

# Azure Immersion Workshop: Hands-on Labs

## Know Before You Go

CloudLabs  
Spektra Systems

# Azure Immersion Workshop

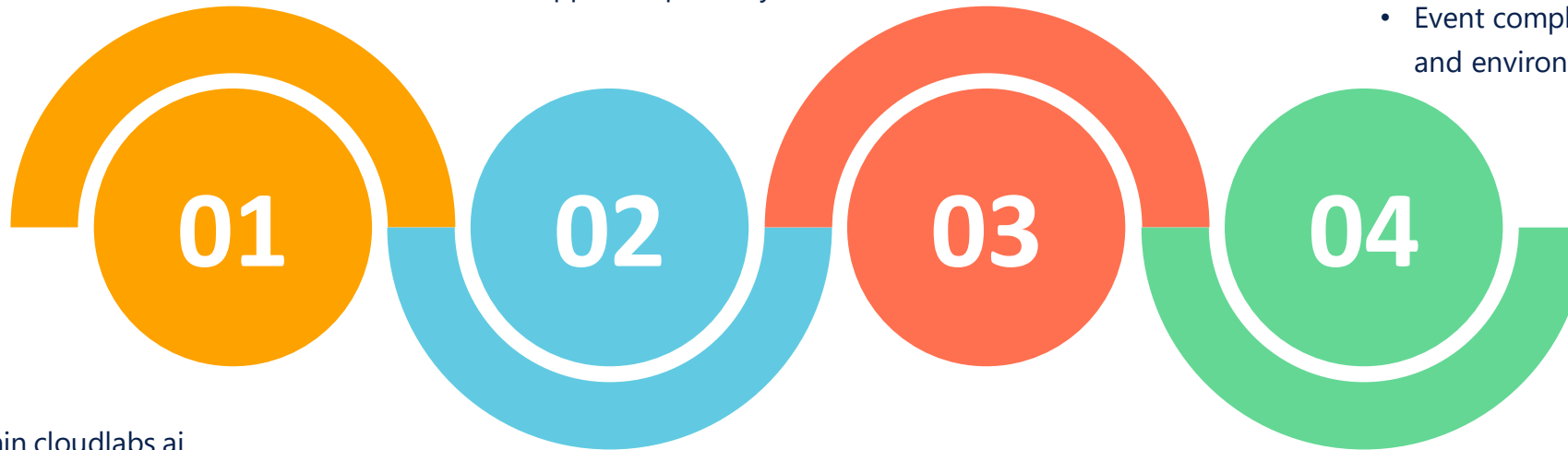
## Process Overview

### Spektra (Pre-event)

- Setup Lab URLs & share two week ahead
- Pre-event support
- [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com)

### Spektra(Post-event)

- Event completion confirmation and environment cleanup.



### MS Field

- Request lab from [admin.cloudlabs.ai](https://admin.cloudlabs.ai)
- Specify track, date, time, #seats
- Associate instructors / proctors to request

### Spektra (during event)

- Instant support through email / teams
- Teams: [http://bit.ly/cloudlabs-support](https://bit.ly/cloudlabs-support)

# Azure Immersion Workshop

Instructor Experience  
(Minimal)

# Azure Immersion Workshop

## Lab Activation Details

- Email notification with Lab activation details is sent out to Requestor / Instructor / Proctor two weeks prior to the actual event.

Azure Immersion Workshop: Data Modernization | 2020-11-12 | Argentina - Important Update

Lab Notification <noreply@cloudlabs.ai>  
To: f...r

Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

Events  
2 KB

← Reply   ← Reply All   → Forward   ...

Tue 10-11-2020 00:

### HOL\_LATAM\_2020-11-12\_521 - Azure Immersion Workshop: Data Modernization | 2020-11-12 | Argentina - Important Update

Dear Federico Bosio,

On demand lab - **HOL\_LATAM\_2020-11-12\_521 - Azure Immersion Workshop: Data Modernization | 2020-11-12 | Argentina** is currently scheduled and ready for use on Thursday, November 12, 2020.

The lab activation details are as follows:

Unique Id: HOL\_LATAM\_2020-11-12\_521

Sign-Up Link (For All): <https://bit.ly/38pzz0W>

Support Link (For Instructors / Proctors): <http://bit.ly/cloudlabs-support>

Support Email : [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com)

Activation Code(s):

Activation Code	Expiry Date
ACTIVATE9793	Friday, November 13, 2020

This information is shared with:  
[v-farahady@microsoft.com](mailto:v-farahady@microsoft.com)  
Carla Ramirez  
Federico Bosio  
Leonardo Bonetto  
santosh

**Note:**

- All Instructors can use the same lab activation details to run-through the lab prior to the event.
- If you need lab environment duration to be increased, please reach out to [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com) asking for extension before the lab environment duration expired.
- Certain labs may require manual steps in provisioning the lab environment. If you find registration closed, you can send email to [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com) asking for test environment with Lab name, Unique ID of Lab and when (Date/time) you need the test environment.

Please share this information with other instructors / proctors, who were not tagged with this lab request and [click here](#) to confirm your attention towards this email .

This email is sent by Spektra Systems LLC, on behalf of Microsoft.

# Azure Immersion Workshop

Event Day

- Instructor share the bit.ly link and activation code during the session
  - **DO NOT** share the activation details prior to session(Lab Start time)
- All attendees activate the lab instance using the same activation code
- If you have change in the number of seats for lab, reach out to [cloudlabs-support@spektasystems.com](mailto:cloudlabs-support@spektasystems.com)

## Azure Immersion Workshop



### Azure Immersion Workshop: Data Modernization By: Microsoft

Please sign-up to get access to the lab environment.

⌚ 8 hour(s) and 0 minute(s)

✉ [cloudlabs-support@spektasystems.com](mailto:cloudlabs-support@spektasystems.com)

🖥 Azure, DIMA, Azure-SQL-Database

### Register Now

First Name\*

Last Name\*

Email\*

Work email address only

Organization\*

Full organization name

Country\*

Country

Activation Code\*

☐ Microsoft or partner may use your contact information to provide updates and special offers about Microsoft Azure and other Microsoft products and services. To learn more you can read the [Privacy Policy](#). Lab environments are monitored to ensure that usage is for intended purposes only. If actual usage differs from the designed lab scenario, your environment will be terminated without notice. Please refer to [Acceptable Usage Policy](#).

SUBMIT

# Azure Immersion Workshop

## Lab Activation Details

- Instructor will share a bit.ly link and activation code during the event
- Instructor share the details only when the labs are starting (not at the start of the day)
- Attendee navigate to the bit.ly link and provide the required details
  - Its mandatory to give company email address and actual organization name
- Once lab instance is assigned, details are also sent to attendee via email from [noreply@cloudlabs.ai](mailto:noreply@cloudlabs.ai)

## Azure Immersion Workshop



### Azure Immersion Workshop: Data Modernization By: Microsoft

Please sign-up to get access to the lab environment.

⌚ 8 hour(s) and 0 minute(s)

✉ [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com)

🖥 Azure, DIMA, Azure-SQL-Database

### Register Now

First Name\*

Last Name\*

Email\*

Organization\*

Country\*

Activation Code\*

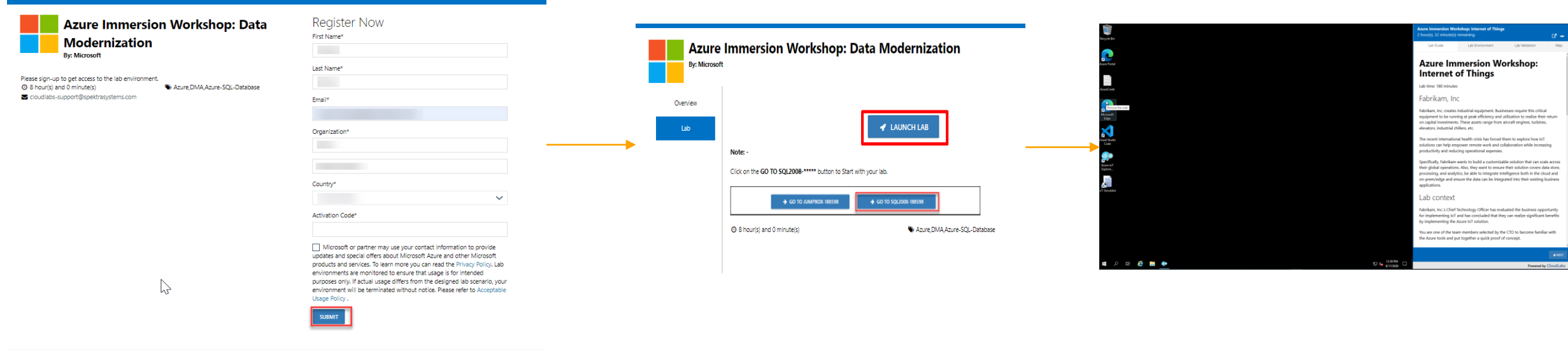
☐ Microsoft or partner may use your contact information to provide updates and special offers about Microsoft Azure and other Microsoft products and services. To learn more you can read the [Privacy Policy](#). Lab environments are monitored to ensure that usage is for intended purposes only. If actual usage differs from the designed lab scenario, your environment will be terminated without notice. Please refer to [Acceptable Usage Policy](#).

SUBMIT

# Azure Immersion Workshop

## Hands-on-Lab

- Once attendee register using Lab activation details & click on Launch Lab, they will get the screen with the lab guide, Environment Details (Azure Credentials), etc. on the Right Side and Virtual Machine on the Left.
- In case of any issue, instructors can reach out to Spektra CloudLabs support team(24\*7).(Email: [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com), MS Teams Support Channel: <http://bit.ly/cloudlabs-support> )
- Instructor can also use same lab activation details to launch a lab instance to familiarize themselves with the lab environment. Deployment could take 35minutes to 2 hour depending on the pre-requisite in labs when instructor try out prior to the event day (as standby instances are not available)



# Azure Immersion Workshop

Hands-on-Lab

If you are looking to understand what is covered in the lab, here are the guide links.

- ✓ All guides for labs are hosted from GitHub. Minor modifications are made to the original guide from GitHub while hosting on CloudLabs to make sure that the experience in managed environment is better. Following are the CloudLabs Guide as well as public Git link.
- ✓ CloudLabs environments are validated against the guides provided by CloudLabs (please be aware that there could be minor modifications to the original Git guide).

Lab Title	CloudLabs Guide	Original Git Link
.NET App Modernization	<a href="https://experience.cloudlabs.ai/#/labguidepreview/35e85176-4498-4c9f-ae13-0f863b0fd089">https://experience.cloudlabs.ai/#/labguidepreview/35e85176-4498-4c9f-ae13-0f863b0fd089</a>	<a href="https://github.com/microsoft/MCW-App-modernization/blob/master/Hands-on%20lab/HOL%20step-by-step%20-%20App%20modernization.md">https://github.com/microsoft/MCW-App-modernization/blob/master/Hands-on%20lab/HOL%20step-by-step%20-%20App%20modernization.md</a>
AI	<a href="https://experience.cloudlabs.ai/#/labguidepreview/a3b9d8b3-699f-4b44-92fd-dd46ff847efb">https://experience.cloudlabs.ai/#/labguidepreview/a3b9d8b3-699f-4b44-92fd-dd46ff847efb</a>	<a href="https://github.com/solliancenet/tech-immersion-data-ai">https://github.com/solliancenet/tech-immersion-data-ai</a> (AI Experience 1, 3, 4, 6)
Analytics	<a href="https://experience.cloudlabs.ai/#/labguidepreview/0f94035f-57d0-4c69-9579-5bcee7ef14d9">https://experience.cloudlabs.ai/#/labguidepreview/0f94035f-57d0-4c69-9579-5bcee7ef14d9</a>	<a href="https://github.com/solliancenet/azure-synapse-analytics-day">https://github.com/solliancenet/azure-synapse-analytics-day</a>
Cloud Native Apps	<a href="https://experience.cloudlabs.ai/#/labguidepreview/1a4e4158-68ea-44fd-bf55-3f283b31b80d">https://experience.cloudlabs.ai/#/labguidepreview/1a4e4158-68ea-44fd-bf55-3f283b31b80d</a>	<a href="https://github.com/microsoft/MCW-Cloud-native-applications/blob/master/Hands-on%20lab/HOL%20step-by-step%20-%20Cloud-native%20applications%20-%20Developer%20edition.md">https://github.com/microsoft/MCW-Cloud-native-applications/blob/master/Hands-on%20lab/HOL%20step-by-step%20-%20Cloud-native%20applications%20-%20Developer%20edition.md</a>
Data Modernization	<a href="https://experience.cloudlabs.ai/#/labguidepreview/eebb37e7-8e2e-469d-88f4-f54107aa6630">https://experience.cloudlabs.ai/#/labguidepreview/eebb37e7-8e2e-469d-88f4-f54107aa6630</a>	<a href="https://github.com/microsoft/MCW-Migrating-SQL-databases-to-Azure/blob/master/Hands-on%20lab/HOL%20step-by-step%20-%20Migrating%20SQL%20databases%20to%20Azure.md">https://github.com/microsoft/MCW-Migrating-SQL-databases-to-Azure/blob/master/Hands-on%20lab/HOL%20step-by-step%20-%20Migrating%20SQL%20databases%20to%20Azure.md</a>
Infrastructure Migration	<a href="https://experience.cloudlabs.ai/#/labguidepreview/6de8608d-c9f1-4488-8403-42142637244c">https://experience.cloudlabs.ai/#/labguidepreview/6de8608d-c9f1-4488-8403-42142637244c</a>	<a href="https://github.com/microsoft/MCW-Line-of-business-application-migration/blob/master/Hands-on%20lab/HOL%20step-by-step%20-%20Line-of-business%20application%20migration.md">https://github.com/microsoft/MCW-Line-of-business-application-migration/blob/master/Hands-on%20lab/HOL%20step-by-step%20-%20Line-of-business%20application%20migration.md</a>
Windows Virtual Desktop	<a href="https://experience.cloudlabs.ai/#/labguidepreview/53467f5e-d363-452e-9d54-50475d8e8b78">https://experience.cloudlabs.ai/#/labguidepreview/53467f5e-d363-452e-9d54-50475d8e8b78</a>	<a href="https://github.com/CloudLabsAI-Azure/AIW-Windows-Virtual-Desktop">https://github.com/CloudLabsAI-Azure/AIW-Windows-Virtual-Desktop</a>
Internet of things	<a href="https://experience.cloudlabs.ai/#/labguidepreview/9750d5bf-3c41-4eb9-bdbc-b2aec8b29b32">https://experience.cloudlabs.ai/#/labguidepreview/9750d5bf-3c41-4eb9-bdbc-b2aec8b29b32</a>	<a href="https://github.com/CloudLabsAI-Azure/AVW-Internet-of-Things/tree/master/instructions">https://github.com/CloudLabsAI-Azure/AVW-Internet-of-Things/tree/master/instructions</a>
Cloud Adoption Framework (CAF)	<a href="https://experience.cloudlabs.ai/#/labguidepreview/2663e0eb-5032-4677-a068-a815697d1d47">https://experience.cloudlabs.ai/#/labguidepreview/2663e0eb-5032-4677-a068-a815697d1d47</a>	<a href="https://github.com/CloudLabsAI-Azure/AIW-Cloud-Adoption-Framework/tree/main/Instructions">https://github.com/CloudLabsAI-Azure/AIW-Cloud-Adoption-Framework/tree/main/Instructions</a>



# Azure Immersion Workshop

## FAQ

- **How can Instructors reach out to Spektra CloudLabs support team?**
  - ✓ Support Hours: 24x7
  - ✓ Email: [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com)
  - ✓ MS Teams: <http://bit.ly/cloudlabs-support>
- **How do I request for support from CloudLabs team?**
  - ✓ Every Azure Immersion Workshop event has a unique identifier, which could be of the following two formats:
    - SRDEM48316 – Requests coming through MASH
    - HOL\_Germany\_2020-12-03\_123
  - ✓ Whenever you reach out to Spektra team, it is recommended that you put the unique id in the subject line of the email or refer to the id in chat, as it helps team to easily look up.
  - ✓ If you need immediate assistance, reach out to support through the Teams Channel (<http://bit.ly/cloudlabs-support> )
  - ✓ If you are not seeking immediate assistance, create a support ticket by sending email to [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com)
- **What if Instructor do not know the Unique ID for my event?**
  - ✓ Please reach out to your Microsoft contact to get the Unique ID. Spektra team will not be able to provide support, w/o the Unique ID.
- **Can Instructors add additional instructors / proctors to the lab request?**
  - ✓ Original requestor can add additional instructors / proctors from the edit page.
- **I am not sure when the event will be. Can I get a lab instance?**
  - ✓ All lab instances are tracked against an actual request. So it is necessary to have a request created.

# Azure Immersion Workshop

## FAQ

### ▪ What is the typical deployment time for each lab?

- ✓ For seamless experience, we provide dedicated instance of lab for each attendee. For every lab instance, we deploy the pre-requisites automatically. These pre-requisite deployments could include the following:
  - Creating a temporary lab user (Azure AD User Account)
  - Creating a temporary service principal (Azure AD Service Principal)
  - Purchasing and assigning a Microsoft Cloud License (e.g.: Power BI Pro, Microsoft 365 Business)
  - Deploying Azure Resources
    - Using ARM templates
    - PowerShell Scripts
    - Direct API Calls
  - Configuring Azure Resources
    - Loading data to Azure Data Lake
    - Creating pipelines in Azure Synapse
- ✓ Depending on the pre-requisite steps, different tracks have different deployment times. Following are the average deployment time for various labs:

Lab Title	Deployment Time (Minutes)	Max. allowed Lab Duration
AIW: .NET App Modernization	40 Minutes	8 Hours
AIW: AI	45 Minutes	8 Hours
AIW: Analytics	60 Minutes	4 Hours
AIW: Cloud Native Apps	40 Minutes	8 Hours
AIW: Data Modernization	35 Minutes	8 Hours
AIW: Infrastructure Migration	120 Minutes	8 Hours
AIW: Windows Virtual Desktop (WVD)	60 Minutes	8 Hours

# Azure Immersion Workshop

## FAQ

- **How can Instructor get access to the lab environment for readiness prior to the event?**
  - ✓ Lab endpoint details are shared two weeks prior to the actual event date. Instructor can use same lab activation details to launch a lab instance to familiarize themselves with the lab environment.
  - ✓ Deployment could take around 35 minutes to 2 hours when you try out prior to the event day (as standby instances are not available)
  - ✓ Your instance will be ready only after the deployment time. If your instance is not ready, even after the expected deployment time(Mentioned below), please reach out to support at [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com) with Lab title, Unique ID(Your MS Contact should receive this ID in a confirmation email after requesting the HOL).
  - ✓ At times, we have seen temporary deployment failures issues. In such cases, CloudLabs support cleans up the failed deployments and start a new one. Please contact support in case of any such issues.
- **Do attendees need to wait for instance deployment?**
  - ✓ For all planned events, deployment will start at least 1.5 hours (or twice the average deployment time, whichever is higher) prior to the actual lab start time. This time window is planned to have buffer time to recover incase of deployment failures before the event. All instances are expected to be ready 15 minutes prior to the actual lab start time.
  - ✓ With this, attendees will get lab environment as soon as they register. There is NO wait time for attendees for lab instances on actual event day.
- **If deployments fail, will it have an impact on the actual event day?**
  - ✓ One the actual event day Spektra team will plan to provision more instances than required depending on the deployment success rate during the last one week. This way we will have the expected number of instances ready, even if few deployments fail due to temporary issues.

# Azure Immersion Workshop

## FAQ

- **Can Instructors find out if Spektra team has started deployments for my event on the event day?**
  - ✓ Spektra team is also working on developing a Microsoft Teams application, which will give instructors visibility into the status of the deployments. This capability in Microsoft Teams app will be available in December 2020. Currently, if you are open to side load the application please reach out to support and we will give you Teams package that you can sideload.
  - ✓ You can reach out to support until the app is ready to check for deployment status.
- **Are there any recommendations that instructors should follow?**
  - ✓ If you need help with two different events, create separate support tickets for them. Do not include both in a single email.
  - ✓ If you have a support need prior to the event, please send a separate email for each issue. Each email goes to the support queue, and team assign the ticket and work on them.
    - If you keep replying to the same email, it will reopen the ticket in the support queue. If you do this, please include all open items in the latest thread, so that team do not miss on the previous asks.
  - ✓ Instructors will get lab activation details (email from [noreply@cloudlabs.ai](mailto:noreply@cloudlabs.ai) or details in MS Teams App) two weeks prior to the actual event date. If you didn't receive details within two weeks, we suggest checking Junk / Clutter first. If you still do not find it, please raise a support ticket.
- **What if Instructor didn't receive the bit.ly link email?**
  - ✓ Check for emails from [noreply@cloudlabs.ai](mailto:noreply@cloudlabs.ai)
  - ✓ If you do not find email, you can reach out to [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com) with Lab Name, Unique ID and can ask for the details.

# Azure Immersion Workshop

## FAQ

- **How can instructors get extension to the lab duration?**
  - ✓ Instructors can request lab duration extension for up to a maximum of 4 hours for their lab instances. In order to request extension, please ensure to contact support at least 1 hour prior to the deletion of your lab environment.
  - ✓ Lab environment extension for attendee's is not allowed beyond the standard duration (4 or 8 hours based on the track).
- **What are some items that Spektra team do not support?**
  - ✓ Spektra will not prioritize tickets for demo or test environments for events that are more than two weeks out.
- **What if instructors have additional questions?**
  - ✓ Please contact support at [cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com)

# Azure Immersion Workshop

Instructor Experience  
(Extended)

# Spektra CloudLabs

Virtual Lab Experience for Instructors

Following capabilities are enabled to provide a superior experience to instructors to deliver workshop virtually

1. Shadow Azure Environment for attendee with a single instructor credential
2. Access cloud environment (Azure | AAD | O365 | D365) with attendee credential
3. Shadow the virtual machine provided to the user and guide them real-time

**Note: It is important to have the instructor email correctly added to the lab request to get these capabilities enabled. We recommend to try out these capabilities before the actual workshop day to ensure you can access all these capabilities.**

# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 1. Shadow with Instructor Credentials

- Login to <https://admin.cloudlabs.ai> with your work account (alias@microsoft.com or alias@partner.com)
- Upon login, on demand lab will be available for management.

The screenshot displays the Spektra CloudLabs admin dashboard. The top navigation bar shows the 'CloudLabs' logo and a user profile for 'Manesh R'. A dropdown menu for the tenant 'Contoso' is highlighted with a red circle and the number 1. The left sidebar contains a navigation menu with 'On Demand Labs' (highlighted with a red circle and the number 2) and 'Reports'. The main content area is titled 'ON DEMAND LABS' and features a table with two rows of lab data. The table columns are ID#, Title, Expiry Date, Duration (hh:mm), Bit.ly URL, and Actions. The first row has ID# 6752, Title 'Azure Virtual Machines and Compute', Expiry Date 'Apr 30, 2020', Duration '04:00', and Bit.ly URL 'https://bit.ly/2RJDFIQ'. The second row has ID# 6651, Title 'Azure Virtual Machines and Compute', Expiry Date 'Apr 30, 2020', Duration '02:00', and Bit.ly URL 'https://bit.ly/2Rv29Fr'. The Actions column for each row contains four icons: a group icon (highlighted with a red circle and the number 4), a list icon, an information icon (highlighted with a red circle and the number 3), and a more options icon. Below the table, a pagination bar shows 'SHOWING 1 - 2 OF 2 RECORDS' and a range of record counts (10, 25, 50, 100, 250, 500).

ID#	Title	Expiry Date	Duration (hh:mm)	Bit.ly URL	Actions
6752	Azure Virtual Machines and Compute	Apr 30, 2020	04:00	https://bit.ly/2RJDFIQ	[Group] [List] [Info] [More]
6651	Azure Virtual Machines and Compute	Apr 30, 2020	02:00	https://bit.ly/2Rv29Fr	[Group] [List] [Info] [More]

SHOWING 1 - 2 OF 2 RECORDS | 10 | 25 | 50 | 100 | 250 | 500

1. Ensure to select the right CloudLabs tenant (Microsoft – In a Day)
2. Navigate to On Demand Labs
3. **Your instructor credentials.** With this credential you can access all the attendee's azure environments.
4. List of lab users with their deployment id



# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 1. Shadow with Instructor Credentials

- Click on information icon from Actions to get Instructor Azure Credentials
  - ✓ Use this username and password to login to Azure portal and CloudLabs Shadow
  - ✓ Login from a private browser instance (InPrivate or Incognito)

**ON DEMAND LABS**

ID#	Title	Expiry Date	Duration (hh:mm)	Bit.ly URL	Actions
6752	Azure Virtual Machines and Compute	Apr 30, 2020	04:00	https://bit.ly/2RJDFIQ	[Icons: CloudLabs, Settings, Information, More]
6651	Azure Virtual Machines and Compute	Apr 30, 2020	02:00	https://bit.ly/2Rv29Fr	[Icons: CloudLabs, Settings, Information, More]

**Instructor Cloud Detail**

<b>AAD Email</b>	odl_instructor_174298@msazurelabs.onmicrosoft.com
<b>Temporary Password</b>	waqb00SNN*tH
<b>AAD Id</b>	5efb0e39-e9bc-4022-9908-a990b004bed6
<b>AAD Domain</b>	msazurelabs.onmicrosoft.com

CLOSE

**Microsoft Azure**

Home > Resource groups

**Resource groups**

Showing 1 to 18 of 18 records.

Name	Subscription	Location
labrg-174235	Azure Labs Test Subsc...	Central US
labrg-174261	Azure Labs Test Subsc...	East US
labrg-174262	Azure Labs Test Subsc...	South Central US
labrg-174263	Azure Labs Test Subsc...	Central US
labrg-174264	Azure Labs Test Subsc...	East US
labrg-174265	Azure Labs Test Subsc...	South Central US
labrg-174266	Azure Labs Test Subsc...	Central US
labrg-174267	Azure Labs Test Subsc...	East US
labrg-174268	Azure Labs Test Subsc...	South Central US
labrg-174269	Azure Labs Test Subsc...	Central US
labrg-174270	Azure Labs Test Subsc...	East US
labrg-174271	Azure Labs Test Subsc...	South Central US
labrg-174272	Azure Labs Test Subsc...	Central US
labrg-174273	Azure Labs Test Subsc...	East US
labrg-174274	Azure Labs Test Subsc...	South Central US
labrg-174275	Azure Labs Test Subsc...	Central US
labrg-174281	Azure Labs Test Subsc...	East US
labrg-174297	Azure Labs Test Subsc...	South Central US

# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 2. Shadow with Attendee Credentials

- Navigate to user's tab from actions
- Check Deployment ID (DID) for each User (Email)

The screenshot shows the 'AZURE VIRTUAL MACHINES AND COMPUTE - USERS' page in the Spektra CloudLabs interface. The page has a dark sidebar on the left with 'On Demand Labs' and 'Reports' options. The main content area shows a table of users. The table has columns: UID#, DID#, Name, Email, Status, and Actions. The first row shows a user with UID# 92605, DID# 174235, Name amit malik, Email amit@ss.com, and Status Succeeded. The DID# and Email are highlighted with red boxes. The Actions column contains several icons, with the first icon (a person) highlighted by a red circle with the number '1'. Above the table, there are buttons for '+ ADD USER', 'REFRESH', and 'ACTIONS'. A 'BACK TO ON DEMAND LABS' button is also present, highlighted by a red circle with the number '2'. At the bottom of the table, there is a pagination bar showing 'SHOWING 1 - 27 OF 27 RECORDS' and a range selector with options 10, 25, 50, 100, 250, and 500.

UID#	DID#	Name	Email	Status	Actions
92605	174235	amit malik	amit@ss.com	Succeeded	[Icons]

SHOWING 1 - 27 OF 27 RECORDS | 10 | 25 | 50 | 100 | 250 | 500

1. Deployment details for user (you can use **azure credentials** from this page to access attendee cloud environment)
2. Back to the Labs list page

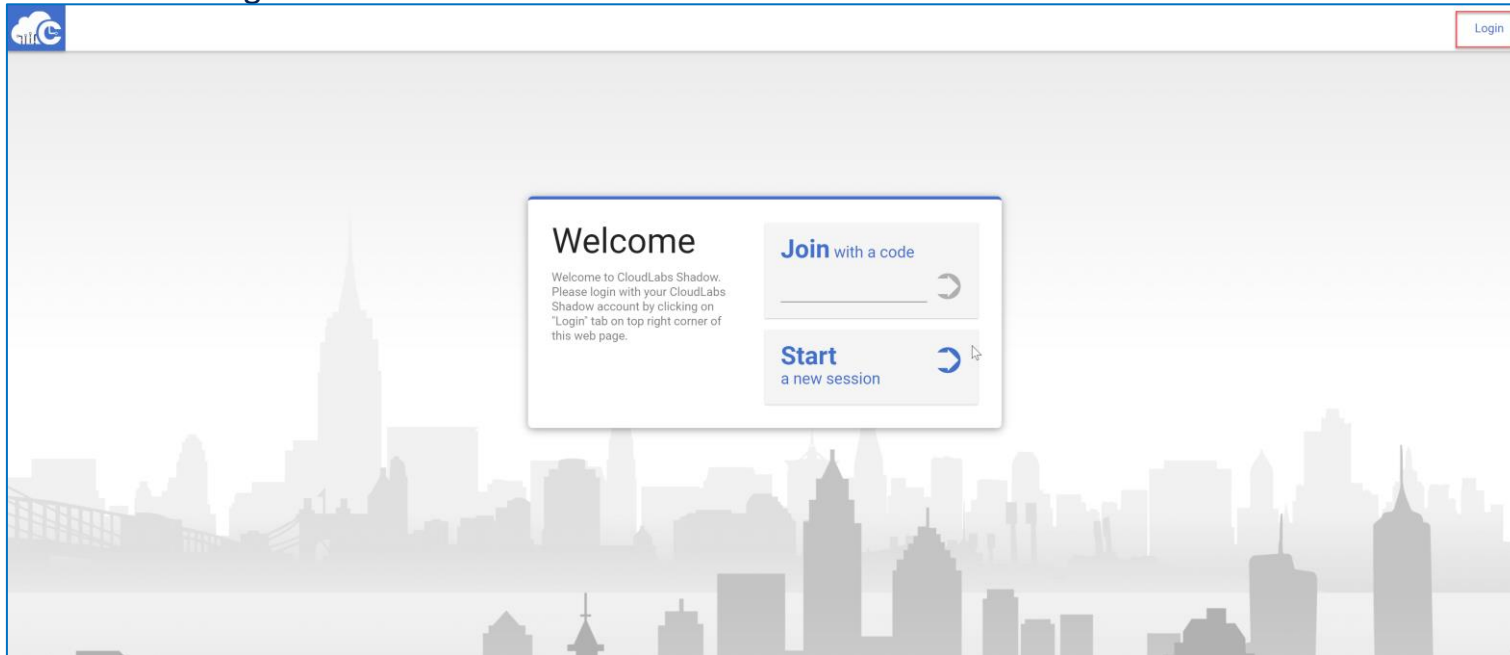
- You can manage attendees from this page
- Add / Remove attendees
- Each attendee is assigned a six-digit unique id to identify lab resource groups and jump VMs

# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 3. Shadow Attendee Virtual Machine

- Navigate to <https://spektrasystems.screenconnect.com>
- Click on Login

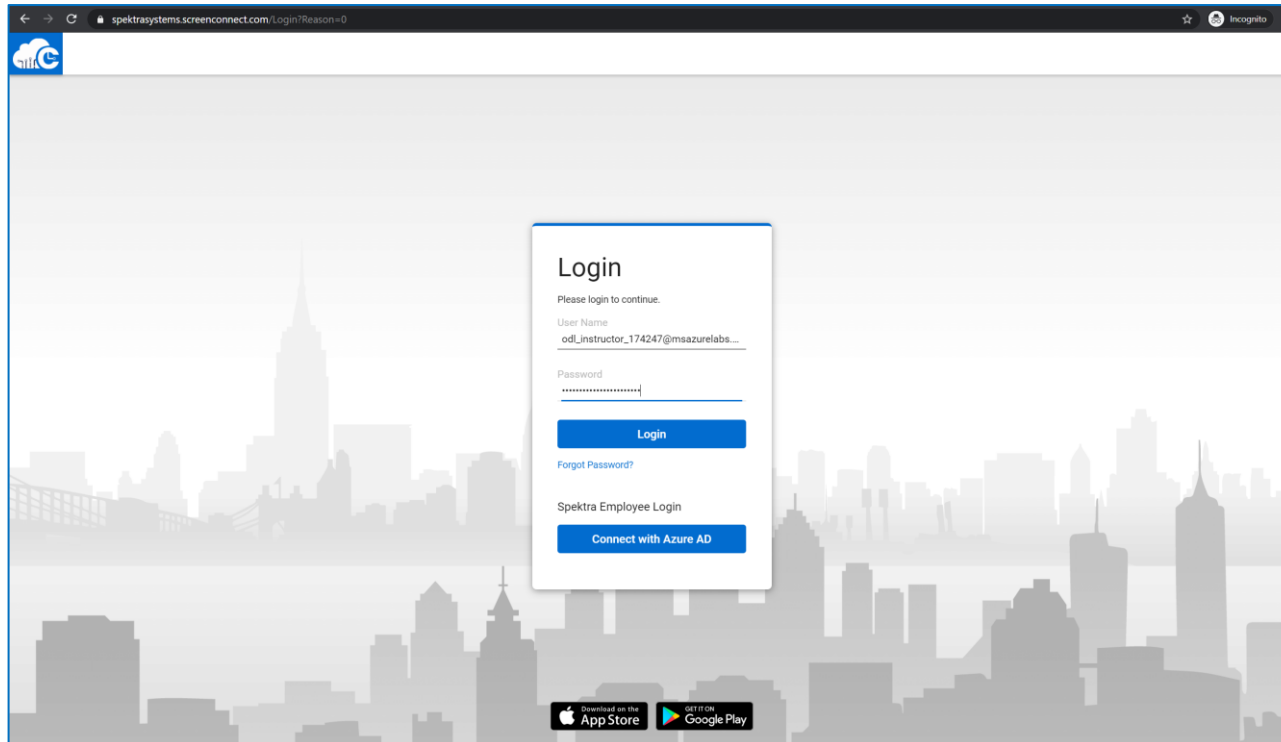


# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 3. Shadow Attendee Virtual Machine

- Login with local account
  - **DO NOT** choose Azure AD
- Use same username and password provided for Instructor Access



**i Instructor Cloud Detail**

<b>AAD Email</b>	odl_instructor_174247@msazurelabs.onmicrosoft.com	
<b>Temporary Password</b>	nauo25JJU*wr	
<b>AAD Id</b>	c94e30c8-caeb-4df6-ac8e-58e5c032b2df	
<b>AAD Domain</b>	msazurelabs.onmicrosoft.com	

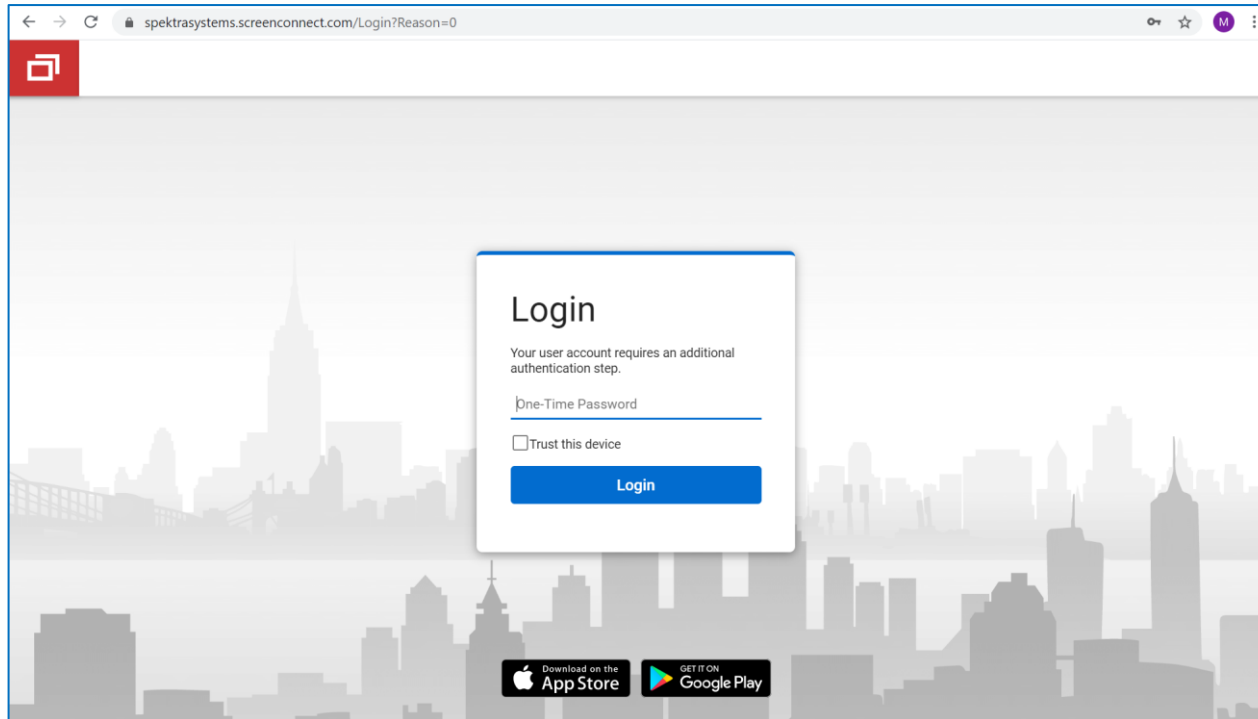
CLOSE

# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 3. Shadow Attendee Virtual Machine

- OTP is sent to your work email account
  - ✓ Please be sure to check junk/spam folder
  - ✓ Email is sent out from cloud@screenconnect.com



# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 3. Shadow Attendee Virtual Machine

- Search for specific DID if needed
- Right Click on Lab User VM (Identified by DID)
- Select Shadow Session

The screenshot displays the Spektra CloudLabs interface. On the left, the 'Access' tab is selected, showing a search bar with '6752' and a list of 18 virtual machines. A red box highlights the 'Access' tab, and another red box highlights the 'Shadow Session' option in the context menu for VM labvm-174235. The context menu also includes options like Join, Edit, End, Reinstall, Uninstall, Wake, Send Message, Run Command, Run Tool, Add Note, Get Host Pass, and Command Toolbox. The right panel shows the details for labvm-174235, including fields for Name, Company, Site, Department, and Device Type. A 'Join' button is visible, and a confirmation message states 'Your machine has connected'. Below this, a large image shows a beach scene with a clock displaying '1:01' and the date 'Friday, April 17'.

# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 3. Shadow Attendee Virtual Machine

- Select Login Session – demouser
- **Note:** If you only see Console and [Backstage], that means attendee is not connected to VM currently

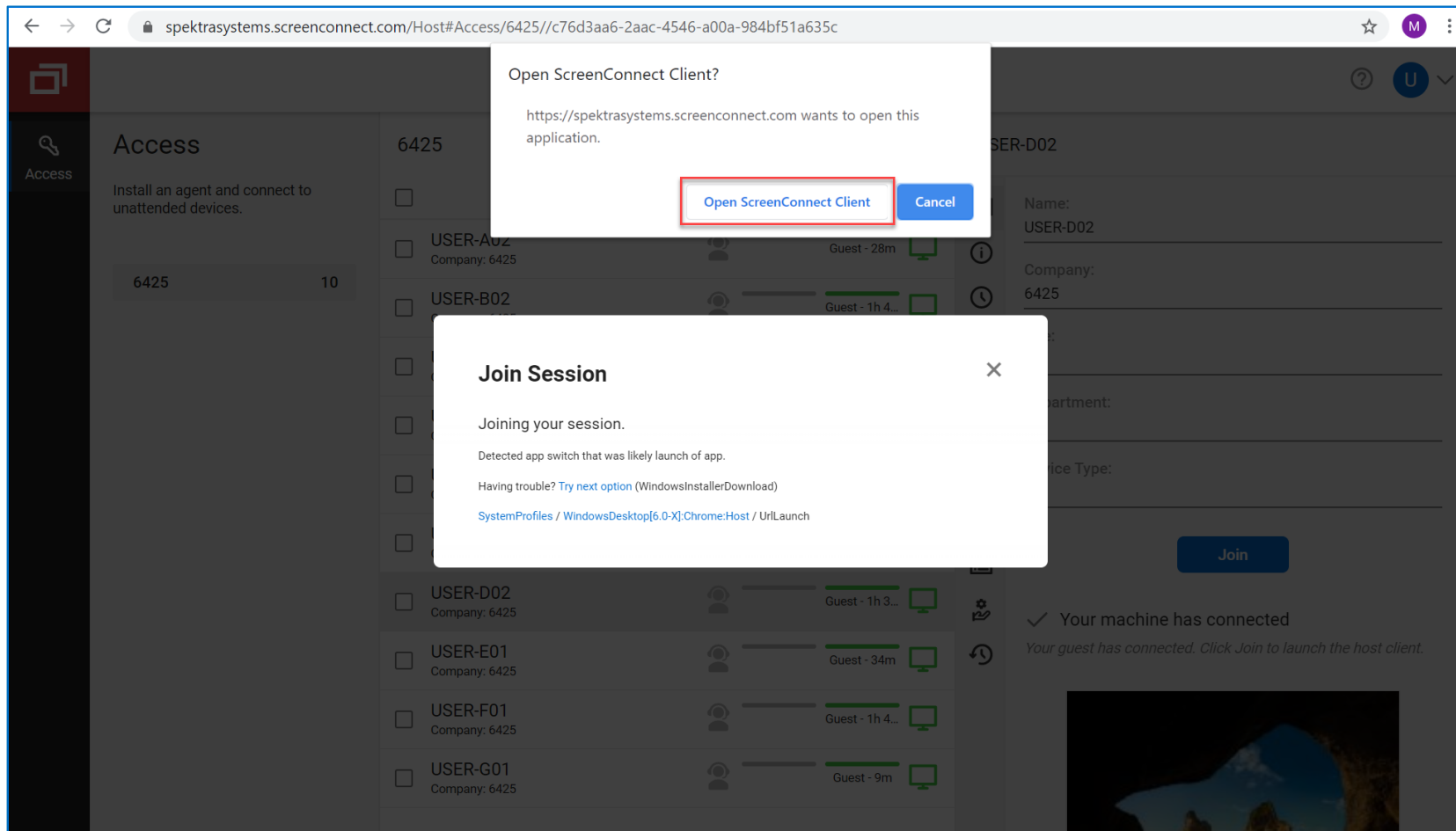
The screenshot displays the Spektra CloudLabs web interface. A modal dialog titled "Specify Join Options" is centered on the screen. It contains two sections: "Logon Session:" with three radio button options (Console, demouser, [Backstage]), and "Other Options:" with a checkbox for "Suspend My Input". The "demouser" option is selected and highlighted with a red rectangle. A blue "JOIN SESSION" button is at the bottom of the dialog. The background interface shows a list of virtual machines on the left, including USER-A02 through USER-G01, and a detailed view of USER-D02 on the right. The USER-D02 view shows fields for Name, Company, Site, Department, and Device Type, along with a "Join" button. A status message at the bottom right indicates "Your machine has connected" and provides instructions to click "Join" to launch the host client.

# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 3. Shadow Attendee Virtual Machine

- Open ScreenConnect Client
- Install the required software (One Time)



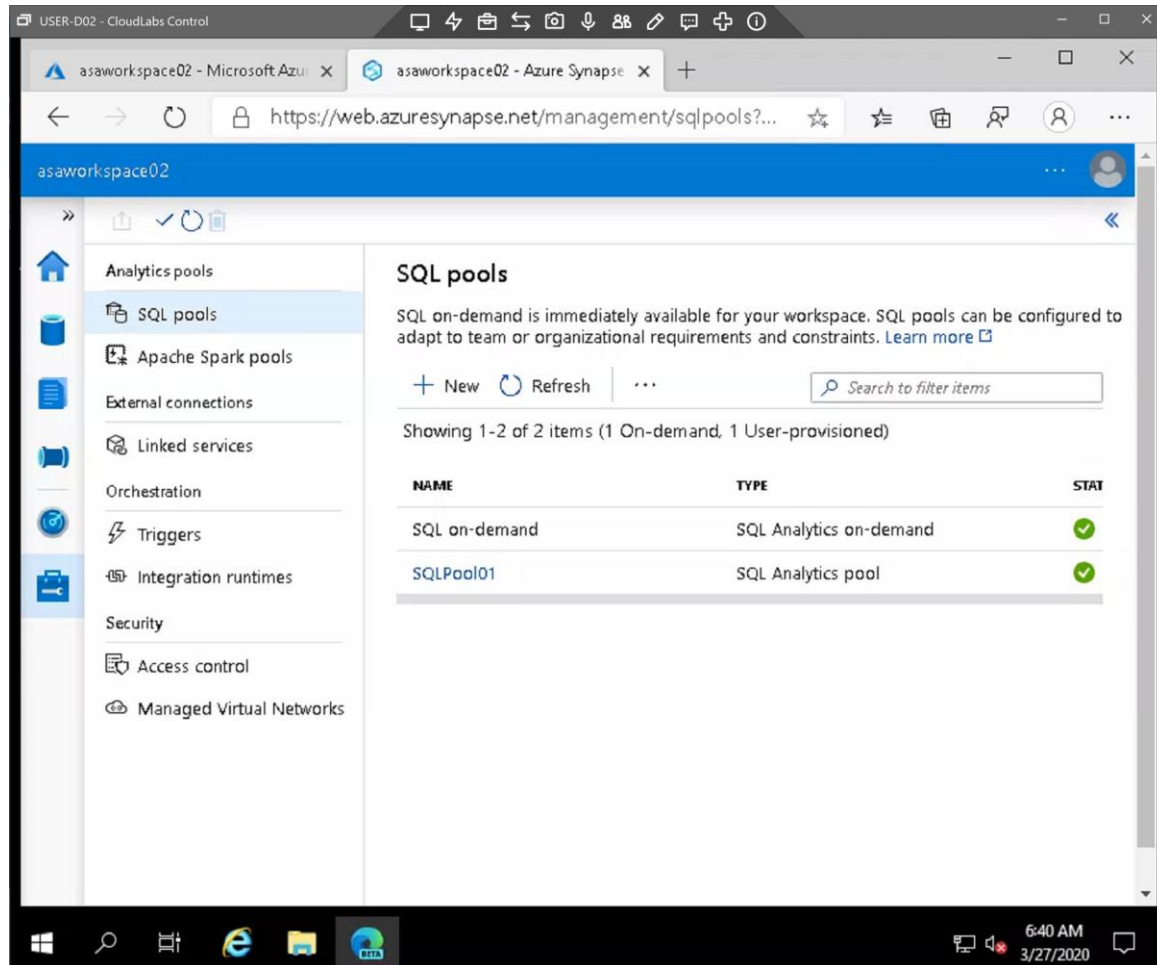


# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 3. Shadow Attendee Virtual Machine

- Shadow users VM session (without overtaking RDP session)

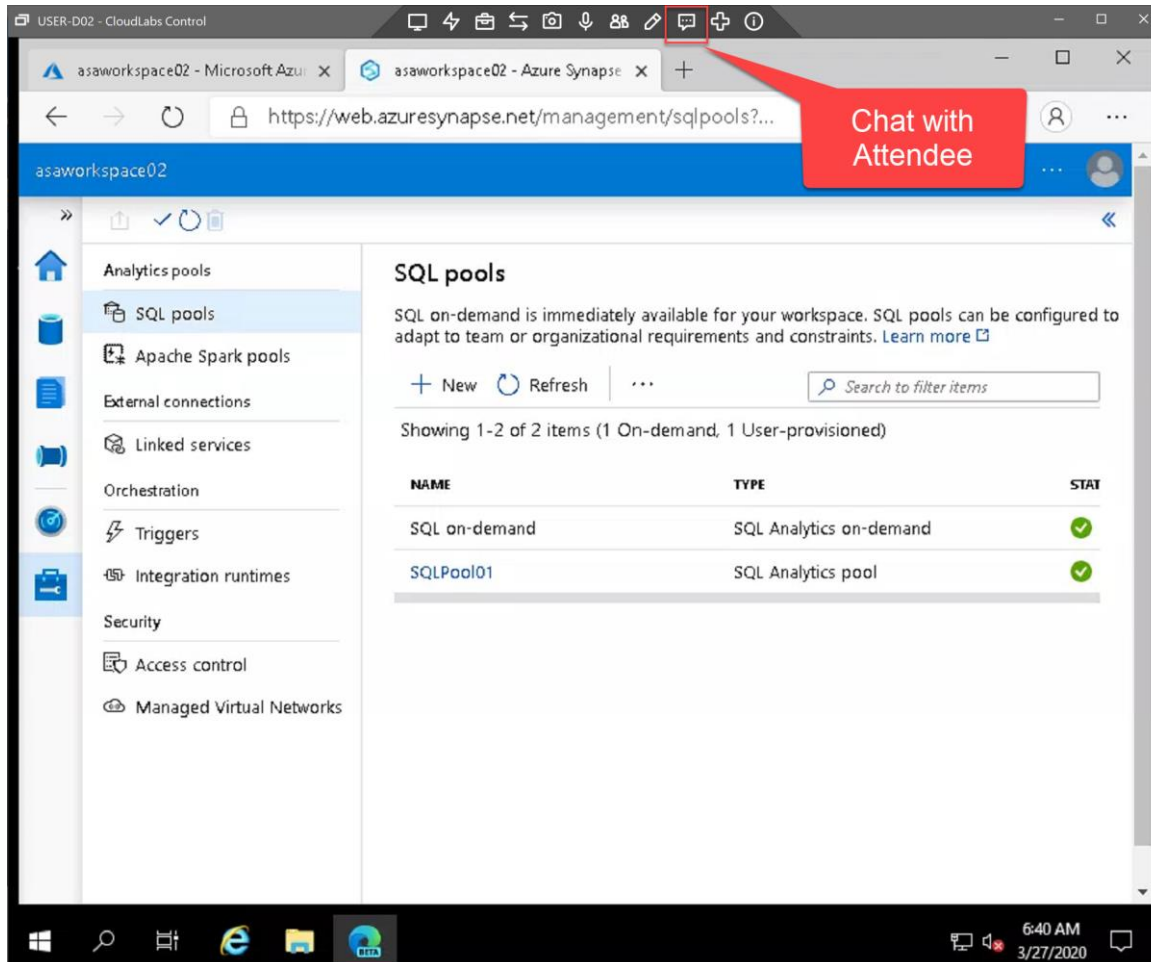


# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 3. Shadow Attendee Virtual Machine

- Initiate a private chat with attendee



The screenshot shows the Azure Synapse Studio interface for a workspace named 'asaworkspace02'. The left sidebar contains a navigation menu with options: Analytics pools, SQL pools (selected), Apache Spark pools, External connections, Linked services, Orchestration, Triggers, Integration runtimes, Security, Access control, and Managed Virtual Networks. The main content area displays the 'SQL pools' page, which includes a description of SQL on-demand, a '+ New' button, a 'Refresh' button, and a search bar. Below this, it shows 'Showing 1-2 of 2 items (1 On-demand, 1 User-provisioned)'. A table lists the SQL pools:

NAME	TYPE	STAT
SQL on-demand	SQL Analytics on-demand	✓
SQLPool01	SQL Analytics pool	✓

A red callout box with the text 'Chat with Attendee' points to a chat icon in the top right corner of the browser window.

# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 3. Shadow Attendee Virtual Machine

- Initiate a private chat with attendee

The screenshot displays the Azure Synapse Analytics 'asaworkspace02' interface. The left sidebar contains navigation links: Home, Data, Develop, Orchestrate, Monitor, and Manage. The main content area is titled 'SQL pools' and includes a table with the following data:

NAME	TYPE	STATUS	SIZE
SQL on-demand	SQL Analytics on-demand	Online	NA
SQLPool01	SQL Analytics pool	Online	DW500c

Below the table, it states 'Showing 1-2 of 2 items (1 On-demand, 1 User-provisioned)'. A user profile for 'User D02' is visible in the top right corner. On the far right, a 'Messages' chat window is open, showing a conversation with 'User-G02' dated '11:43PM, Mar 26 2020'. The chat messages are 'Hello' and 'How are you progressing through the lab?'. A 'Send' button is at the bottom of the chat window.

# Spektra CloudLabs

Virtual Lab Experience for Instructors

## 3. Shadow Attendee Virtual Machine

- Facts about VM Shadowing
  - ✓ You can shadow multiple attendee VMs at the same time
  - ✓ Multiple instructors / proctors can shadow same attendee VM concurrently
  - ✓ If you don't see the username upon clicking "Shadow Session", student may not have launched their Lab VM yet or is disconnected.

## Help?(24x7)

[cloudlabs-support@spektrasystems.com](mailto:cloudlabs-support@spektrasystems.com)

<http://bit.ly/cloudlabs-support>

## Escalate?

### Level 1

[anand.goyal@spektrasystems.com](mailto:anand.goyal@spektrasystems.com)

[mayank@spektrasystems.com](mailto:mayank@spektrasystems.com)

### Level 2

[amit@spektrasystems.com](mailto:amit@spektrasystems.com)

[manesh@spektrasystems.com](mailto:manesh@spektrasystems.com)

### Level 3

[mohrad@microsoft.com](mailto:mohrad@microsoft.com)