

Dashboards

Dynatrace Training Module



Agenda

- View dashboards
- Create a custom dashboard
 - Tiles
 - Custom charts
 - Pin to dashboard
- Dashboard Management

Dashboards

View Dashboards ◀

Tiles

Create a Custom
Dashboard

Custom Charts

Pin To Dashboard

Filters

Management

View Dashboards

Search ...

3

Dashboards

Dashboards

Overview of all dashboards you are permitted to view or edit.

Please provide feedback and find planned enhancements at [Dynatrace answers](#).

Filter by

Ownership: Mine

Tag infra

46 Dashboards

Create Dashboard

Favorites

Name

Modified at

Owner

★ Application performance report

May 06 11:51

Dynatrace

★ Remote environments

Jan 30 14:32

roman.windischhofer@dy

★ EC2 Instances

Apr 29 16:13

roman.windischhofer@dy

★ Kubernetes clusters

Apr 16 11:30

roman.windischhofer@dy

★ Synthetic consumption

Mar 26 14:17

roman.windischhofer@dy

Dashboards

View Dashboards

Tiles ◀

Create a Custom
Dashboard

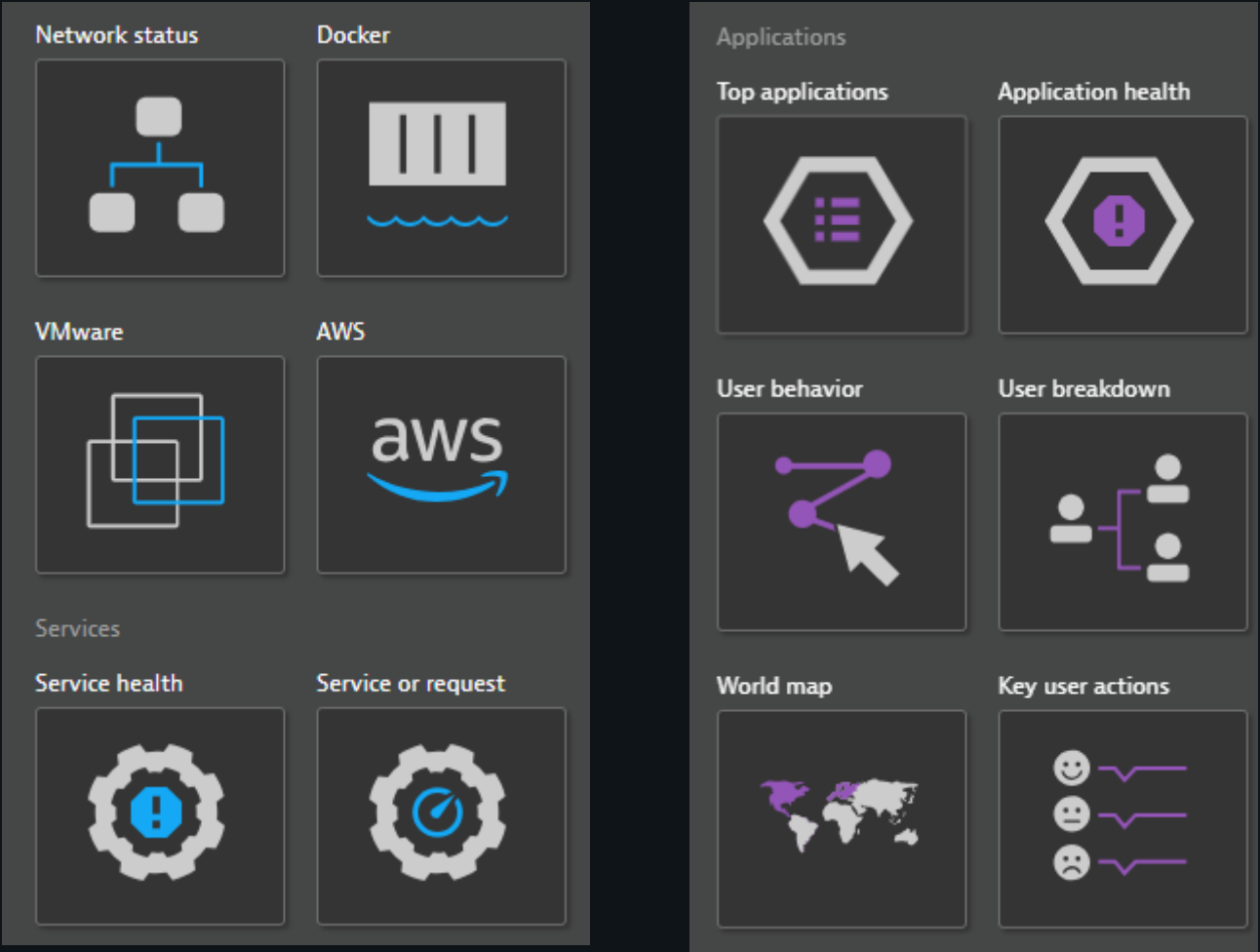
Custom Charts

Pin To Dashboard

Filters

Management

Tiles



Dashboards

View Dashboards

Tiles ◀

Create a Custom
Dashboard

Custom Charts

Pin To Dashboard

Filters

Management

Tiles

- There are many tiles to chose from
- The easiest way to view them is in the Tile Catalog view when you are adding a tile to a dashboard
- Some Examples:
 - Problems
 - Apdex
 - 3rd party providers
 - Applications
 - Key user actions
 - JavaScript errors
 - Live User Activity
 - Conversion goals
 - Services
 - Databases
 - Hosts
 - AWS/VMware
 - Network
 - Synthetic checks

Dashboards

View Dashboards

Tiles

Create a Custom
Dashboard

Custom Charts

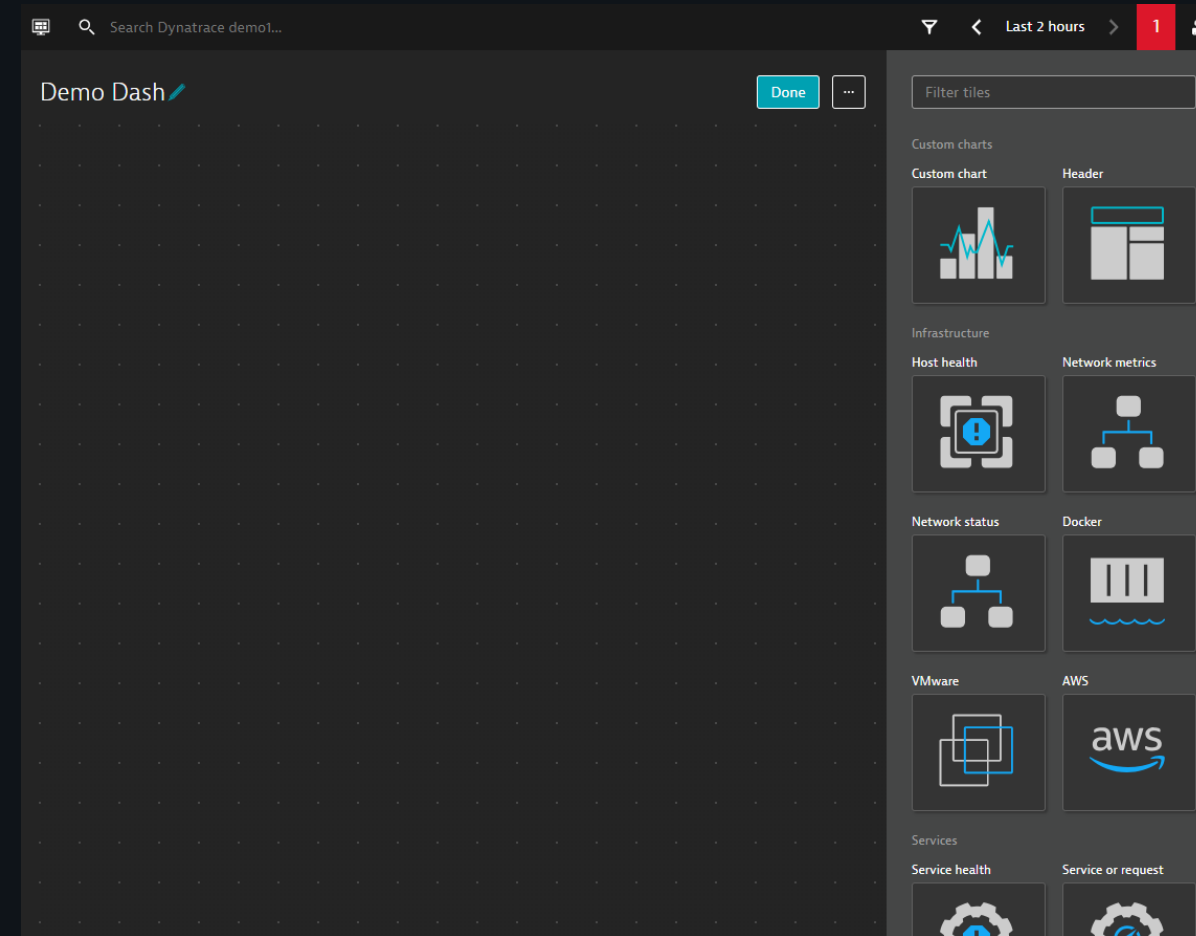
Pin To Dashboard

Filters

Management

Custom Dashboards

- Easily create a new dashboard
- Drag and drop dashboard editor
- Easily search for and find the tiles you need
- Make changes without leaving context of dashboard

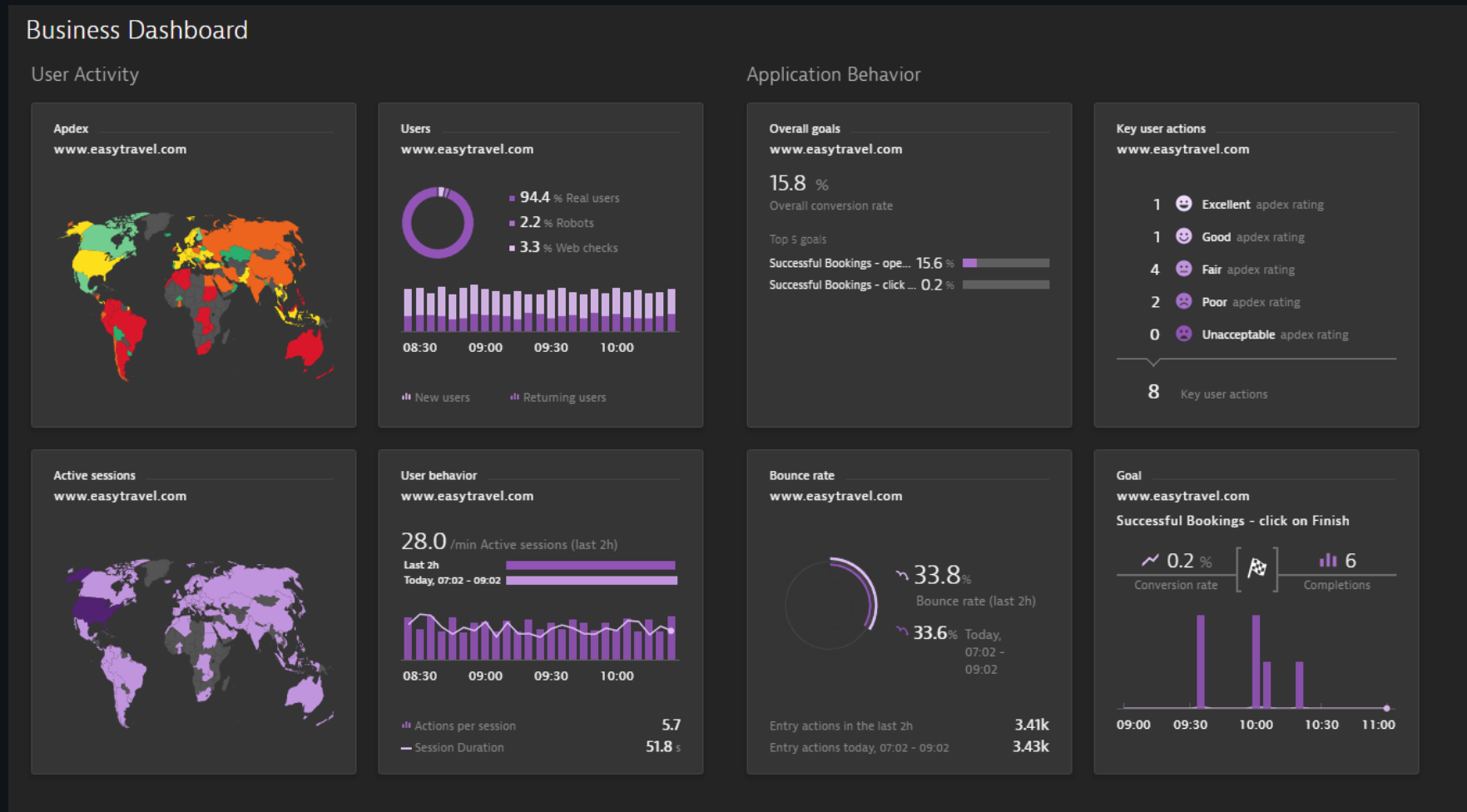


Dashboard Exercise

Hands On: Custom Dashboard

- *Goal:* Create a Custom dashboard for Business users
- *Steps*
 - Create a new dashboard called "Business Dashboard"
 - Create a section called "User Activity" and add the following tiles:
 - World Map, Live User Activity and User Behavior
 - For World Map, add a second tile with a different metric
 - Create a section called "Application Behavior" and add the following tiles:
 - Top conversion goals, Bounce rate, Key user actions, and Conversion Goal
 - For Goal, select one of your conversion goals

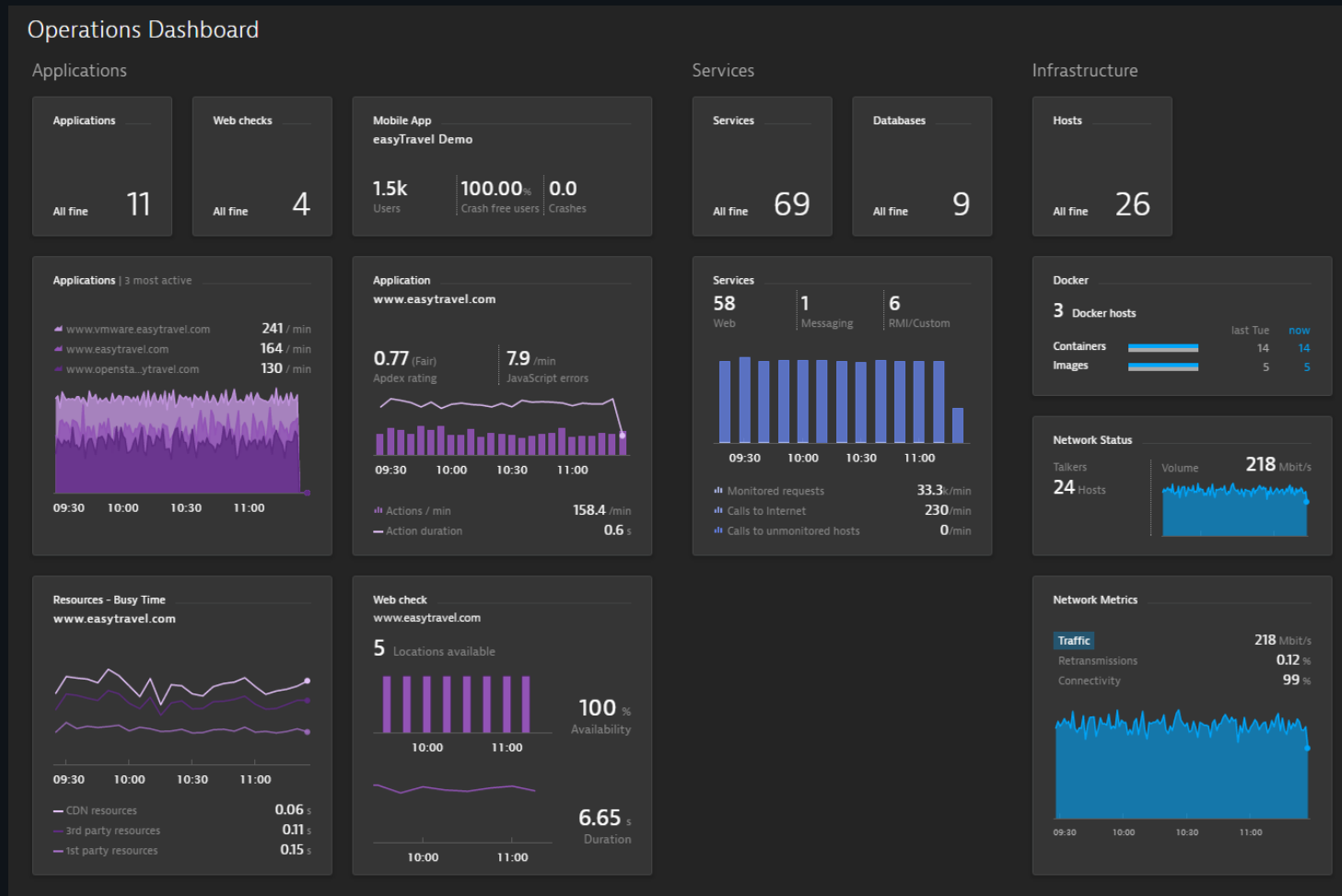
Hands On: Custom Dashboard



Hands On: Custom Dashboard

- Goal: Create a Custom dashboard for Operations
- Steps
 - Create a new dashboard called "Operations Dashboard"
 - Create a section called "Applications" and add the following tiles:
 - Application Health (number version), Synthetic monitor health, Application Health (graph version), Resources – Load Time
 - Mobile App, Application, Browser monitor
 - Create a section called "Services" and add the following tiles:
 - Service health, Databases
 - Create a section called "Infrastructure" and add the following tiles:
 - Host health, Docker, Network Status, Network Metrics

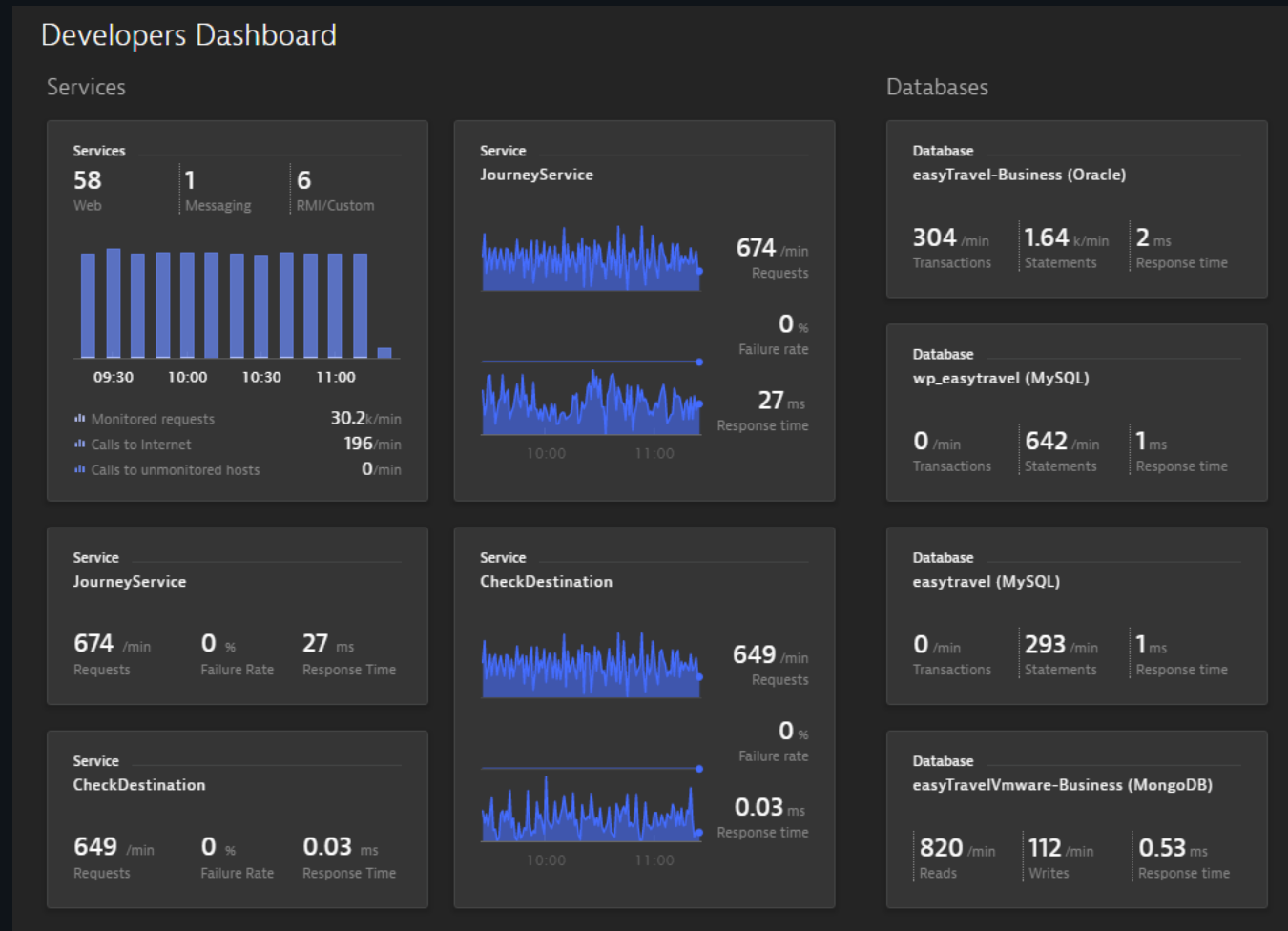
Hands On: Custom Dashboard



Hands On: Custom Dashboard

- *Goal:* Create a Custom dashboard for Developers
- *Steps*
 - Create a new dashboard called "Developers Dashboard"
 - Create a section called "Services" and add the following tiles:
 - Service health
 - Select the top two services and add tiles for Service or request
 - Create a section called "Databases" and add the following tiles:
 - Select the top 2-4 database services and add tiles for Database performance

Hands On: Custom Dashboard



Dashboards

View Dashboards

Tiles

Create a Custom
Dashboard

Custom Charts ◀

Pin To Dashboard

Filters

Management

Custom Charts

Custom chart✎

[Pin to dashboard](#)

Services

Applications

Processes

Hosts

Select metrics related to the services, applications, processes, or hosts you want to monitor.

Then select a chart type and aggregation types for the metrics you've selected.

Your custom chart tile will appear on your dashboard. Click it to drill down into the metrics you're analyzing!

Metrics

Add metric

Category

All (2555)

Metric

Select metric

Dashboard Exercise

Hands On: Custom Chart

- *Goal:* Add a custom chart for Service metrics
- *Steps*
 - Create a new dashboard called "Custom Charts"
 - Create a section called "Services" and add 4 Custom Chart tiles
 - Add the following metrics, one to each chart:
 - Category = Services / Metric = Services > Request Count
 - Category = Services / Metric = Services > Response Times
 - Category = Services / Metric = Services > Request Count + Filter = Service Type "Database"
 - Category = Services / Metric = Services > Response Times + Filter = Service Type "Database"
 - Edit the title for each chart
 - Take note of the chart resolution displayed in the top right corner. Try adjusting your timeframe to see how it changes.

Hands On: Custom Chart

Custom Charts



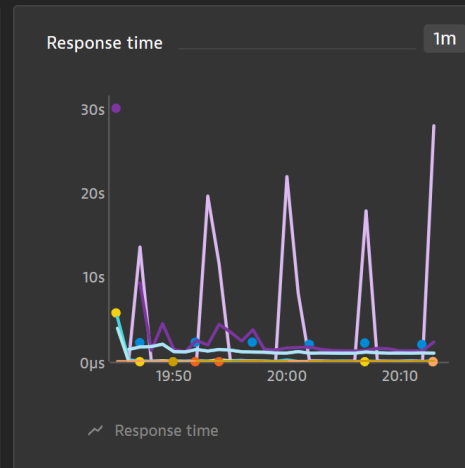
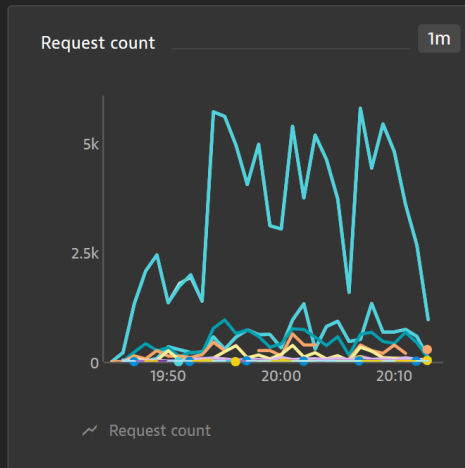
Hands On: Custom Chart

- *Goal:* Add a custom chart for Infrastructure metrics
- *Steps*
 - Open the dashboard called "Custom Charts"
 - Create a section called "Infrastructure" and add 4 Custom Chart tiles
 - Add the following metrics, one to each chart:
 - Category = Hosts / Metric = CPU Usage %
 - Category = Hosts / Metric = Memory Used %
 - Category = Hosts / Metric = Disk Used %
 - Category = Hosts / Metric = Network Interface Bytes Received on Host
 - Edit the title for each chart

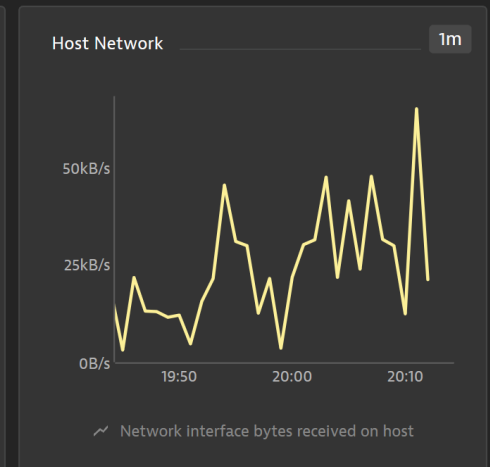
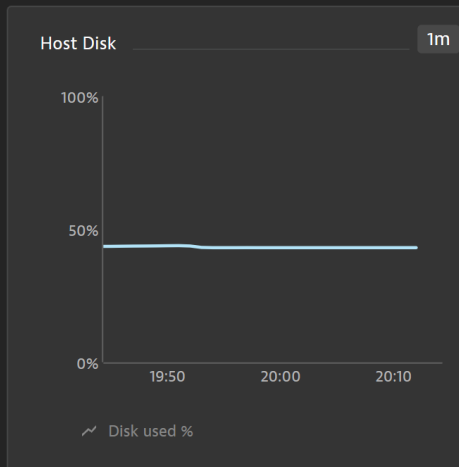
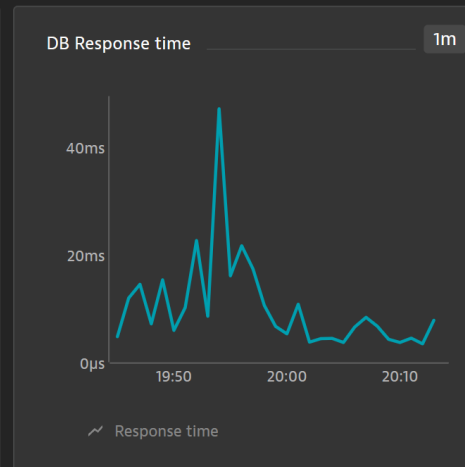
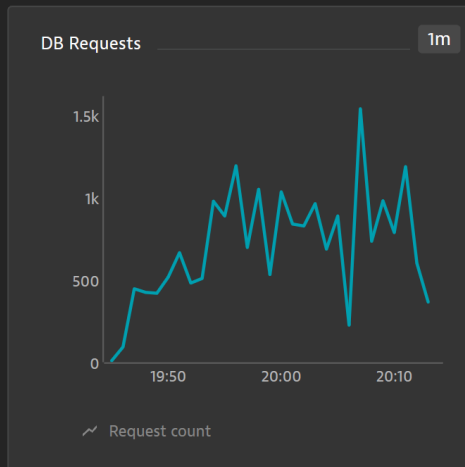
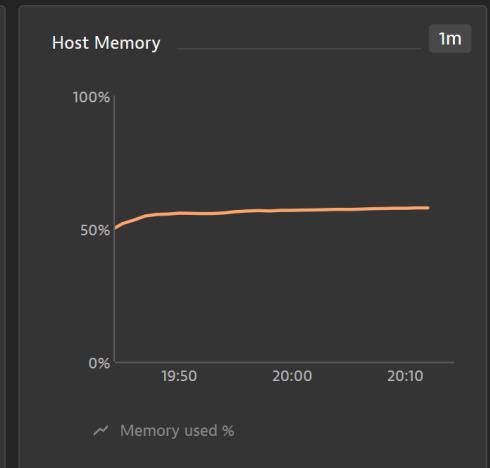
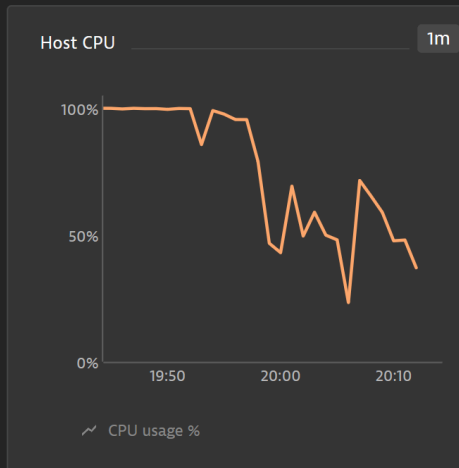
Hands On: Custom Chart

Custom Charts

Services



Infrastructure



Dashboards

View Dashboards

Tiles

Create a Custom
Dashboard

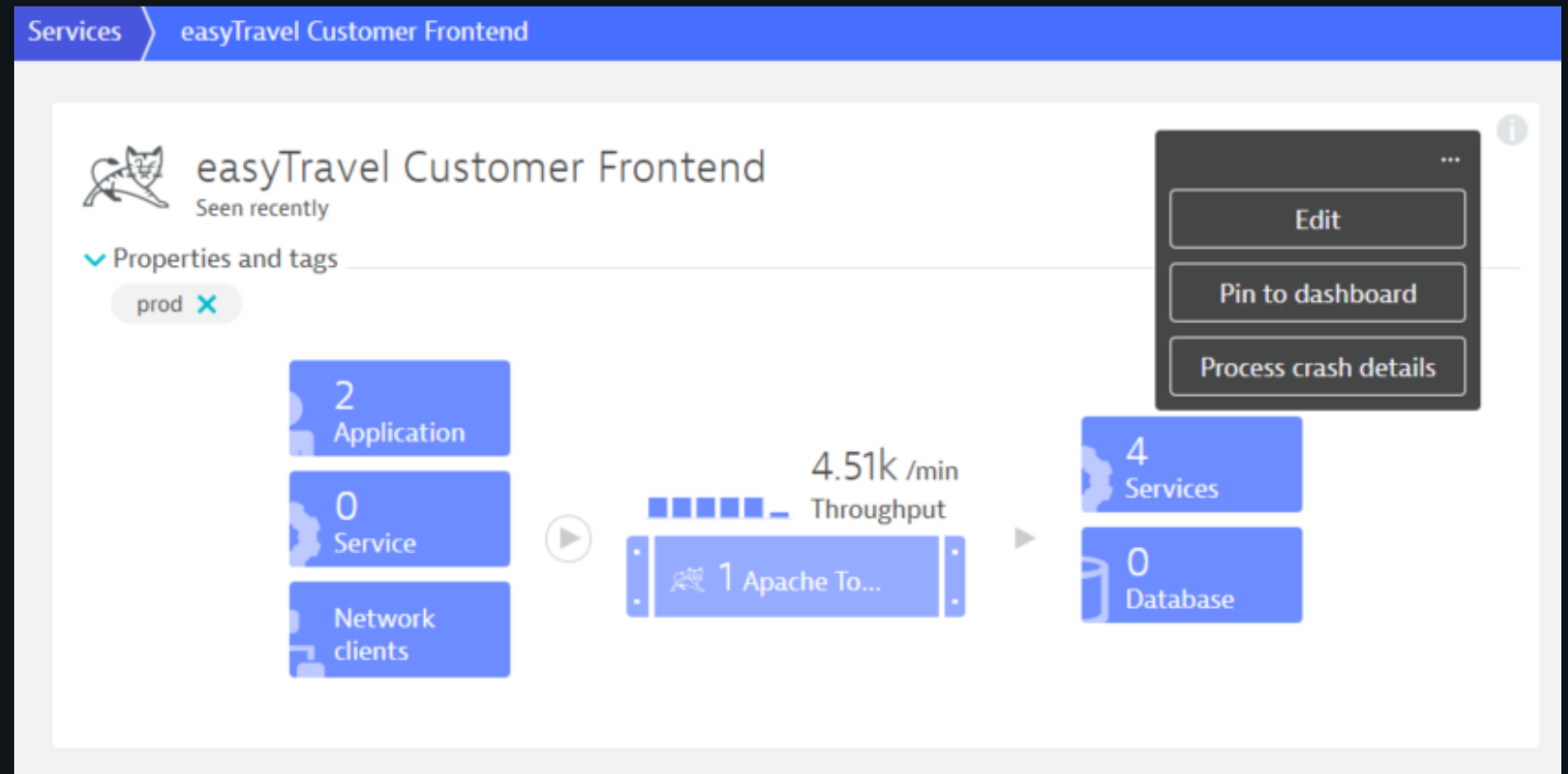
Custom Charts

Pin To Dashboard ◀

Filters

Management

Pin To Dashboard



Dashboard Exercise

Hands On: Pin to Dashboard

- *Goal:* Pin a chart to your dashboard
- *Steps*
 - Create a new dashboard called "Pin Tiles"
 - Create a section called "Health" and save the dashboard
 - Open the Hosts view and apply a relevant filter
 - Select "Pin to dashboard"
 - Do the same for Services and Databases

Hands On: Pin to Dashboard

Pin Tiles

Health

GCE Hosts



All fine

1

Web Request Services



All fine

30

Web Services



All fine

8

Derby DBs



All fine

1

Hands On: Pin to Dashboard

- *Goal:* Pin a host/process group/service to your dashboard
- *Steps*
 - Open the dashboard called "Pin Tiles"
 - Create a section called "Services" and save the dashboard
 - Open the Services view and drill into the Service with the highest "Requests"
 - Click the "..." button and select "Pin to dashboard"
 - Do the same for another Service and for the two Databases with the highest "Requests"
 - Click on your first Service tile and drill down to an individual request
 - Click the "..." button and select "Pin to dashboard"

Hands On: Pin to Dashboard

Pin Tiles

Health

GCE Hosts



All fine

1

Web Request Services



All fine

20

Web Services



All fine

5

Derby DBs



All fine

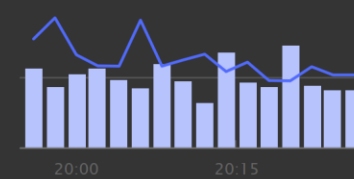
1

Services

Service

easyTravel Customer Frontend

Dynamic requests Resource requests



15.3 ms

337 /min

0 %

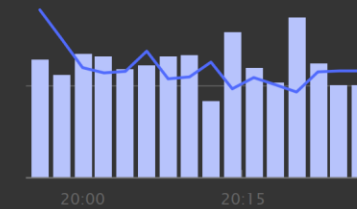
Response Time

Requests

Failed requests

Service

JourneyService



3.6 ms

403 /min

0 %

Response Time

Requests

Failed requests

Key request

/orange-booking-finish.jsf
On easyTravel Customer Frontend



8.2 ms

13 /min

0 %

Response Time

Requests

Failed requests

Database

easyTravelBusiness (Derby Client)

182 /min
Transactions

571 /min
Statements

0.6 ms
Response time

Dashboards

View Dashboards

Tiles

Create a Custom
Dashboard

Custom Charts

Pin To Dashboard

Filters ◀

Management

Filters

The screenshot shows the 'Edit dashboard' modal with two tabs: 'Tiles' and 'Settings'. The 'Settings' tab is active, displaying 'Default filters' and 'Custom chart' sections. The 'Default filters' section includes a 'Default timeframe' set to 'Last 2 hours' and a 'Default management zone' set to 'Easytravel'. The 'Custom chart' section includes a 'Custom timeframe' set to 'Yesterday' and a 'Custom management zone' set to 'Easytravel'. A 'Custom chart' section is also visible, showing a line chart with a '10m' interval and a '15. Aug' date. The 'Custom chart' section includes a 'Configure custom chart' button and a 'Done' button.

Edit dashboard

Tiles Settings

Default filters

The dashboard will open with these filters by default

☒ Default timeframe

Last 2 hours

☒ Default management zone

Easytravel

Custom chart

Custom charts enable you to analyze any combination of monitoring metrics directly on your dashboard.

Configure custom chart

Tile filters

Tile filters override dashboard timeframe and management zone settings.

☒ Custom timeframe

Yesterday

☒ Custom management zone

Easytravel

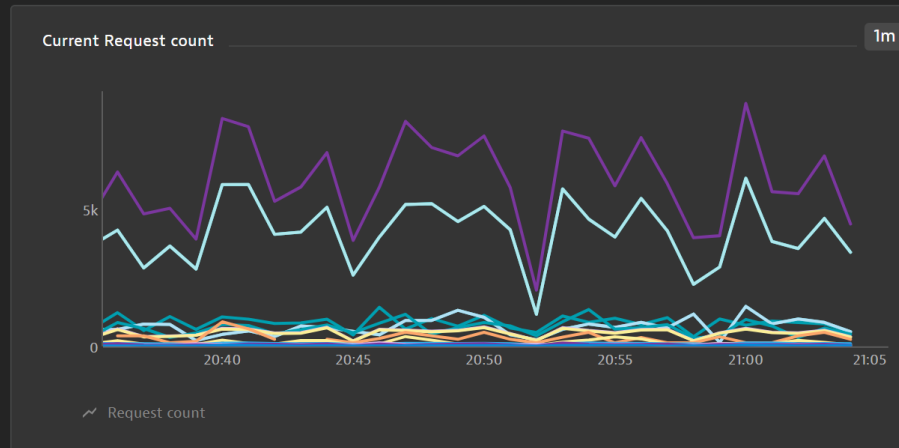
Hands On: Compare Timeframes and Management Zones

- *Goal:* Create a dashboard that displays data for several timeframes
- Steps:
 - Add a custom chart showing number of service requests for the last 30 minutes
 - Clone this tile and specify a custom time range – today
 - Add a custom chart showing the current response time for a key request
 - Clone this tile and specify a custom time range – today
 - Add service health tiles filtered to the customer portal management zone and business portal management zone
 - Take note of the filter icon displayed in the top right corner of the tiles with custom filters. Mouse over to view the details.

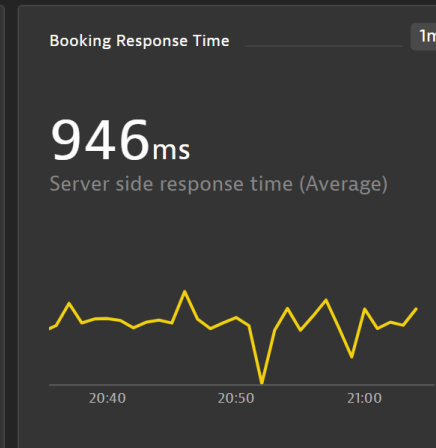
Hands On: Compare Timeframes and Management Zones

Custom Timeframes

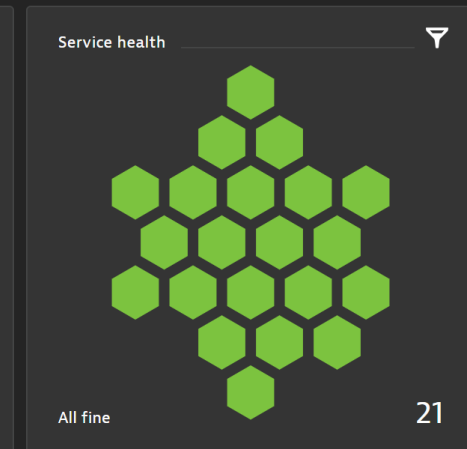
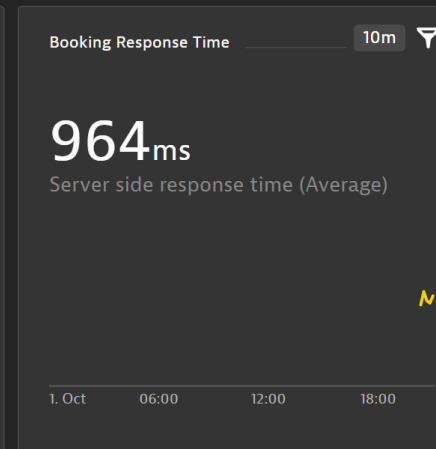
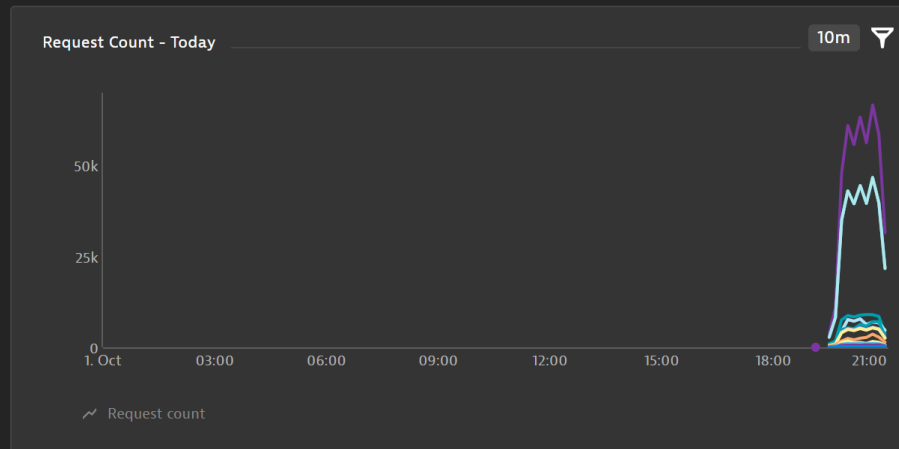
Response Time



KPI Response Time



Service Health



Hands On: Custom Dashboard

- *Goal:* Create your own custom dashboard
- *Steps*
 - Create a new dashboard called "My Dashboard - {initials}"
 - Use your initials or last name
 - Take everything we learned and create a dashboard customized for you or your team

Dashboards

View Dashboards

Tiles

Create a Custom
Dashboard

Custom Charts

Pin To Dashboard

Filters

Management ◀

Management

...

Who has access?

☒ Only you

☐ Anyone with this link can access

Manage access

Edit dashboard

Tiles Settings

Below are a few quick configuration options for your dashboard.

[Advanced settings](#)

Default filters

The dashboard will open with these

Dashboard Exercise

Advanced Settings

- Manage Dashboard Access and Sharing
- Edit/View Dashboard

The screenshot shows the Dynatrace dashboard settings interface. The sidebar on the left has a search bar and a navigation menu with 'Dashboards', 'Application performance report', and 'Dashboard JSON'. The main content area is titled 'Dashboard settings' and includes sections for 'General settings', 'Manage access', and 'Dashboard JSON'. The 'Dashboard JSON' section is active, showing a JSON structure for the 'Application performance report' dashboard. A red box highlights the 'Advanced settings' link in the 'Edit dashboard' sidebar.

Dashboard settings

General settings
Configure general dashboard settings

Manage access
Configure who can access this dashboard

Dashboard JSON
Directly edit dashboard's JSON structure

Dashboard JSON Early Adopter

Directly edit dashboard's source JSON structure

Edit dashboard

Tiles **Settings**

Below are a few quick configuration options for your dashboard.
[Advanced settings](#)

Default filters

The dashboard will open with these

[Upload](#) [Download](#)

```
1 {
2   "metadata": {
3     "configurationVersions": [3],
4     "clusterVersion": "1.194.0.20200506-085215"
5   },
6   "id": "8229e8e4-b1a2-4439-ab5c-7e22e39091a4",
7   "dashboardMetadata": {
8     "name": "Application performance report",
9     "shared": false,
10    "owner": "roman.windischhofer@dynatrace.com",
```


Hands On: Sharing/Cloning Dashboards

- *Goal:* Share/clone a dashboard
- *Steps*
 - Open any one of the custom dashboards you created
 - Click the "... " button and select "Share dashboard"
 - Copy the link and share it with other people
 - Once you go to another user's dashboard, you will be able to see that dashboard in the Dashboards view
 - Open a dashboard from another user
 - Click the "... " button and select "Clone dashboard"
 - You should now see a cloned version of that dashboard in the Dashboards view

Dashboard Reports – Early Adopter

Dashboard Reports

- With Dashboard reports, you can subscribe to dashboards and receive weekly and monthly reports.
 - The Dashboard owner has to enable reports (or you have to clone the dashboard)
- Reports are sent by email and contain a link to view the dashboard in Dynatrace.
- Only Dynatrace users can receive the report emails, but the link is available to everyone.
 - Allowing for easy forwarding and discussion of the report up the chain.

Dashboard reports

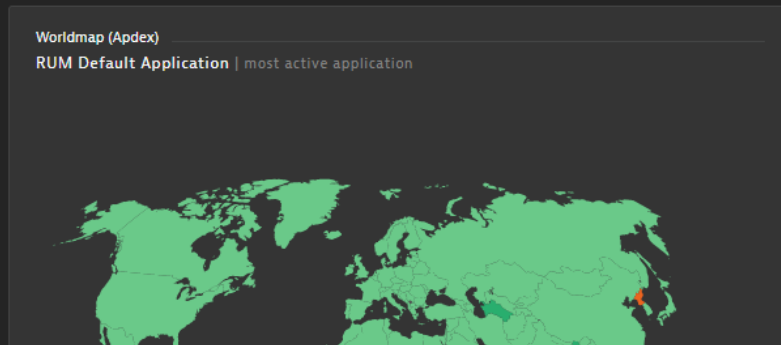
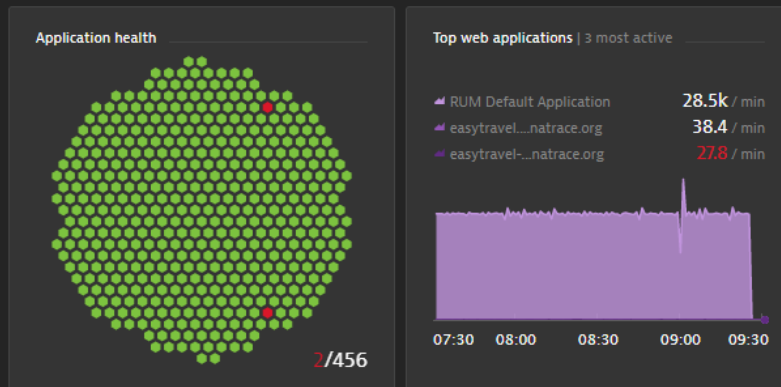
Application performance report

[What are applications in Dynatrace?](#)

Where do your users come from?

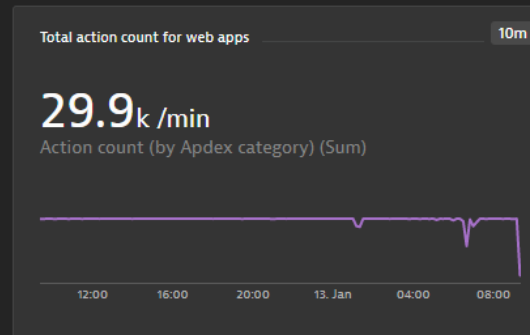
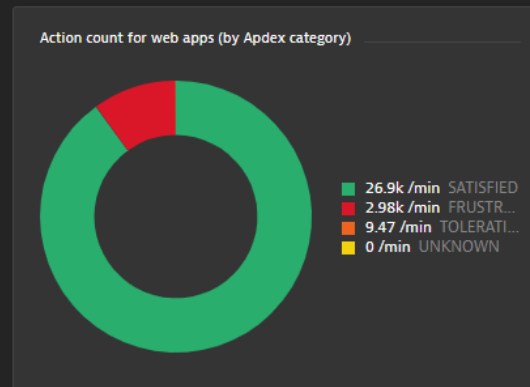
Showing [application health](#) of all apps and top web applications by actions per minute.

Worldmap showing [Apdex ratings](#) for your most active application.



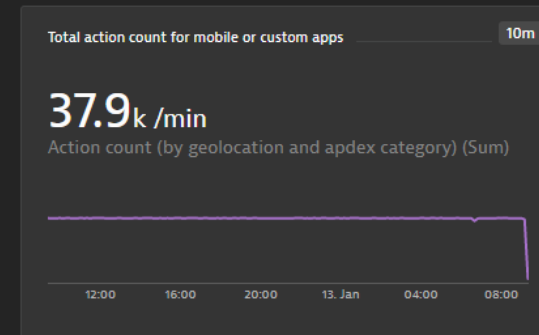
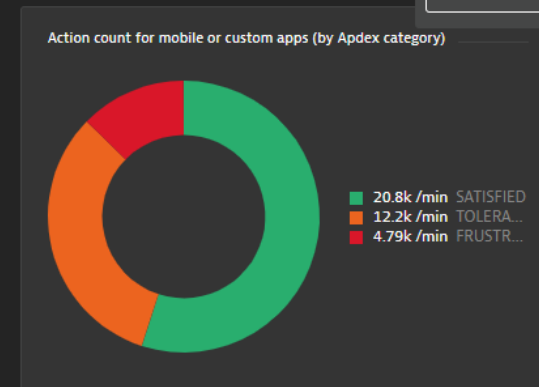
Web apps

Number of all user actions, broken down by their respective [Apdex](#) categories.



Mobile and custom apps

Number of all user actions, broken down by the [Apdex](#) categories.



Dashboard

Subscribe

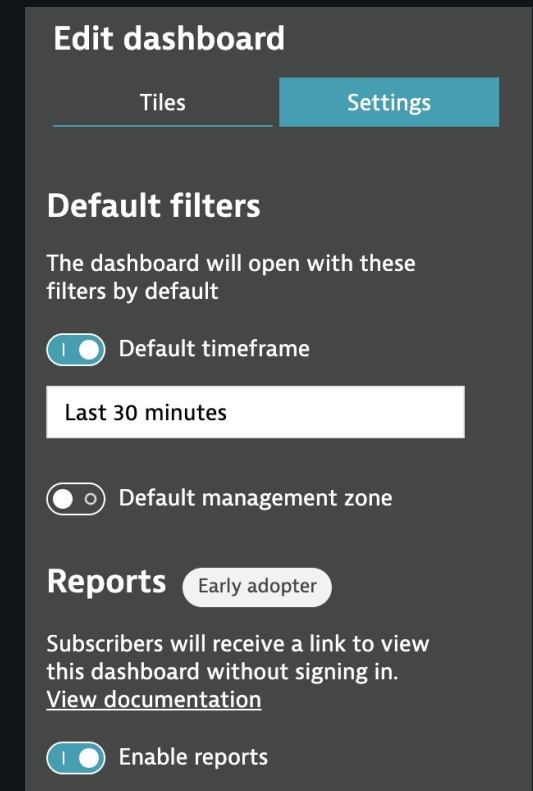
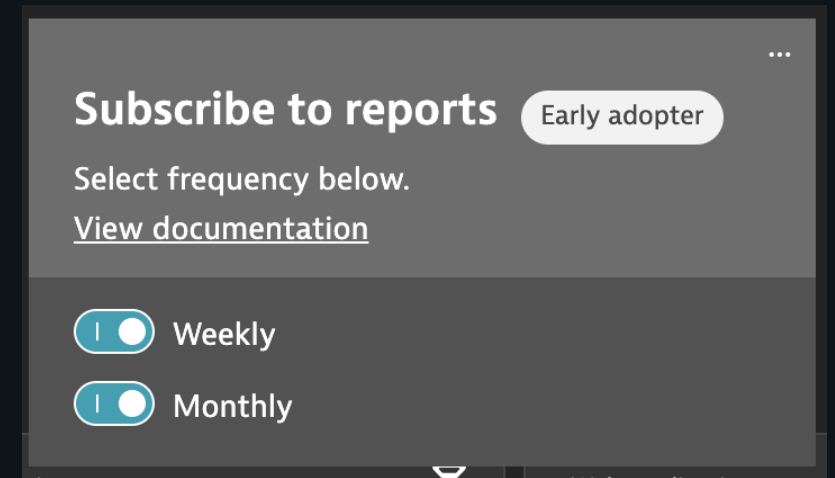
Clone

Share


Delete

Dashboard Reports

- Reports can be sent Weekly or Monthly.
 - Weekly: Delivered every Monday morning
 - Monthly: Delivered 1st Monday of the month
- Reports can be enabled/disabled by using the toggle in dashboard settings



Dashboard Reports



Your dashboard report is ready!

Hi,

Dynatrace has generated a report for you (prod) of the **Problem Dashboard** dashboard over the week **between January 13 and January 19, 2020**.

[View dashboard](#)

You can also share this report with anyone by forwarding the report link

Please reach out to us via in-product chat or email dynatraceONE@dynatrace.com with any questions.

Thank you for your continued business!

Dynatrace ONE Team

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Dashboard Reports

- When a dashboard is removed, all reports of this dashboard are removed with it.
- If a dashboard is edited, the new reports reflect these edits.
- This feature is in early access, so please share your feedback with us.

Questions?



Simply smarter clouds