 Week	Customer+GRTH
Deployment to customer env & testing	X + 4-5 Week	GRTH
Production	X + 5 Week	Customer + GRTH

About us

GRTH is an Israeli boutique for digital and cloud solutions. We believe that digital transformation allows organizations to re-design their business models.

Is to increase growth and empower our customers by providing them end-to-end solutions and being one stop shop of digital and cloud solutions.

In order to achieve that goal, we are focusing on three main layers: Improving the customer experience, digitization of business processes and creating new business models.

We are Microsoft gold partner and CSP (Cloud Solutions Provider) focused on Azure technologies integrated with open source platforms and solutions.



2Bclouds

Open Cloud Managed Services @ **grth**

Live on Earth
Work on Cloud
Be Digital!

