

01 - Getting started with Microsoft Azure

Lab: Explore the Azure Portal

Exercise 1: Customizing the Azure portal interface

Task 1: Connect to the Azure portal

Open Microsoft Edge, and then browse to <http://portal.azure.com>.

If you receive a prompt, sign in by using the Microsoft account that is the Global Administrator of your Azure subscription.

Task 2: Explore and customize the Azure portal interface

If the message Choose your default view appears across the top of the portal, select Dashboard and click Save. Click Dashboard from the hub menu on the left. View the tiles on the dashboard.

Click the Service Health tile, and then, in the resulting blade, note the Service Health - Service Issues view. Click Planned maintenance, Health advisories, and Resource health. Note that you can customize each view by filtering categories of items that you are interested in, such as region, service type, or resource type.

Click Microsoft Azure in the upper-left corner to return to the dashboard.

If needed, to expand the hub menu, click the double caret icon directly underneath the Microsoft Azure label.

In the hub menu, click + Create a resource.

On the New blade, review the list of available options, but do not select any.

In the hub menu, click All services, in the All services text box, type Subscriptions, and press Enter.

In the list of results, click Subscriptions.

On the Subscriptions blade, right-click the entry that represents your subscription, and then click Pin to dashboard in the context menu.

Click the Notification icon (bell) in the horizontal bar in the upper-right part of the portal page, and then verify that the subscription tile was pinned to dashboard successfully.

Close the Notifications pane.

Click Microsoft Azure in the upper-left corner to return to the dashboard.

Verify that a new tile that represents your subscription appears on the dashboard.

Leave the Microsoft Edge window that shows the Azure portal open.

Result: Once you completed this exercise, you have signed in to the Azure portal and customized its interface successfully.

Exercise 2: Viewing billing, usage, and quotas data

Task 1: View resource cost and usage in the Azure portal

In the Microsoft Edge window that displays the Azure portal, click the dashboard tile that represents your subscription.

On the current blade, note the pie chart that shows Costs by resource. Click the pie chart to display the Costs by resource blade, which shows a detailed breakdown of resource costs.

Scroll back to the blade that shows your subscription within the Azure portal and click Usage + quotas.

On the current blade, note the current usage and the quotas for different types of resources.

Note: Because this is the beginning of the course, it is likely that the subscription has not incurred any charges and does not include any resources. In this case, you will see a message that usage or billing data is not available. You should consider revisiting this interface on the second day of the course. Additionally, keep in mind that this interface will allow you to track cost of resources going forward, so you should review it frequently.

Task 2: View billing data in Cost Management + Billing

In the Azure portal, in the search bar, type "Cost Management + Billing"

This will show all your subscri[tions, if you have more than 1.]

On the vertical menu on the left side, you will see choices such as Overview, Cost Management, etc. Explore each one.

Click on "Cost Analysis"

If the account wasn't new, there would be some billign data.

Click Download usage details. This will automatically redirect you to the BILLING HISTORY tab.

Click Download usage for the most recent billing period. Note that you have the option of downloading Version 1 or Version 2 - Preview usage data. The latter includes data representing custom tags that you can assign to individual resources or groups of resources. This helps you with identifying charges associated with resources that share common tags.

Do not download the usage report. To view the report, you must use Microsoft Excel, which is not installed on the lab computer.

Close Microsoft Edge.