

GUIDE – AUGUST 2018

PRINTED 11 JANUARY 2019

EXPLORING MONITORING AND ANALYTICS

VMware Horizon

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Quick Start Tutorial for VMware Horizon Cloud on Microsoft Azure

Exploring Monitoring and Analytics

About Monitoring and Analytics

After setting up Horizon Cloud Service on Microsoft Azure, you can explore the monitoring and analytics functionality. Horizon Cloud Analytics includes dashboard, activity monitoring, and reporting features, which provide the following benefits:

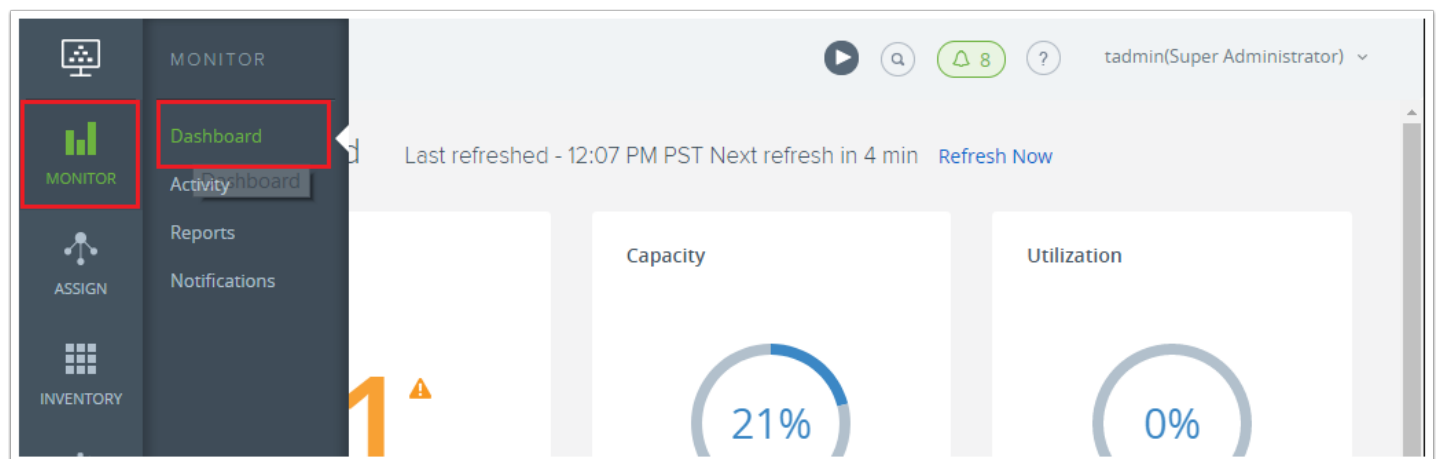
- **Real-time monitoring:** Alerts for common desktop and server issues. Real-time monitoring of desktops and application servers.
- **Contextual metrics:** In-depth information about user experience and resource usage. We leverage contextual metrics to give you details on user experience, and resource utilization.
- **Historical utilization:** Visualize usage with perspective on capacity, concurrency, and uniqueness. The system enables you to go back in time, to visually evaluate differences in how your resources are consumed by your deployment.
- **Endpoint landscape:** Understand access patterns by protocol, client type, and location. We also monitor how information is gathered directly from the endpoints that the users are using to access the system.

The result is that you have one place to go to get all the details you need to monitor the health and performance of your Horizon Cloud Service implementation.

Exploring Dashboard and Status

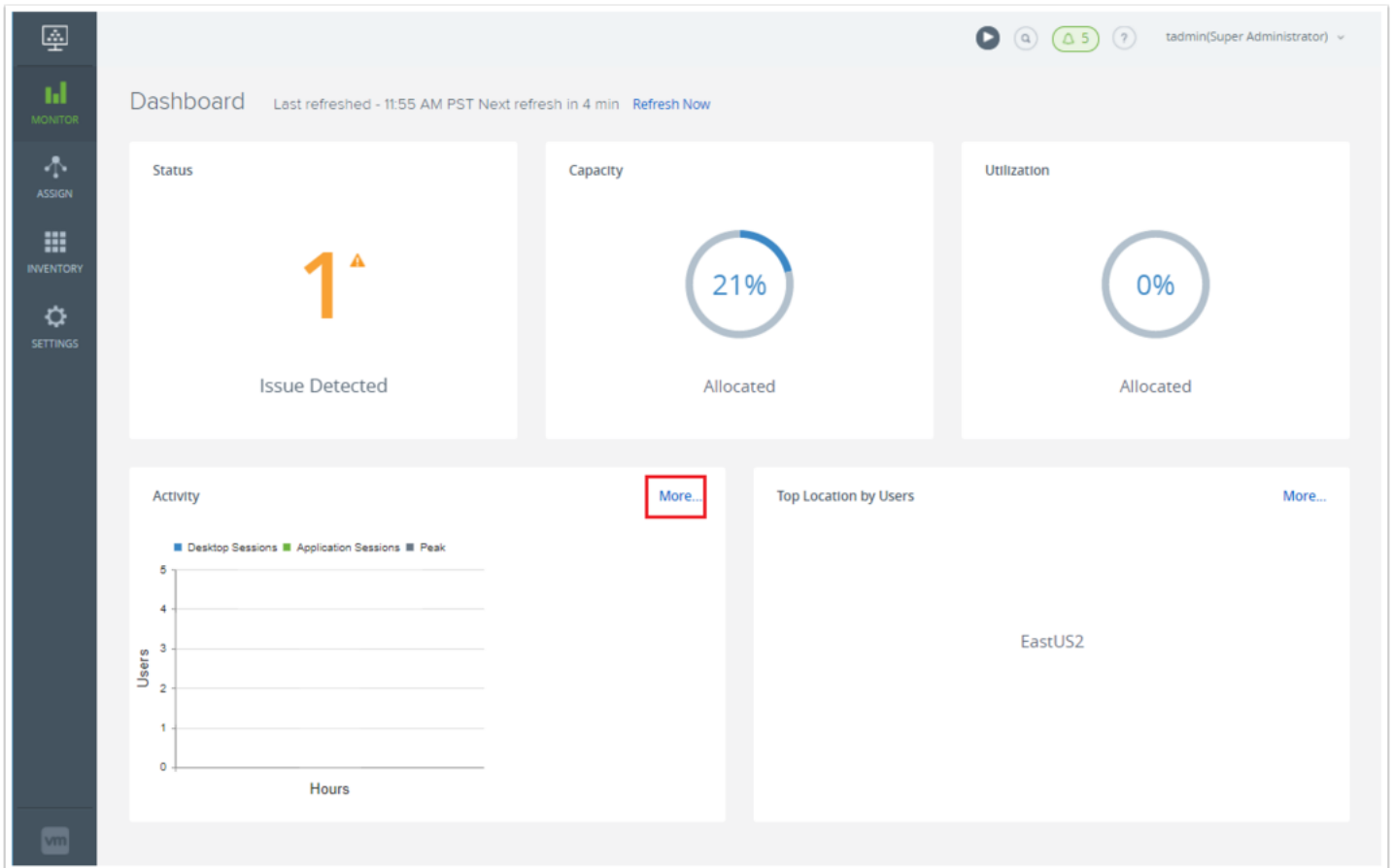
When you launch Horizon Cloud Service for the first time, the Getting Started window is displayed. From this window, you can navigate through the usage dashboards.

Launch the Dashboard



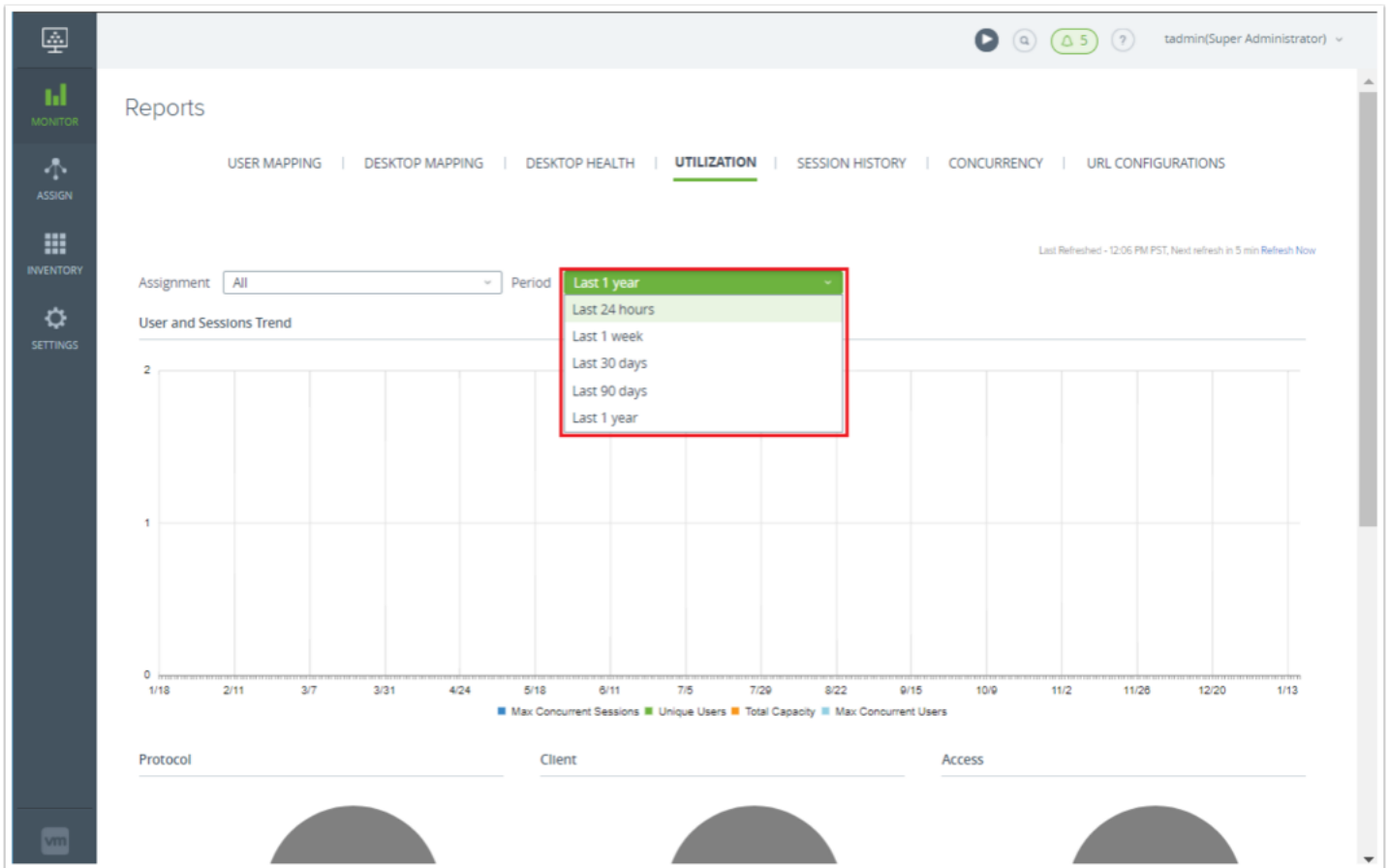
Log in to Horizon Cloud Service, and in the navigation bar on the left, click **Monitor > Dashboard**.

Dashboard Data



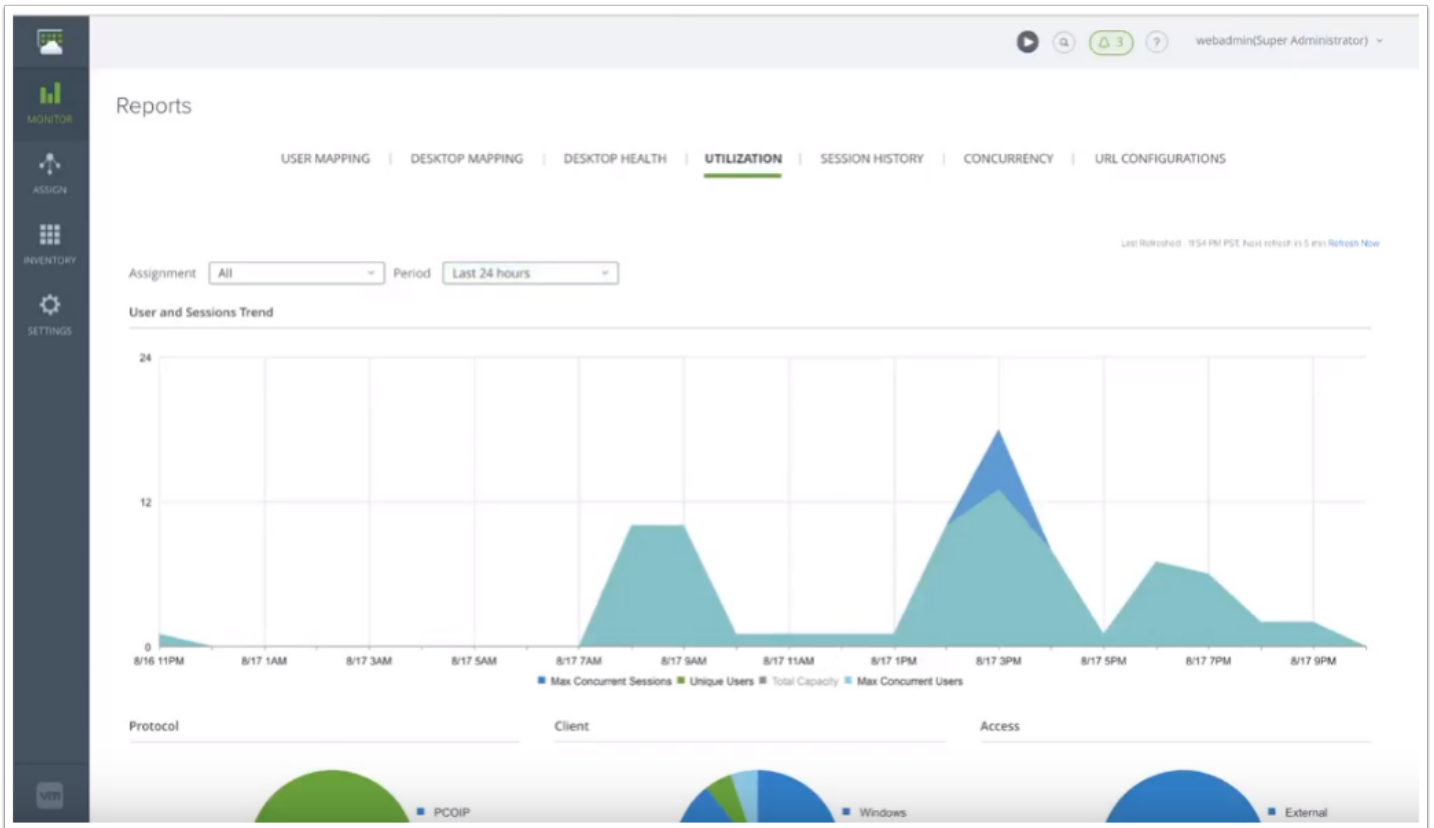
In the **Dashboard** window, you can see the status of your environment, including how much capacity is allocated, and the utilization of your environment. In the Activity pane, click **More** to drill down for more details.

Activity Detail



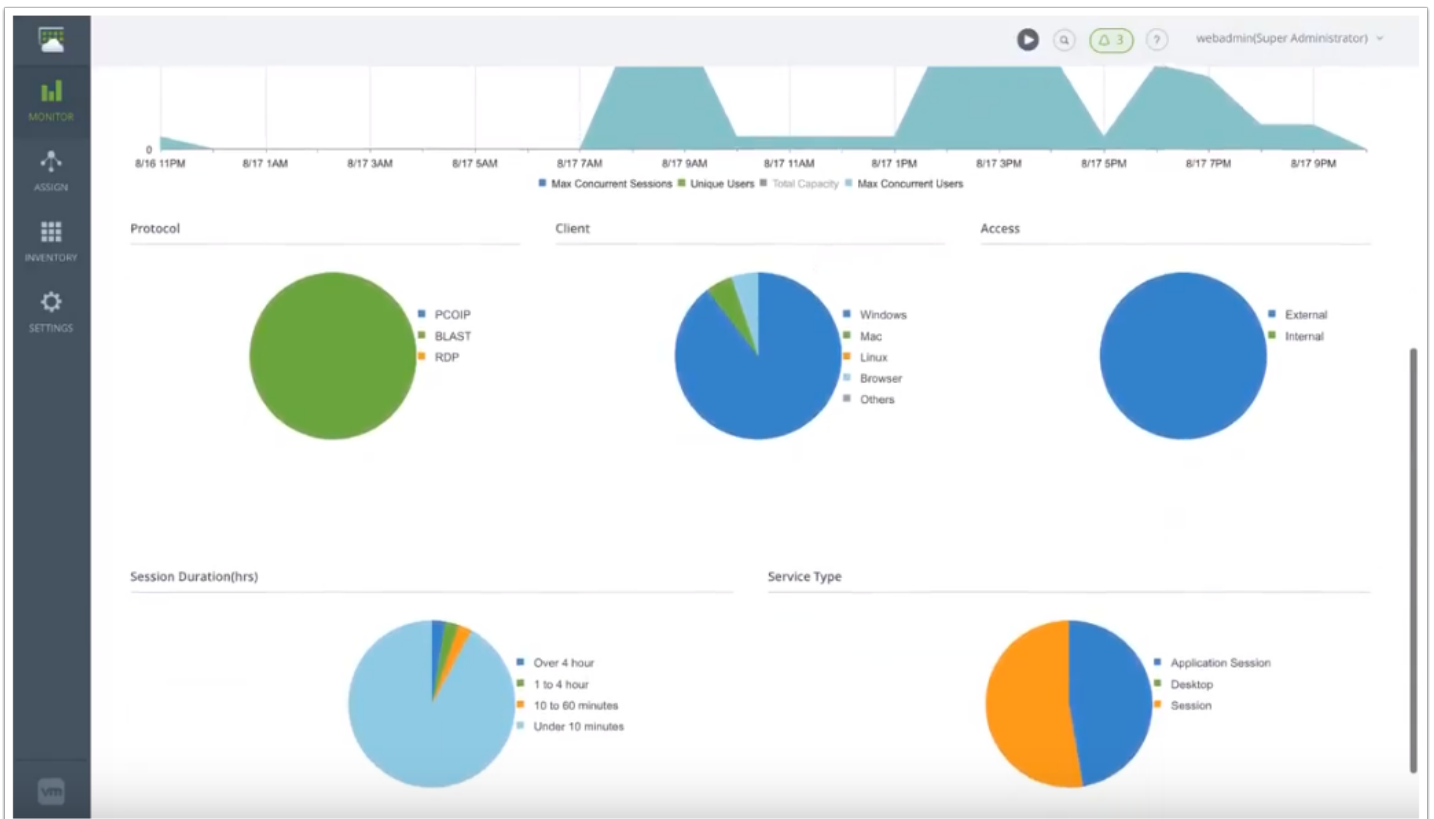
In the Activity pane, select a time range to see the detailed utilization reports for the indicated time range.

Hide Metrics for Better Focus



You can also hide selected metrics to make it easier to focus on the most important details.

Scroll Down to See User Metrics



Scroll down to see which users are using each protocol, which client types they are using, and how long they have accessed the system.

After you finish exploring the dashboards and status features, proceed to the next exercise to explore additional reports, activity monitoring, and notifications.

Exploring Reports, Monitoring, and Notifications

Reporting features make it easy for you to review the health of your Horizon Cloud Service and monitor your end users' experience within the system. Examples of reports include RDSH server health and basic metrics, RDSH session reporting, and RDSH app-level metrics such as user mapping, desktop health, utilization, session history, concurrency, and URL configurations.

Desktop Health Reports

The screenshot displays the VMware Horizon Reports interface. The 'Reports' section is active, with the 'DESKTOP HEALTH' tab selected. The 'Assignment' dropdown is set to 'All', and the 'Status' dropdown is open, showing options: 'All desktops' (highlighted in green), 'All desktops', and 'Desktops with error'. The 'Status' dropdown is highlighted with a red box. The main content area shows 'No results found'. The interface includes a sidebar with 'MONITOR', 'ASSIGN', 'INVENTORY', and 'SETTINGS' options, and a top navigation bar with 'USER MAPPING', 'DESKTOP MAPPING', 'DESKTOP HEALTH', 'UTILIZATION', 'SESSION HISTORY', 'CONCURRENCY', and 'URL CONFIGURATIONS'.

In the Reports window, click the **Desktop Health** tab, and in the Status field, select **All Desktops** to see CPU utilization, disk IOPS, and memory usage. You can view session information for servers within a farm.

View Session Information



The Session History tab shows you who is logged in from where, and for how long. You can change the time scale to view the history up to one year.

View Session History

The screenshot shows the Session History report in the VMware vSphere interface. The report is titled "Reports" and includes a navigation bar with options: USER MAPPING, DESKTOP MAPPING, DESKTOP HEALTH, UTILIZATION, **SESSION HISTORY**, CONCURRENCY, and URL CONFIGURATIONS. A dropdown menu for "Period" is open, showing options: Last 1 week (selected), Last 30 days, Last 90 days, and Last 1 year. The report table displays the following data:

User Name	Last Login Time	Session Duration(hrs)	Weekly Average(hrs)	Session Average(hrs)
SKYLO2	9/28/17 3:23 PM	20min	20min	20min
SKYLO2\azuretest-2	9/28/17 3:26 PM	15min	15min	15min
SKYLO2\azuretest-3	9/28/17 3:56 PM	5min	5min	5min

In the left-hand navigation bar, click **Monitor > Notifications**, and select a time range to see critical system events and notices.

Notification Reports

The screenshot displays the VMware Horizon Cloud Service Notifications interface. On the left, a navigation sidebar includes icons for Monitor, Assign, Inventory, and Settings. The main content area is titled 'Notifications' and shows a list of 5 items. A dropdown menu for the 'Show' filter is open, highlighting 'Last 30 days'. The notifications are as follows:

Type	Status	Date
Service Registration: User 2920 registered IdentityNodeService-http://connector-server:5121/ at http://connector...	Active	1/4/18 1:00 PM
Service Registration: User 2920 registered FileshareNodeService-http://connector-server:5121/ at http://connector...	Active	1/4/18 1:00 PM
Node Offline: AZURE node EUC-TM-01 (4af1fd6d-6e97-484c-a1ba-68cfd245f79a) is offline	Active	1/6/18 3:09 PM
Node Offline: AZURE node EUC-TM-01 (4af1fd6d-6e97-484c-a1ba-68cfd245f79a) is offline	Active	1/9/18 6:23 PM
Node Offline: AZURE node EUC-TM-01 (4af1fd6d-6e97-484c-a1ba-68cfd245f79a) is offline	Active	1/17/18 9:57 PM

For more detailed information about how to use this feature, see [Horizon Cloud Service documentation](#).

After you finish exploring the reports, monitoring, and notification features, the exploration exercises are complete. You have now reached the end of this set of exercises. The next section explores the VMware User Environment Management capabilities in greater depth.



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