Dashboards

Dynatrace Training Module

Agenda

- View dashboards

- Create a custom dashboard

  - Tiles

  - Custom charts

  - Pin to dashboard

- Dashboard Management

Dashboards

View Dashboards

Dashboards

View Dashboards

Tiles ◀

Create a Custom
Dashboard

Custom Charts

Pin To Dashboard

Filters

Management

Tiles

Dashboards

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
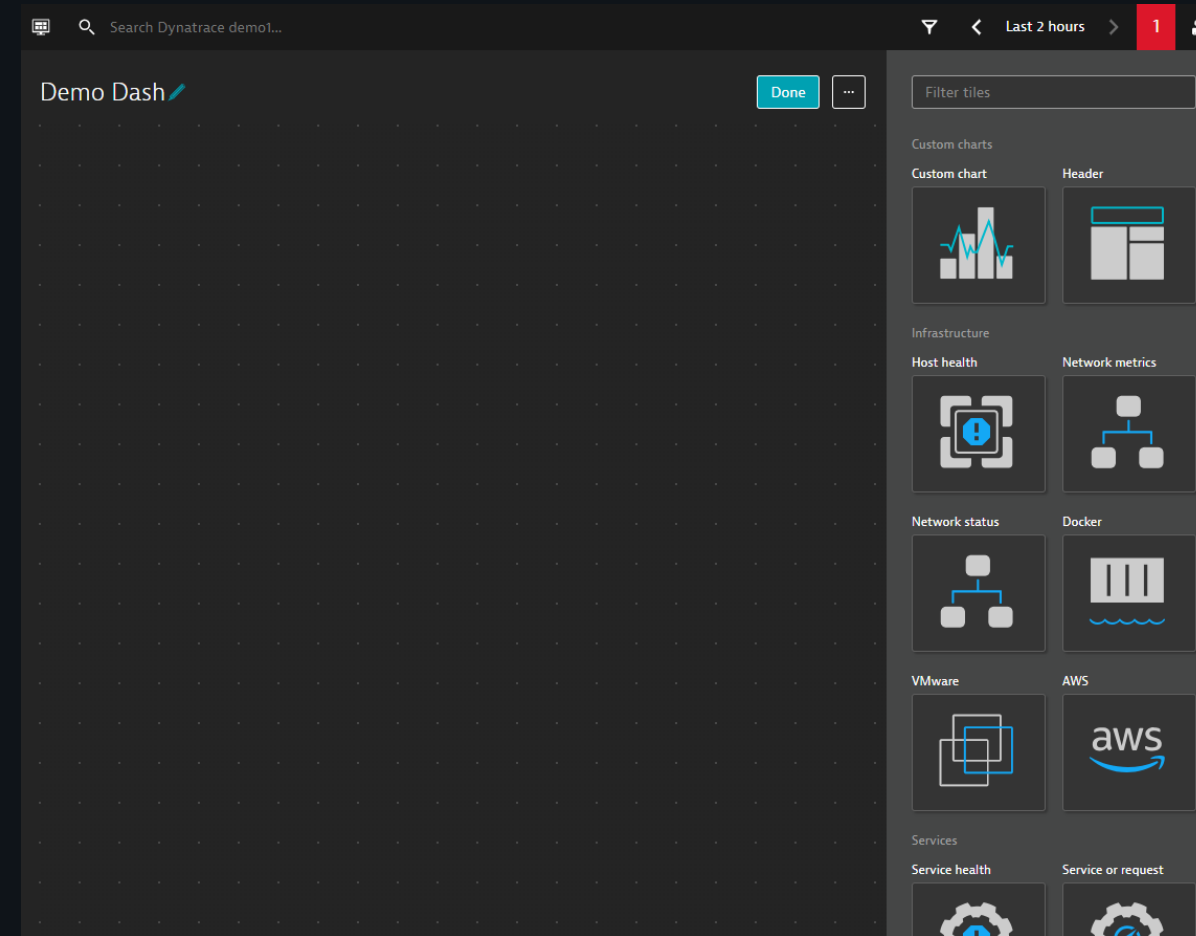 - Databases
  - Hosts
  - AWS/VMware
  - Network
  - Synthetic checks

Dashboards

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

Confidential   8

Hands On: Custom Dashboard
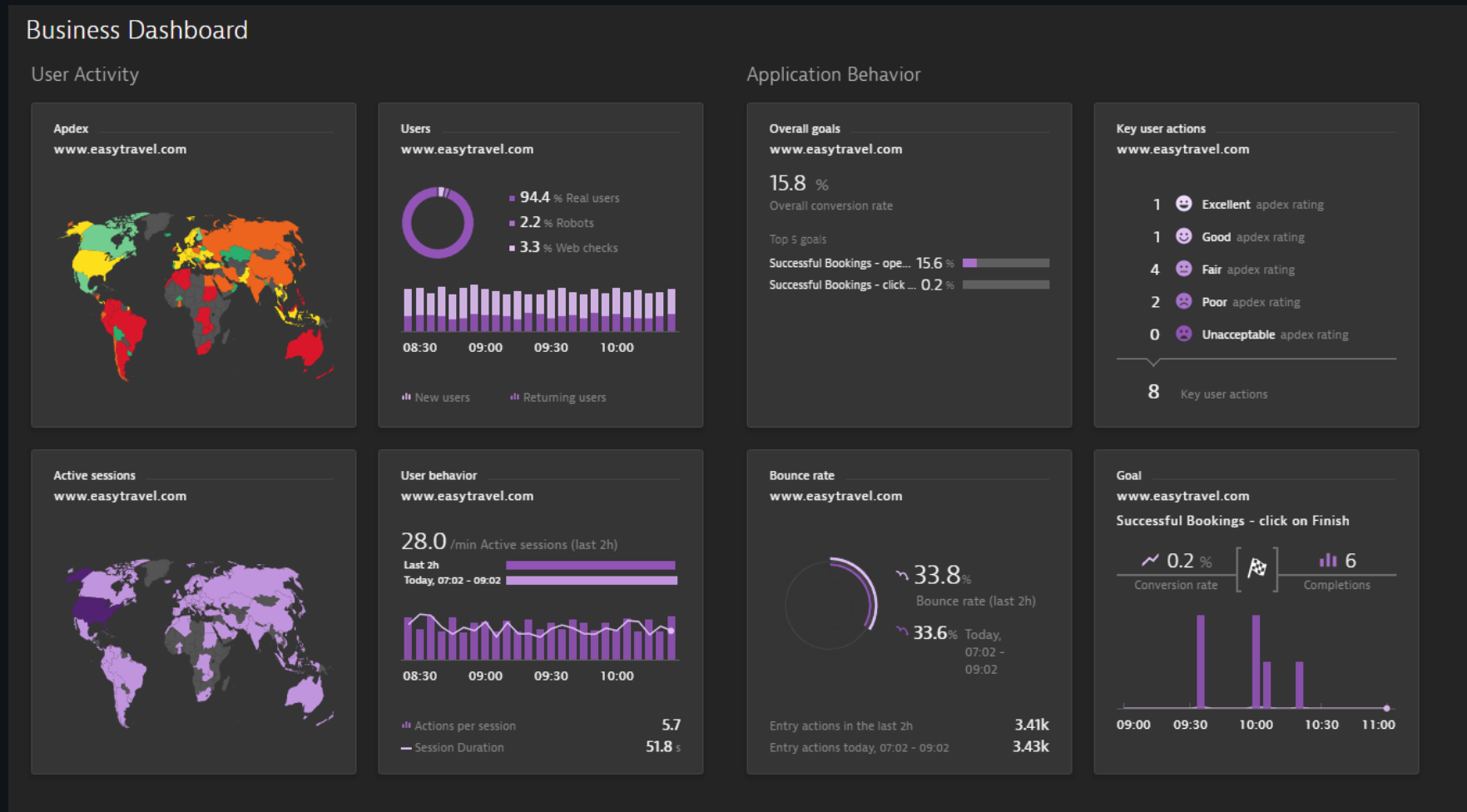
Hands On: Custom Dashboard

- 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
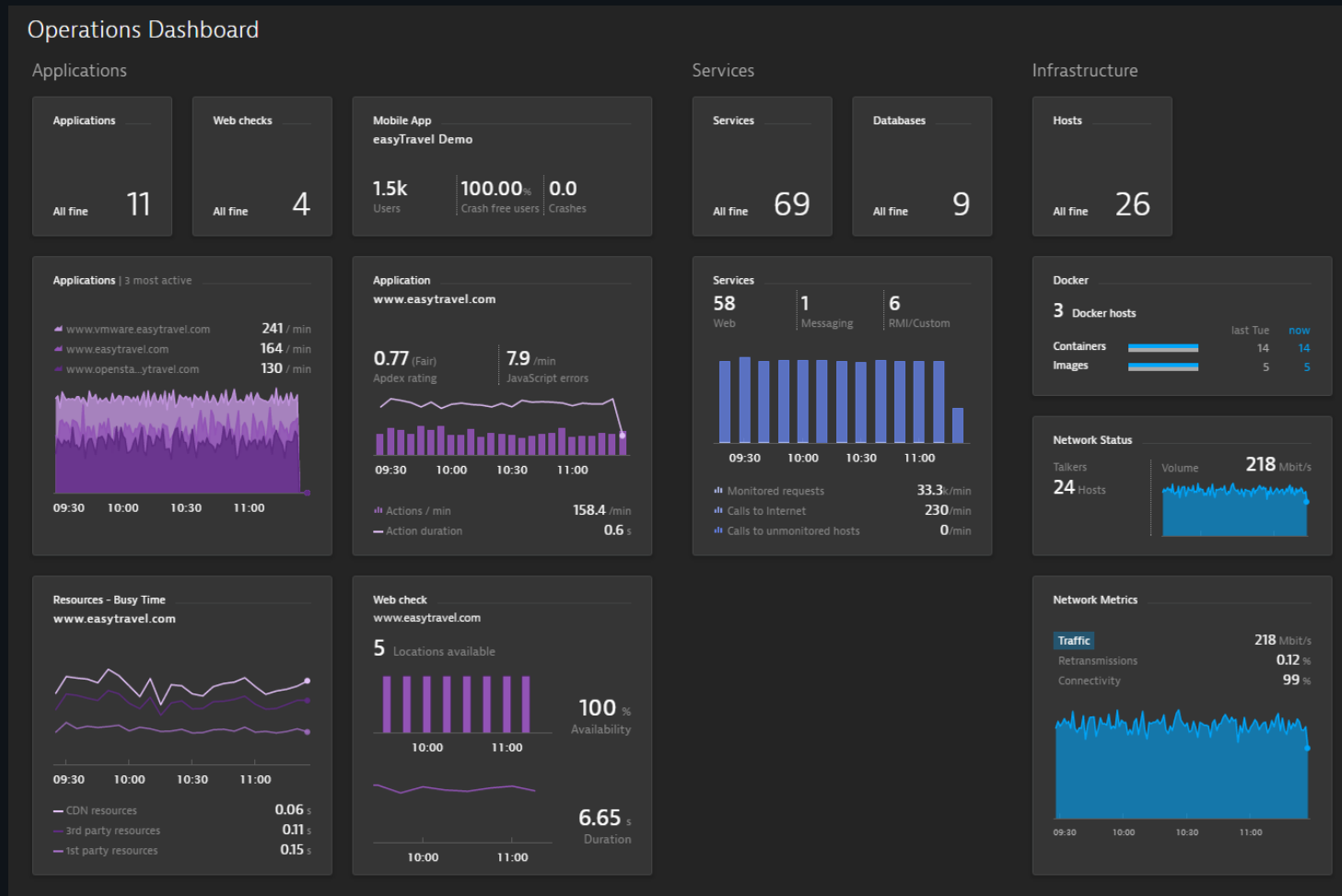
Hands On: Custom Dashboard

- *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
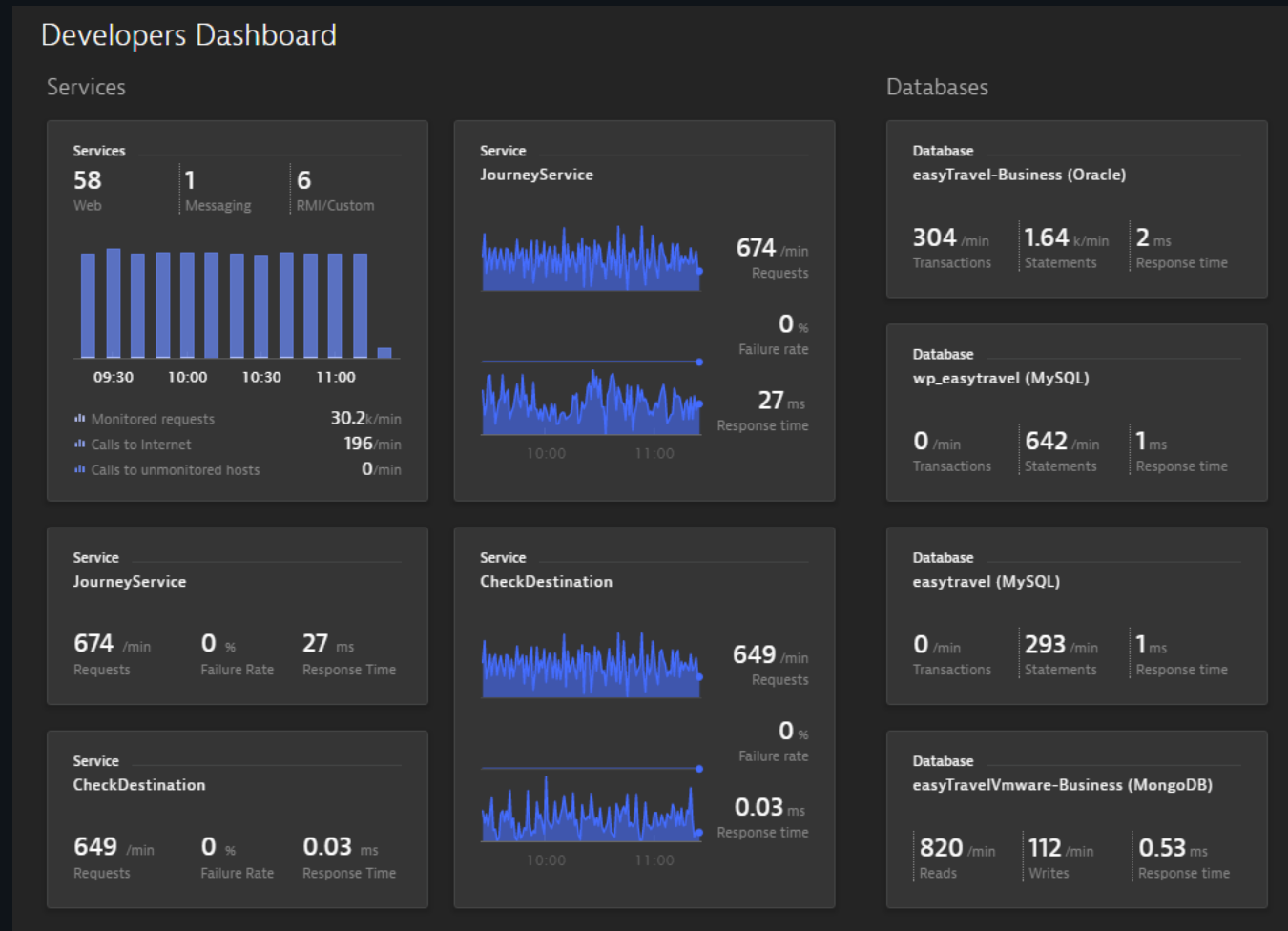
Dashboards

View Dashboards

Tiles

Create a Custom Dashboard

Custom Charts ◀

Pin To Dashboard

Filters

Management

Custom Charts

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.

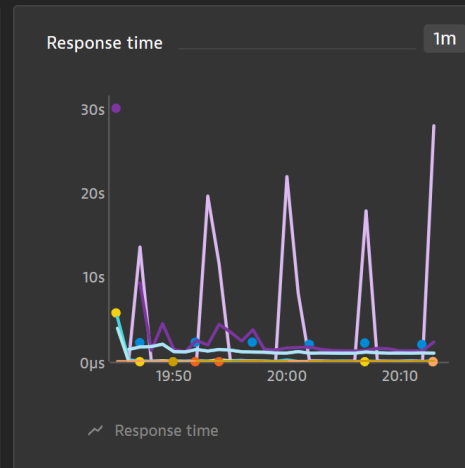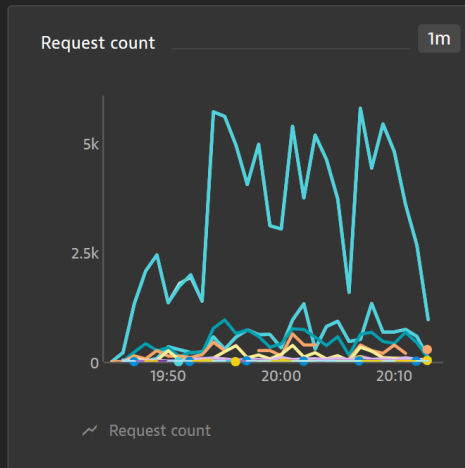# Hands On: Custom Chart

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
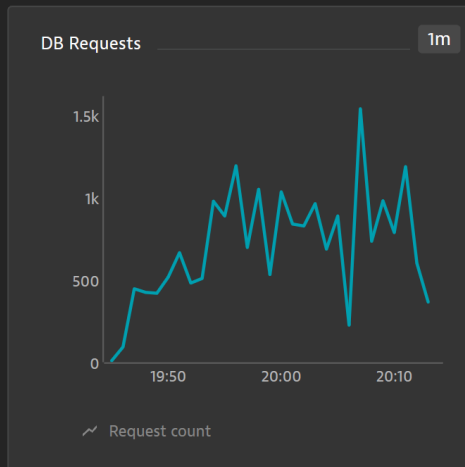   - Edit the title for each chart

Hands On: Custom Chart

Custom Charts

Services

Infrastructure
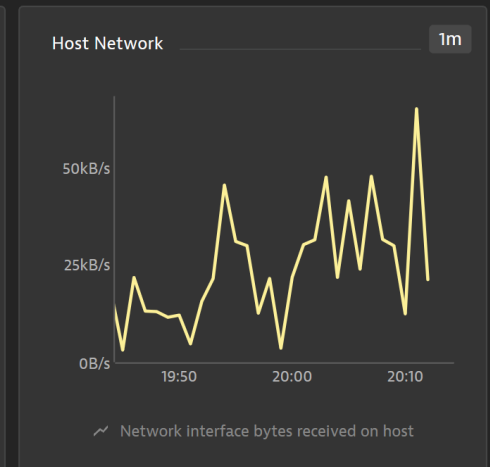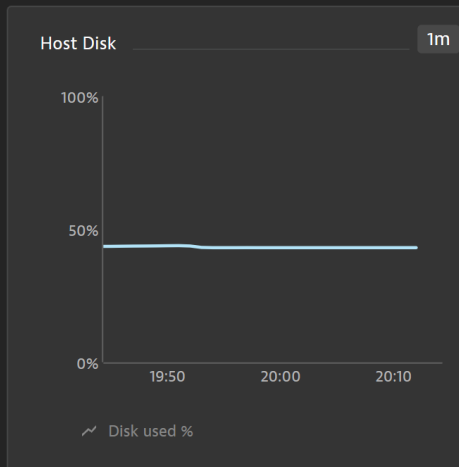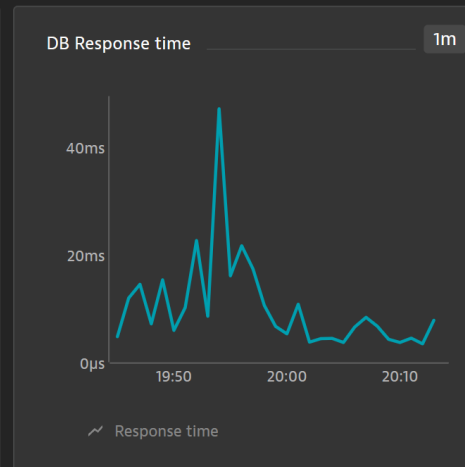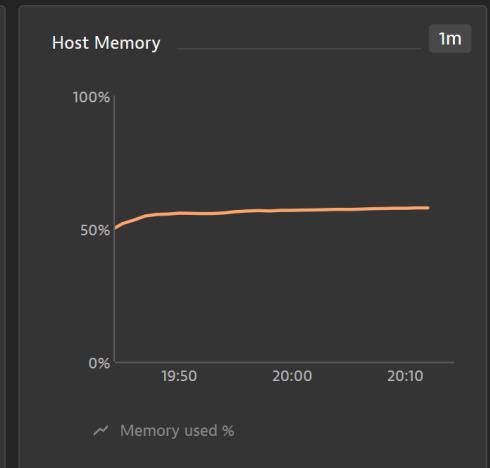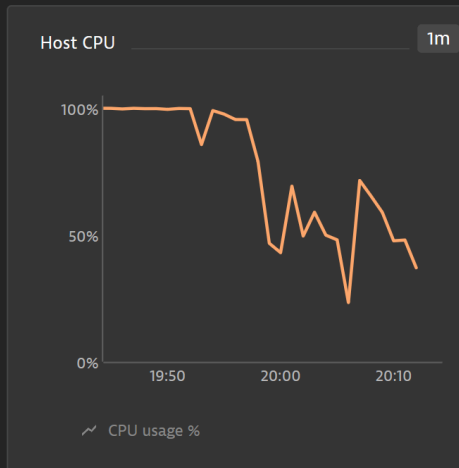
Dashboards
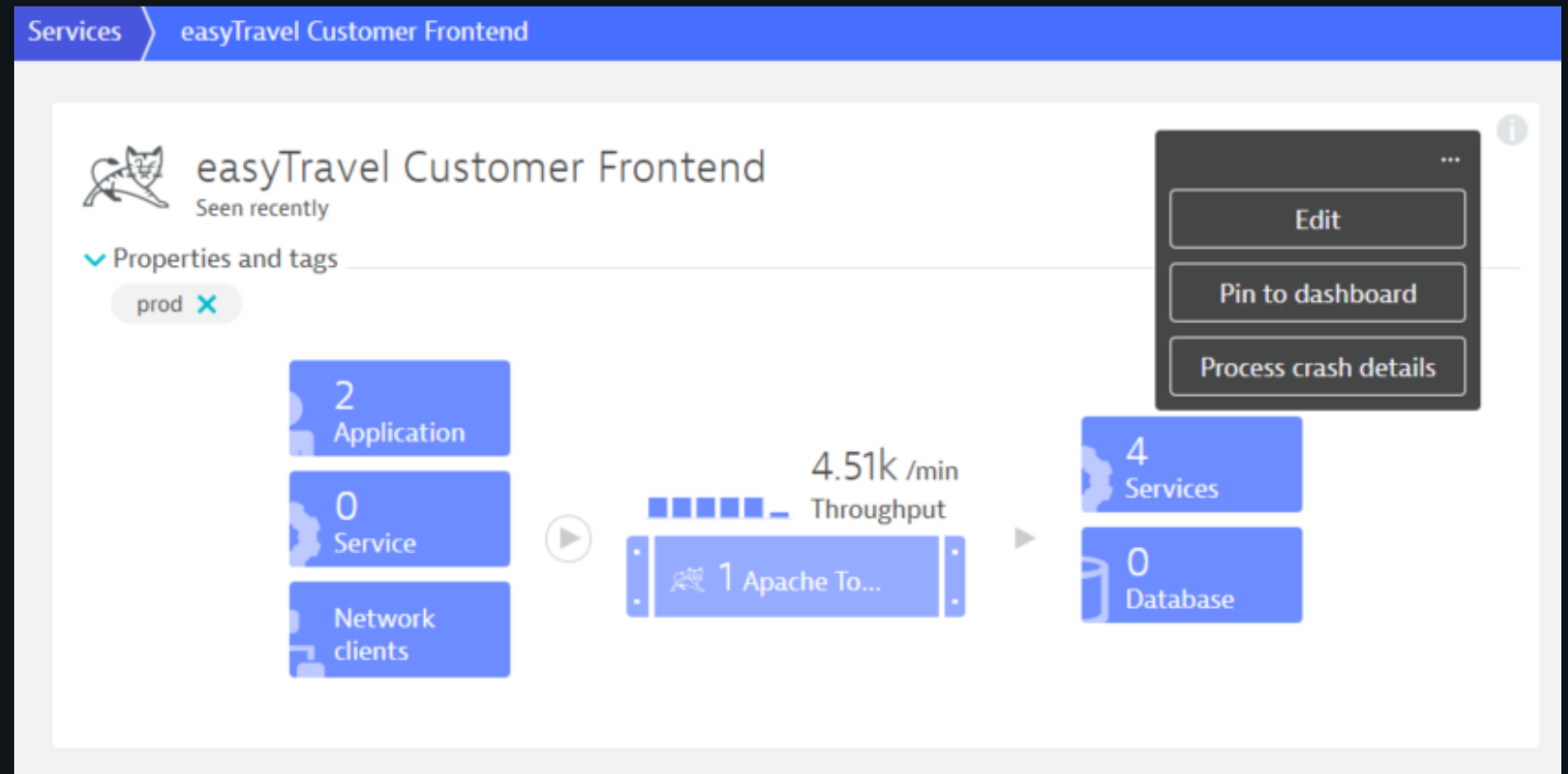
Pin To Dashboard

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

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
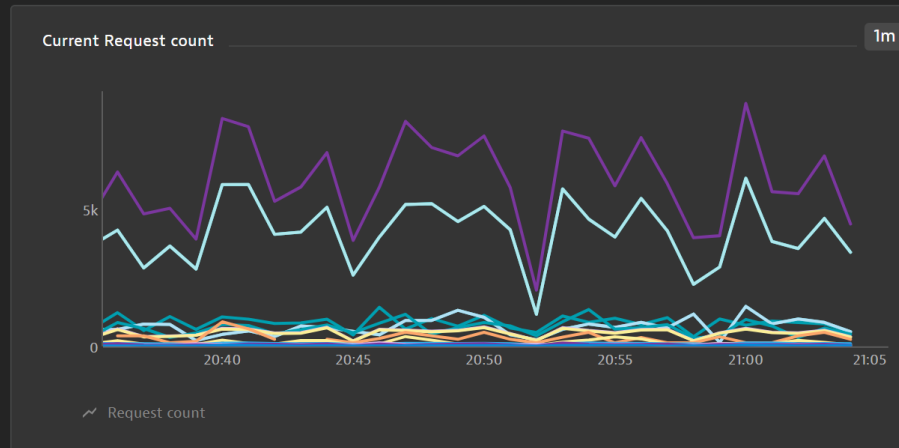
Dashboards

Filters

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.
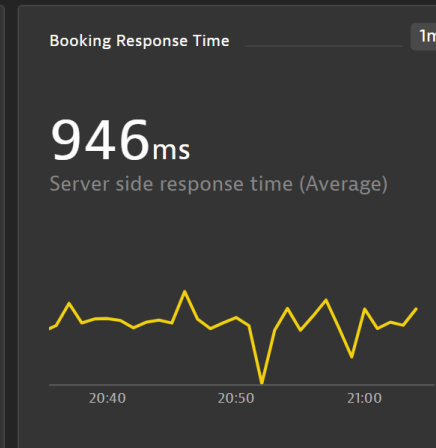
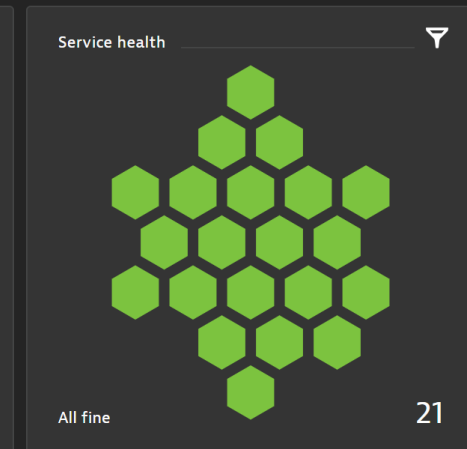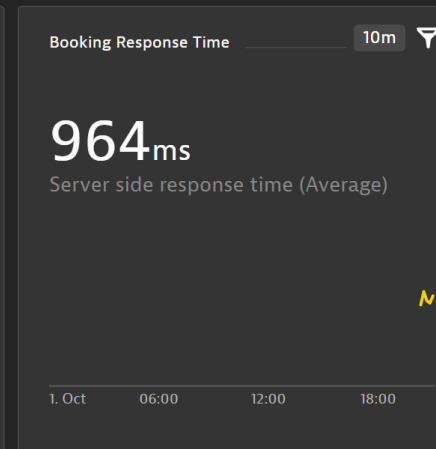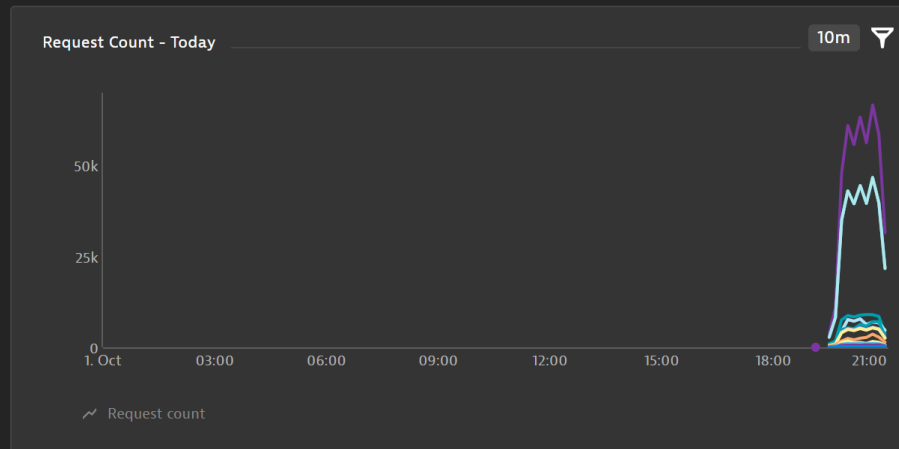# Hands On: Compare Timeframes and Management Zones

Custom Timeframes

Response Time

Current Request count   `1m`

5k

0

20:40   20:45   20:50   20:55   21:00   21:05

↗ Request count

Request Count - Today   `10m` ▼

50k

25k

0

1. Oct   03:00   06:00   09:00   12:00   15:00   18:00   21:00

↗ Request count

KPI Response Time

Booking Response Time   `1m`

946ms
Server side response time (Average)

20:40   20:50   21:00

Booking Response Time   `10m` ▼

964ms
Server side response time (Average)

1. Oct   06:00   12:00   18:00

Service Health

Service health   ▼

All fine   7

Service health   ▼

All fine   21

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

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

Edit dashboard

| Tiles | Settings |

Below are a few quick configuration options for your dashboard.
Advanced settings

Default filters

The dashboard will open with these

≡ 🖥 🔍 Search …

Dashboards 〉 Application performance report 〉 Dashboard JSON

Dashboard settings

Dashboard JSON Early Adopter

Directly edit dashboard's source JSON structure

Upload   Download

General settings
Configure general dashboard settings

Manage access
Configure who can access this dashboard

Dashboard JSON
Directly edit dashboard's JSON structure

```
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.
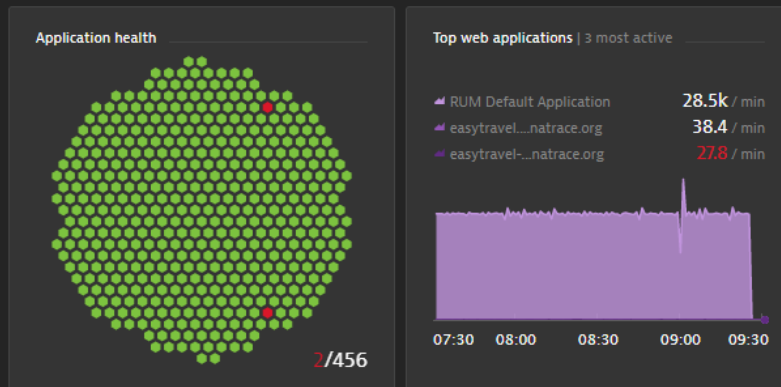
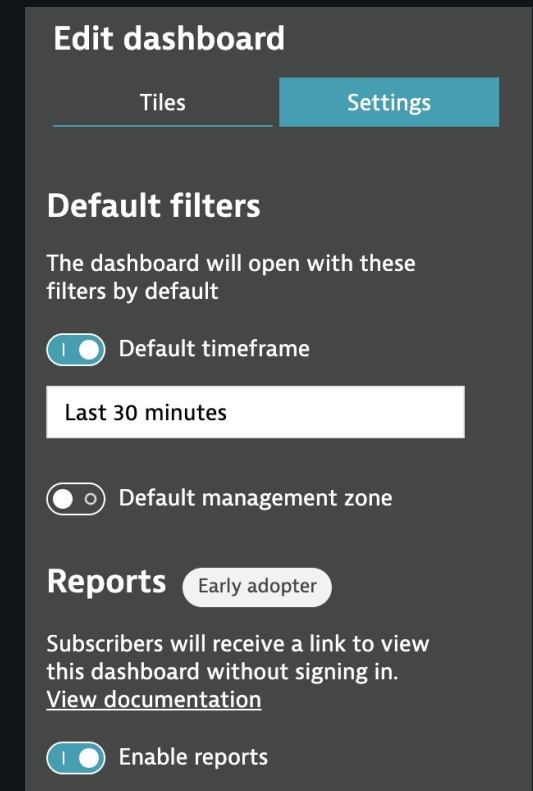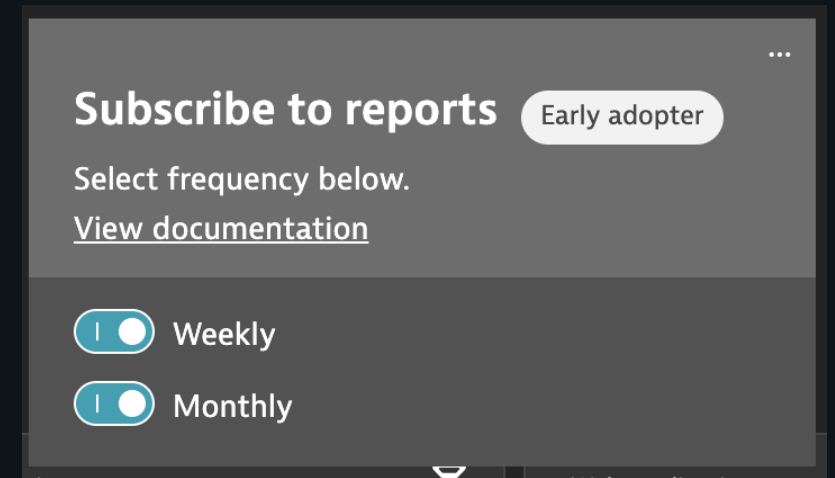 - Allowing for easy forwarding and discussion of the report up the chain.

Dashboard reports
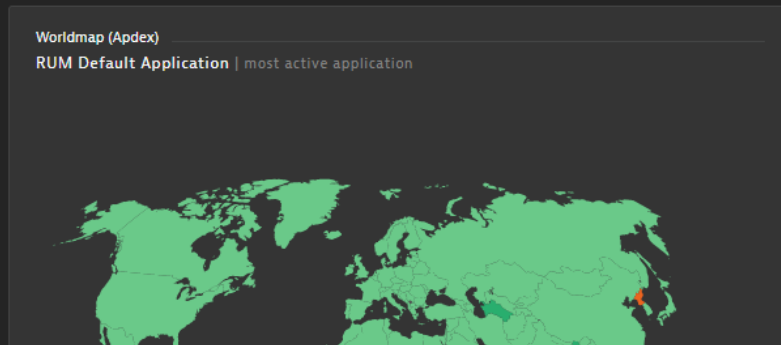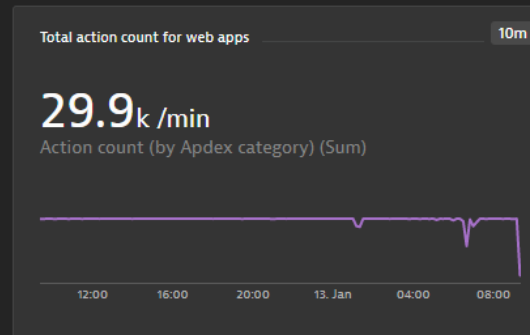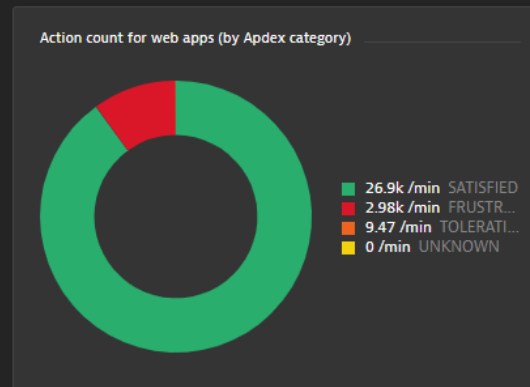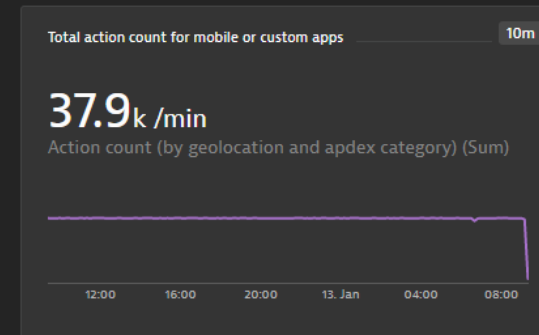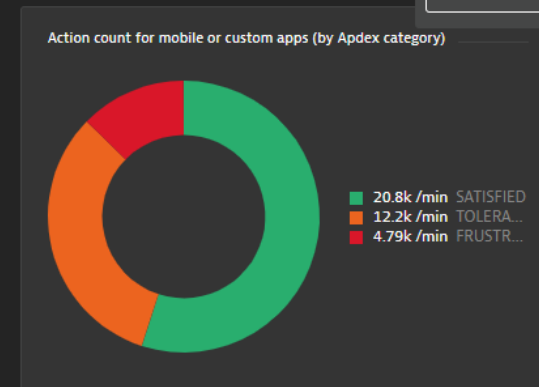
Dashboard Reports

- 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

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?

dynatrace

Simply smarter clouds