

SLO Simply Smarter - Manual installation

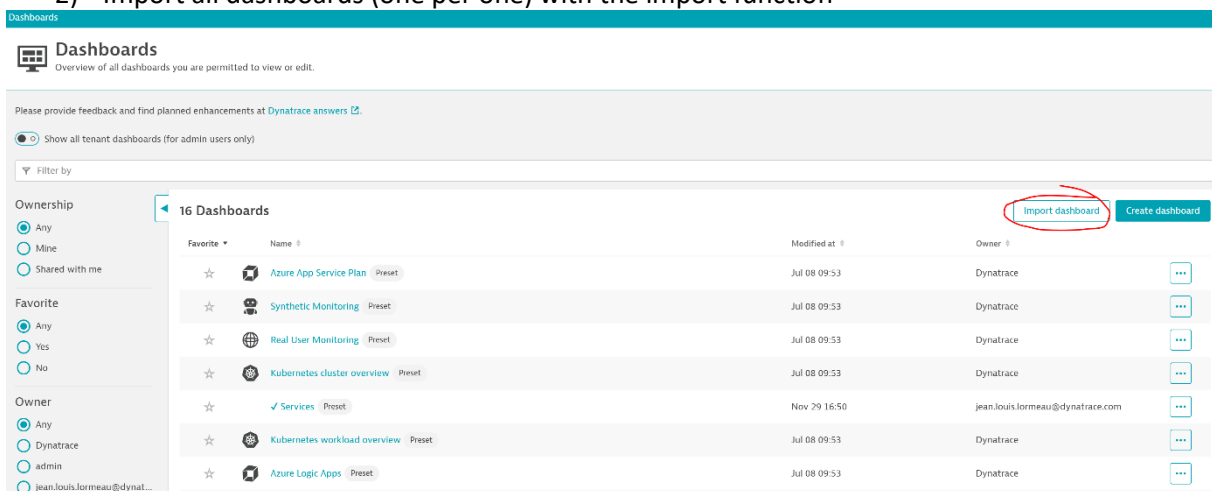
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Follow this process if you don't have access to the dynatrace : [BizOpsConfigurator](#) and Monaco

Import Dashboards

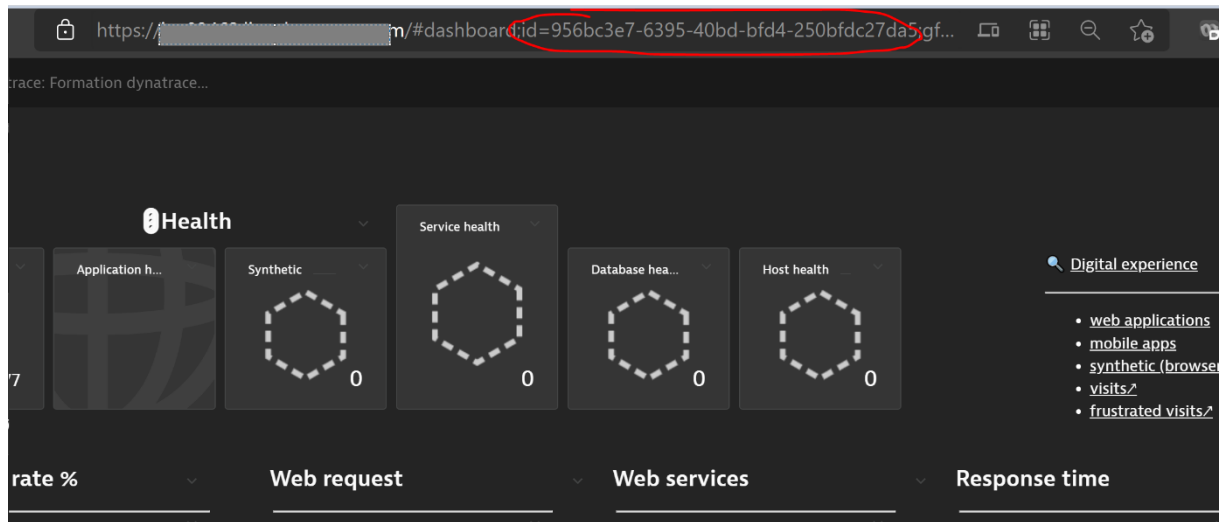
- 1) Download the dashboards of the template:
https://github.com/JLLormeau/dynatrace_template_fr/archive/refs/heads/main.zip
- 2) Import all dashboards (one per one) with the import function



Name	old ID		new ID
Dynatrace: simply smarter			
User experience (web applications)			
User experience (mobile apps)			
Synthetic (browser)			
Services			
Synthetic (service)			
Database			
Database services			
SLO Simply Smarter			
SLO Resource Optimization			

3) Recreate the mapping ID

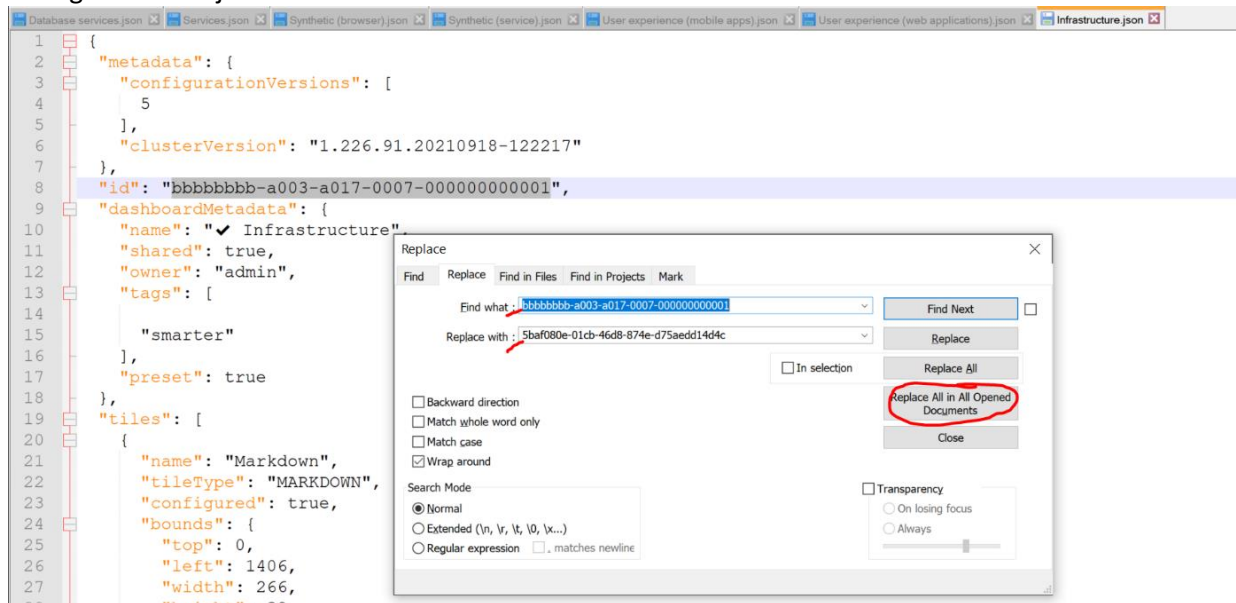
For each dashboard of the template, copy the new dashboard id :



And update the ID table with the old and new ID :

4) Open all original json in notepad++

Change ids on all jsons at the same time



5) Edit each dashbaord with up-to-date ids:

Share / Advanced Settings / Dashboard Json avec le nouveau json.

You can take the opportunity to change the user to "admin" for example.

Dashboards
Services
Settings
Editor

Dashboard settings

General settings

Configure general dashboard settings

Manage access

Configure who can access this dashboard

Dynamic filters

Configure dynamic filters for this dashboard

Dashboard JSON

Directly edit dashboard's JSON structure

Dashboard JSON

Directly edit dashboard's source JSON structure.

Download Upload

```

1 {
2   "metadata": {
3     "configurationVersions": [
4       5
5     ],
6     "clusterVersion": "1.238.188.28211123-162857"
7   },
8   "id": "956bc3e7-6395-48bd-bf64-258bdc27da5",
9   "dashboardMetadata": {
10    "name": "✓ Services",
11    "shared": true,
12    "owner": "admin",
13    "tags": [
14      "smarter"
15    ],
16    "preset": true
17  },
18  "tiles": [
19    {
20      "name": "Markdown",
21      "tiletype": "MARKDOWN",
22      "configured": true,
23      "bounds": {
24        "top": 0,
25        "left": 0,
26        "width": 1000,
27        "height": 1000
28      }
29    }
30  ]
31 }

```

Dashboard owner modified

You modified the owner of the dashboard

Discard changes Save and override owner Revert owner

6) Validate

Open each dashboard and test each link.

✓ Services
Preset One tag applied Edit

Health

Application health

Synthetic

Service health

Database health

Host health

Success rate %

Web request

Web services

Response time

HTTP 4xx errors

HTTP 5xx errors

Success rate %

Web requests count

Web services count

Response time (services...)

HTTP 4xx errors

HTTP 5xx errors

Requests

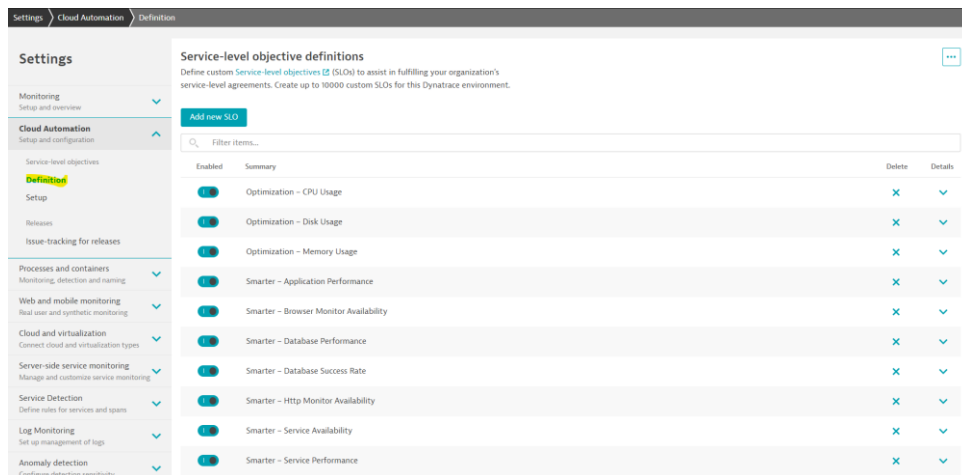
Success rate (Web Services)

Digital experience

Services

Infrastructure & cloud

Create SLO



1) Resource Optimization

Default value

Target = 50%

Warning = 60%

BurnRate = 10

Entity selector empty

Timeframe = -1w

SLO1

Name = Optimization - CPU Usage

Metric = builtin:host.cpu.usage:splitBy()

SLO2

Name = Optimization - Disk Usage

Metric = builtin:host.disk.usedPct:splitBy()

SLO3

Name = Optimization - Memory Usage

Metric = builtin:host.mem.usage:splitBy()

2) SLO Smarter

Default value

Target = 95%

Warning = 98%

BurnRate = 10

Entity selector empty

Timeframe = -1w

SLO1

Name = Smarter - Application Performance

Metric = (100)*(builtin:apps.web.actionCount.category:filter(eq(Apdex category,SATISFIED)):splitBy())/(builtin:apps.web.actionCount.category:splitBy())

SLO2

Name = Smarter - Browser Monitor Availability

Metric =

(builtin:synthetic.browser.availability.location.totalWoMaintenanceWindow:splitBy())

SLO3

Name = Smarter - Database Performance

Metric (target 100 ms) =

((builtin:service.response.time:avg:toUnit(MicroSecond,MilliSecond):filter(and(or(in("dt.entity.service",entitySelector("type(service),serviceType(~"DATABASE_SERVICE~")))))):partition("perf",value("good",lt(100))):splitBy():count:default(0))/(builtin:service.response.time:avg:filter(and(or(in("dt.entity.service",entitySelector("type(service),serviceType(~"DATABASE_SERVICE~")))))):splitBy():count)*(100))

SLO4

Name = Smarter - Database Success Rate

Metric = 100-

builtin:service.errors.total.rate:filter(and(or(in("dt.entity.service",entitySelector("type(service),serviceType(~"DATABASE_SERVICE~")))))):splitBy()

SLO5

Name = Smarter - Http Monitor Availability

Metric = (builtin:synthetic.http.availability.location.totalWoMaintenanceWindow:splitBy())

SLO6

Name = Smarter - Service Availability Metric = builtin:host.mem.usage:splitBy()

Metric =

(100)*(builtin:service.errors.server.successCount:filter(and(or(in("dt.entity.service",entitySelector("type(service),serviceType(~"WEB_SERVICE~"))),in("dt.entity.service",entitySelector("type(service),serviceType(~"WEB_REQUEST_SERVICE~")))))):splitBy())/(builtin:service.requestCount.server:filter(and(or(in("dt.entity.service",entitySelector("type(service),serviceType(~"WEB_SERVICE~"))),in("dt.entity.service",entitySelector("type(service),serviceType(~"WEB_REQUEST_SERVICE~")))))):splitBy())

SLO7

Name = Smarter - Service Performance

Metric (target 500 ms) =

((builtin:service.response.time:avg:toUnit(MicroSecond,MilliSecond):filter(and(or(in("dt.entity.service",entitySelector("type(service),serviceType(~"WEB_SERVICE~"))),in("dt.entity.service",entitySelector("type(service),serviceType(~"WEB_REQUEST_SERVICE~")))))):partition("perf",value("good",lt(500))):splitBy():count:default(0))/(builtin:service.response.time:avg:filter(and(or(in("dt.entity.service",entitySelector("type(service),serviceType(~"WEB_SERVICE~"))),in("dt.entity.service",entitySelector("type(service),serviceType(~"WEB_REQUEST_SERVICE~")))))):splitBy():count)*(100))

Manual mapping SLO with Dashboards

SLO Simply Smarter: for each SLO tile, mapp SLO Smarter and period
Set the period -1M and -1y manually for all the SLOs (by default -1w)

Application

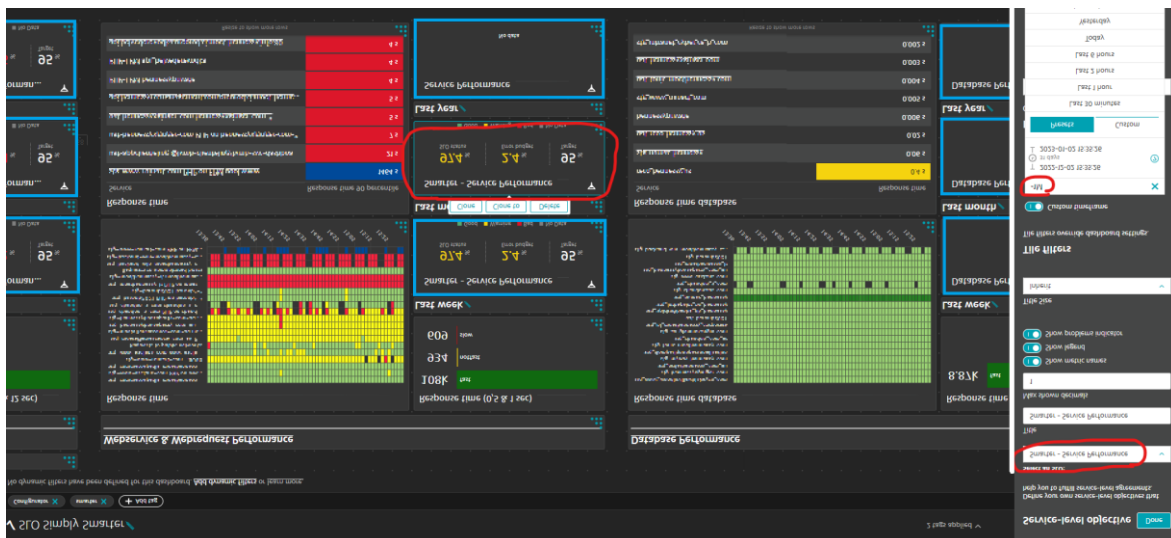
- Smarter - Application Performance => 1w, 1M and 1y
- Smarter - Browser Monitor Availability => 1w, 1M and 1y
- Smarter - HTTP Monitor Availability => 1w, 1M and 1y

Webservice and Webrequest

- Smarter - Service Performance => 1w, 1M and 1y
- Smarter - Service Availability => 1w, 1M and 1y

Database

- Smarter - Database Performance => 1w, 1M and 1y
- Smarter - Database Success Rate => 1w, 1M and 1y



SLO Resource Optimization : for each SLO tile, mapp SLO Smarter and period

Memory

- Optimization - Memory Usage => 1w, 1M and 1y

CPU

- Optimization - CPU Usage => 1w, 1M and 1y

Disk

- Optimization - Disk Usage => 1w, 1M and 1y

