

# **Tableau Reference Guide**

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## **OHIA Portal**

The OHIA Portal houses information regarding Tableau onboarding, training materials, and ongoing support. Click <u>here</u> to access the OHIA Portal (<u>https://ohia.mednet.ucla.edu/</u>). You can also access the OHIA Portal from the <u>Mednet Homepage</u> (<u>https://mednet.uclahealth.org/</u>). Under the **I Want To...** section, click on **OHIA portal** from the **View Analytics** sub-section:

ws - Medical References - Clinical Systems -	Business Systems - System Resources - Human Reso	ources - General Resources -
Quick Links	l Want To	Frequently Used
Mednet email (onsite & remote)	Change password	CareConnect
Paging   COVID-19 Paging	Learn about DUO for MFA	Access CareConnect – remote   local
UCLA directory	Access eForms (Forms Portal)	Search tip sheets & eLearnings
	Scan using iCAP	Review updates
Timesheets	Get a pager, phone or other device	Register for training
DGSOM/FPG – Time Suite   Web Clock	Visit the UCLA Health IT website	Request optimization
Medical Center – Time Suite   Web Clock	Submit an IT service request	
Resources	Access SOFI event reporting	Clinical References
At Your Service   UCPath	Locate policies and procedures	Lippincott - Procedures   Advisor
CICARE   eCard	Check clinical privileges	DynaMed Plus I UpToDate I Micromedex
Cornerstone Portal	Store and share files using <b>Box</b>	Embase I PubMed
Disaster information		CURES Database
Downtime resources	View Analytics	Additional Resources
Medical Staff   IT Resources	OHIA portal	Compliance services
Nursing dept   staff info	Capacity   MOVERS   Tableau server	Conference Rooms - DGSOM   Hospitals

## **Tableau Definitions**

Role	Role Description	Responsibilities & Permissions
CoE Tableau Administrator (Lead Admin)*	A CoE Tableau Administrator is a conceptual role, not a Tableau role. The Lead Admin will also be a Project Leader for the CoE with the additional responsibilities listed below.	<ul> <li>Ensure the minimum necessary amount of RI is used in workbooks and is shared with the minimum number of people</li> <li>Be aware of responsibilities and permissions of all Tableau roles, before requesting user access</li> <li>Contact Compliance when any sensitive data elements (such as RI/PHI) are in a new data source</li> <li>Ensure space requirements are met</li> <li>Ensure workbook performance testing is done</li> <li>Ensure files on Citrix and Tableau Server are managed (delete old files, ensure no duplicate files exist, follow file naming conventions, etc.)</li> </ul>
Project Leader* (Lead)	A Project Leader is a developer with additional administrative duties. The role will be the same individual(s) across all Tableau Projects. Typically there are a max of 2 Project Leaders per CoE One of the Project Leaders is the CoE Tableau Administrator's backup.	<ul> <li>Tableau users with this role can open, interact and edit all CoE published content on Tableau Server from Tableau Desktop</li> <li>Can download and move all published workbooks</li> <li>Has all Publisher and Interactor functionality</li> </ul>



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Role	Role Description	Responsibilities & Permissions
Publisher* (Pub)	A Publisher is a Tableau Developer who can publish content but does not have any administrative duties	<ul> <li>Can create and publish content from Tableau Desktop to Server</li> <li>Can view and interact with all CoE published content on Tableau Server</li> <li>Has all Interactor role functionality</li> </ul>
Interactor (Int)	End users or consumers of published Tableau dashboard; not provisioned a Tableau Desktop license Tableau Interactor Training Video	<ul> <li>Can access and interact the published content via the Tableau Server(s) based on project/workbook permissions (hide, sort, and filter)</li> <li>Download PDF version of views</li> </ul>
Validator (Val)	Interactors that are granted access for a specified period of time to validate developed content in the VAL site.	Has Interactor role functionality

\*Requires a Tableau Desktop license

#### **Tableau Server Access and Definitions**

Tableau Server access is set up through Tableau Projects and Active Directory (AD) Groups. Projects on Tableau Server have a similar concept to a folder. Folders contain multiple files or in this case, Projects contain multiple workbooks. Each unique set of consumers will need a new project. For instance, if 5 Interactors can view 3 workbooks, one project will be created. If only 3 of those 5 interactors can view another workbook, a new Project is needed for that workbook. Each set of unique interactors will also have their own AD Group. See definitions below.

Term	Definition			
Project	A Tableau project is like a folder that can contain Tableau workbooks and data sources published on the Tableau Server.			
Non-RI Project	A place on Tableau Server to store workbooks that do not contain restricted information.			
RI- Project	A place on Tableau Server to store workbooks that contain any restricted information. Restricted information (RI) is defined by UCLA's Office of Compliance. See <u>http://compliance.uclahealth.org/workfiles/FAQs/Restricted</u> <u>Information Definitions - rev 20130205.pdf</u> *Please note the Download Summary Data option is disabled for RI projects. If your use case requires Restricted Information to be downloaded, please reach of to selfserviceanalytics@mednet.ucla.edu.			
RI	Restricted Information (RI) includes PHI, but also any other types of confidential patient, employee, student, research subject information, including intellectual property and proprietary information. Learn more about Restricted Information <u>here</u> . Contact the Office of Compliance Services ( <u>InfoSecAll@mednet.ucla.edu</u> ) for any questions.			
PHI	<ul> <li>Protected Health Information is any data that can be used to contact, locate, or identify a specific individual, either alone, or if combined with other sources that are easily accessed. See below for a comprehensive list of PHI:</li> <li>Names</li> <li>Street address, city, precinct, zip code, &amp; equivalent geocodes</li> <li>Dates (except year) (e.g. birth date, admission/discharge date, date of death &amp; all ages over 89*)</li> </ul>			

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Term	Definition
	<ul> <li>Phone and Fax numbers</li> <li>Social Security numbers (SSN)</li> <li>Medical Record Numbers (MRN)</li> <li>Health plan beneficiary numbers</li> <li>Account numbers</li> <li>Certificate/License numbers</li> <li>Vehicle identifiers &amp; serial numbers, including license plate numbers</li> <li>Vehicle identifiers &amp; serial numbers, including license plate numbers</li> <li>Vehicle identifiers and serial numbers</li> <li>Device identifiers and serial numbers</li> <li>Web Universal Resource Locators (URLs)</li> <li>Internet Protocol (IP) address</li> <li>Biometric identifiers</li> <li>Full face photographic images</li> <li>Any other unique identifying number, characteristic, or code (not including the unique code assigned by the investigator to code the data), or information that can be used alone or in combination with other. Any code used to replace the identifiers in datasets cannot be derived from any information related to the individual and the identifiers, nor can the method to derive the codes be disclosed. For example, a subject's initials cannot be used to code their data because the initials are derived from their name.</li> </ul>

## How do I access Tableau?

Tableau Desktop is located on a virtual desktop called Citrix. You must be enrolled in DUO Mobile's 2factor authentication application in order to access the Citrix environment. Click here to watch the TAB101 video or use the following steps:

- 1. Go to the UCLA Health Mednet Homepage
- 2. From the Business Systems dropdown, select CareConnect Local
- 3. Enter your AD credentials
- 4. From here, click the **Desktops** icon at the top of the page



5. Double click Tableau Desktop CX7. If prompted, Run or Install the Citrix ICA Client

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- 6. You will receive a notification on the mobile phone enrolled in DUO. Click on it and hit **Approve** 
  - a. If no notification shows automatically, your push notifications from DUO Mobile might be disabled in your phone settings. Click into the DUO Mobile application and click the "Tap to Respond" green bar in order to **Approve**



## **Citrix Data Transfer Process**

The Citrix Desktop is a secured environment that only allows one-way file transfers. You cannot take files out of Citrix, but you can bring files in via the following Citrix Data Transfer Process.

#### Creating a DropOff Folder:

To add the DropOff Folder:

- 1. Right-mouse click your desktop. Click New, then click Shortcut
- 2. Under **Type the location of the item** paste this link : (<u>\vopfsdrop01\Tableau\_desktop\_Dropoff</u>) and click **Next**
- 3. Name the shortcut Tableau DropOff and click Finish

#### Importing File(s) into Citrix

- 1. Double click to open the **Tableau DropOff** folder.
  - a. You cannot drag and drop your data sources directly into the Drop-Off folder. You will encounter the following message if you do:



- 2. Drag the data source/file to your specific CoE folder:
  - a. There is an automated process that moves your file to the **PickUp** folder in the Citrix environment within 2 minutes

💄   🗹	📕 🚽 🛛 Tal	bleau_desktop_Dropoff					
File	Home	Share View					
$\leftarrow \rightarrow$	· 🛧 💄	> Network > vopfsdrop01	> Tab	leau_desktop_Dropoff >			
			^	Name	^	Date modified	Туре
				OHIA_Internal		4/1/2020 10:17 AM	File folder

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- 3. In the Citrix desktop, you'll see a folder named **PickUp**. This is where you'll find the file you moved from your local machine
- 4. Locate the **Save** folder on the Citrix desktop. This where you should save all of your documents. Only people who have access to the Citrix Desktop within your CoE are able to see your files.
  - a. When you open the **Save** folder, it should look like the following:

Name	Date modified	Туре
퉬 Ad Hoc	7/26/2017 9:25 AM	File folder
퉬 Development	6/5/2017 9:12 AM	File folder
퉬 Master	5/3/2017 8:30 AM	File folder
퉬 Published	7/11/2017 12:53 PM	File folder
퉬 Restricted	6/3/2016 3:03 PM	File folder

b. As an example, in each folder, you can create unique project sub-folders or user folders:

Name	Date modified	Туре
鷆 ADhar	7/27/2017 12:07 PM	File folder
퉬 ghohman	6/15/2017 12:25 PM	File folder
퉬 JCapps	8/3/2017 9:28 AM	File folder
퉬 Jholman	7/27/2017 10:37 AM	File folder
퉬 Jsand	2/22/2017 9:18 AM	File folder
퉬 MikeS	12/15/2016 9:13 PM	File folder
鷆 OHIA - EIA Data Governance	1/13/2017 12:48 PM	File folder
퉬 SAbukishk	8/3/2017 9:31 AM	File folder

- 5. Drag and drop your document from the **PickUp** folder into one of the sub-folders
- 6. Delete the file(s) from the **PickUp** folder
  - a. Right-mouse click the file(s) located the PickUp folder and hit delete

**Warning:** You should only be accessing your files from the **Save** folder when developing dashboards in Tableau. The **PickUp** folders are NOT backed up and cannot be recovered. Do not save your work in the **User Local Citrix Profile** or **Tableau Repository**. Your work will not be backed up.





Simplified Guide: Transferring Files from my Computer to the Citrix Desktop Environment

1	On your Computer	Use the <b>DropOff f</b> older to drop files to be moved into the Tableau Citrix Environment
2	On the Citrix Desktop	Use the <b>PickUp</b> folder to pick up files that were dropped off on your computer's <b>DropOff</b> folder
3		Move the files to the <b>Save</b> folder
		<ul> <li>There are five sub-folders in the Save folder. Save your file with what makes most sense regarding your project.</li> <li>Master: Put non-xDR non-RI data here to share it with others in your CoE</li> <li>Ad Hoc: Put non-xDR non-RI data here for your own use or ad-hoc use</li> <li>Restricted: Put RI data sources and RI workbooks here</li> <li>Development: Save non-RI workbooks here until ready to publish</li> <li>Published: Save non-RI workbooks here once ready to be published and published workbooks</li> </ul>
4		Delete your files from the <b>PickUp</b> folder



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#### **Connecting and Publishing Data Sources**

You may be connecting to different data sources within Tableau, which leads to questions regarding how to connect or when you need to publish a data source. The below decision tree walks you through this process.



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### **Tableau Server Infrastructure**

There are two main servers, Tableau and Tableau Test. The Tableau server, commonly referred to as the Production Server, is for fully developed content that your end users (interactors) will access. The Tableau Test server is for development and validation purposes. Both servers have multiple sites and each has a different purpose, explained below:



#### **Purpose of Each Site/Environment**



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#### **Environment Access Matrix**

Not all Tableau roles have access to each environment. The below table calls out those access levels. If you have questions about each role and their responsibilities or permissions, click <u>here</u>.

Role	Ad Hoc Environment	Dev Environment	Val Environment	Prod Environment
Project Leader		$\checkmark$		
Publisher		Ø	<b>I</b>	Ø
Interactor	Ø	Dev is only used for project leaders & publishers	Limited access when project leaders and publishers need reports to be validated by end users	Ø
Lege	and: 💛 = Acce	ess 🧭 = No access	Solution = Temporary/limited access	3

#### **Recommended Development Paths**

Now that you have an understanding of each site and what they are used for, you may have questions about the process or development path you should take for each of your use cases. Below are the recommended development paths.







## Publishing

Content developed on Tableau Desktop can be shared with your CoE members via Tableau Server. UCLA Health users who have authorized Interactor access to your CoE projects can see your published dashboards. Content must go through the following checklist before getting published on Tableau Server. Please see below for to ensure you are safely sharing your developed content.

#### Checklist

If developed content includes PHI

- ✓ The content developed must include the absolute minimum RI necessary.
  - If possible, do not include names, SSN or Healthcare Beneficiary ID to reduce risk for identity theft
  - Sensitive content such as mental health, substance abuse, and sexually transmitted disease information should only be included when absolutely necessary
- ✓ Access given to the minimum necessary number of users
- ✓ Ensure all Interactors in the Restricted Project have authorized and justified access
- ✓ Publish to the intended Restricted Project on Tableau Server

If developed content does not includes PHI

✓ Publish to the desired non-Restricted folder within your CoE

Once published, notify Interactors

✓ If Interactors need assistance navigating the Tableau Server, send them this video

#### How to Publish

1. On Start Page before a workbook is opened, go to **Server** on the top navigation and **Sign into another server...** 



- 2. Sign into the desired server and site:
  - a. Sign into server **tableautest.mednet.ucla.edu** if you need to publish to the **Development** or **Validation** sites
  - b. Sign into **tableau.mednet.ucla.edu** if you need to publish to the **Ad Hoc** or **Production** sites



3. Open your workbook from the Save Folder

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4. Go to **Server** on the top navigation and make sure you're publishing to the correct server and site and choose **Publish Workbook** 

🙀 Tableau - Superstore [Read-Only]		
File Data Worksheet Dashboard	Story Analysis Map Format	Server Window Help
	• @ •   13 +L +F @ • Abc   🖬 • [	Signed in to https://tableautest.mednet.ucla.edu (Development) 🔸
Dashboard °	Executive Ove	Open workbook
Performance	Executive Ove	Publish workbook
Forecast     What If Forecast     G    L M		Publish data source
SaleMap SalesbyProduct		Start Tableau Online Sync Client
SalesbySegment		Tableau Public

#### **Common Migration Issues**

If you go to **Server** on the top navigation, and see the **Signed into...** is disabled, it's because you are currently connected to a data source from that server. If you open up a new workbook, by going to **File > New**, you'll be able to sign into the appropriate server and then open your saved workbook from that Tableau instance.

#### **CoE Auditing**

All Tableau developers within a CoE can view the CoE Auditing workbook. This workbook contains information on content views, access list, and space storage information.

#### How to access the CoE Auditing Workbook:

Locate the workbook here: https://tableautest.mednet.ucla.edu/#/site/Development/workbooks/377/views

Or:

- 1. Sign into tableautest.mednet.ucla.edu server, Development site
- 2. Locate and open the Administration project
- 3. Select the CoE Auditing workbook
  - a. If you do not see this workbook, please e-mail SelfServiceAnalytics@mednet.ucla.edu





### Available CoE Auditing Views:

#### Workbook and View Traffic

UCLA			ic Goes to Views? (Clic		Office of Health Informatics & Anal
oE Acronym	Date Range for Views	Site	Project Name		
Interprise	<ul> <li>Previous month</li> </ul>	Production	• Enterprise	•	
/hat Are the To lover over Workboo	otal Views by Workbook or View? w Name and click the + sign to display the	specific views.)			
Project Name	Workbook Name				
Enterprise	MOVERS Dashboard				445
	Core Measure		185		
	1st/3rd Next Available Summary Dashboard		139		
	InBasket Action Report	71			
	Physician Speciality & Taxonomy Codes	49			
	30-Day Readmission Dashboard	29			
	Mortality Dashboard	27			
	Tableau 10 Update	15			
	1st 3rd Next Available Summary Dashboar.	14			
	Hospital Acquired Infections Dashboard	12			
	HCAHPS - Patient Expereience	9			
	LOS Dashboard	6			
	Financial DM Data Dictionary 2017.05.23	3			
	Referral Dashboard	0 50 100	150 200 250 View Cor		400 450
hat Is the Tre	nd by Workbook or View?		Who Accesses Views Most Of	iten?	
90 80 70 60 50 46 41 40 20 20 24 10	30 33 38 36 38 36 22 7 3 4	68 60 72 40 53 33 23	20 13 9 9		743
	g 4 Aug 9 Aug 14 Aug 19	Aug 24 Aug 29	8		

## Access to Projects and Workbooks

CoE Acronyn	1 5	ite		Project Name		Workbook Name	Group Name		User Name	
Enterprise		(All)	*	Enterprise	٠	Null	(All)	¥	(All)	•
Site Production	Project Name Enterprise		Role Project Leaders Publishers	Group Name OHIA_Tableau OHIA_Tableau OHIA_Tableau OHIA_Tableau	_OHIA_ _QIA_L _DOM_	BI_Team_Lead ead Pub	User Nam	er R, Da Mick (kyruith) par L, Barry Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina Marina	L Automotion	

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#### Stats for Space Usage

UCLA Healt	Site		Project	Data Source or Wo	orkhooks isitiisi	ng An Extract?	Name	116	ser	f Health tics & Analyti
Enterprise •	Production	•	Enterprise	<ul> <li>(All)</li> </ul>	<ul> <li>(All)</li> </ul>		<ul> <li>(All)</li> </ul>		All)	
				0.02224 Total Size						
Vhat Workbooks and	d Data Sourc	Project	e Most Space?	User	Site					
Name		Enterprise	)	User	Production					5 MB
		Enterprise		10000	Production				5 M	
		Enterprise		1000010	Production				4 MB	
		Enterprise	9	Angliang	Production			3 MB		
		Enterprise	9	(Departed)	Production		1 MB			
		Enterprise	9	Angling	Production		1 MB			
		Enterprise	9	1000010	Production	522 KB				
		Enterprise	)	171000	Production	246 KB				
		Enterprise	•	1111010	Production	226 KB				
		Enterprise	9	171000	Production	200 KB				
		Enterprise	9	17.000	Production	111 KB				
C. C. Statistics of Table		Enterprise	÷	1714014	Production	29 KB				
		Enterprise	9	1114014	Production	26 KB				
Towned Street & South		Enterprise	9	171000	Production	23 KB				
						0 1	2	3 4 size in MB =	5	6

## How to Submit a Ticket to Self-Service Analytics Team

This section explains how a Primary Contact or Tableau Administrator can submit a ticket for ongoing Tableau support. Service Level Agreement (SLA) is a max of 10 business days, since these requests often require more than one team to complete them.

To initiate a ticket:

- 1. Go to the UCLA Health Mednet Homepage (https://mednet.uclahealth.org)
- 2. Under the I want to... section, click on Submit an IT service request. From the following page select Request a Service:



3. Your ticket should look like the following:

Important: To report a patient safety or urgent issue, immediately call Customer Care at (110) 267-CARE (2273), Customer Care will ensure properticulation.      Number 1002129322 Ficket Type Service Request     * Caller 60-30-3019 150427     Opened 60-30-3019 150427     Opened by     Contact #     State New     Opened by     Opened	Subm
* Caller 2 2 2 0 Opened 69 59 2015 15.9427 Department Q 0 Opened by 0 0 * Caller State New 0 Atternate Number Building Q 0 Room Boom Costoner watch & ÆDD Q Costoner watch & Æ	oer 🗙
Department Q O Opened by O Opened by State New State New State New State State New State S	
Konder     State     New     State     State     New     State	
Contact #	
Building Q 0 Room Q ogin Department DEP ID Q Custome workh @ @ bit V V V V V V V V V V V V V V V V V V V	
Room	
agin Department DEPID Q Customer watch (b) (B) bat * Short Q (B)	
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Description	

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#### **New Interactors**

Complete the ticket by using the template below. The Yellow highlighted fields indicate data you should provide that is specific to your CoE, i.e. your CoE name, users that need access, the correct AD Group they need to be added to, etc. Security groups are synced with Tableau Server 3 times a day every 8 hours, e.g. 6am, 2pm and 10pm. Please note, if your access is provisioned during these windows, try again after the next sync.

Short Description field: [CoE Name or Acronym] CoE – New Interactor Request Description field:

- Ticket for: OHIA Self-Service Engagement
- AD Name of User(s):
  - <mark>○ JSnow</mark>
  - <mark>○ JDoe</mark>
  - JSmith
- AD Group Name of Project that user needs to be added to (You can view the names of the AD groups on the <u>CoE Auditing Dashboards</u> or your original "Tableau Setup Complete" e-mail)

,		
Short Description	ABC CoE- New Interactor Request	
Description	Ticket for: OHIA Self-Service Engagement	
	AD Name <mark>: JSnow</mark>	
	JDoe JSmith	
	AD of Project: OHIA_Tableau_ABC_Strategy_Int	

#### New Publisher(s)

Complete the ticket by using the template below. The Yellow highlighted fields indicate data you should provide that is specific to your CoE, i.e. your CoE name, users that need access, etc.

**Short Description** field: [CoE Name or Acronym] CoE – New Developer Request **Description** field:

- Ticket for: OHIA Self-Service Engagement
- Developer's Full Name
- AD Name:
- Role: Lead, Tableau Admin, or Publisher?
- Publisher AD Group Name (You can view the names of the AD groups on the <u>CoE</u> <u>Auditing Dashboards</u> or your original "Tableau Setup Complete" e-mail)

★ Short	ABC CoE – New Developer Request	
Description		
Description	Ticket for: OHIA Self-Service Engagement	
	Developer's Full Name: Joe Bruin	
	AD Name: JBruin	
	Role: Publisher	
	Publisher AD Group Name <mark>: OHIA_Tableau_ABC_Pub</mark>	

#### New Project(s)

Complete the ticket by using the template below. The Yellow highlighted fields indicate data you should provide that is specific to your CoE, i.e. your CoE name, users that need access, etc.

Short Description field: [CoE Name or Acronym] CoE – New Project Request Description field:

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- Ticket for: OHIA Self-Service Engagement
- Proposed Project Name
- Will it be a Non-Restricted Information or Restricted Information project?
- List of Interactor's AD Names (If applicable)



#### **General Tableau Questions?**

Complete the ticket by using the template below. The Yellow highlighted fields indicate data you should provide that is specific to your CoE, i.e. your CoE name, users that need access, etc.

**Short Description** field: [CoE Name or Acronym] CoE – Tableau Assistance **Description** field:

- Ticket for: OHIA Self-Service Engagement
- Detailed description of your question/issue
- Screenshots if applicable

Short Description	ABC CoE- Tableau Assistance
Short & Complete	
Description	Ticket to: OHIA Self-Service Engagement
	I need help troubleshooting my report which contains RI. I cant get my calculation to work.

Issue In	Problem	Resolution Steps
Dual Access Authentication (DUO)	<ul> <li>Cell phone number change</li> <li>Device change (same phone number)</li> </ul>	Call Helpdesk (310-794-4357)
Citrix Issues	Tableau won't launch in Citrix (user has previously accessed)	Call Helpdesk
Locked Out When Logging into Citrix (AD)	Can't log in to Citrix using AD account (user name):	Call Helpdesk (310-794-4357)
Locked Out When Logging into Citrix (DUO)	<ul> <li>Waited too long to approve DUO authentication, resulted in this error message:</li> <li>Windows Security</li> <li>Your account has been locked out due to excessive authentication failures. Please contact your administrator.</li> <li>Attempted Five times</li> </ul>	Access will be automatically reset in 5 minutes
Web Browser Issue	User can't connect to Tableau Server	Make sure you are either onsite, or VPNd into the Mednet Network Call Helpdesk (310)794-4357
Interactor/Publis her Access	User has been added to the AD group provisioning them access as either an interactor or publisher but they don't have access yet.	Security is synced 3 times a day; 6am, 2pm and 10pm. If your access is provisioned during these windows, try again after the next sync

## Troubleshooting