SLO Simply Smarter - Manual installation

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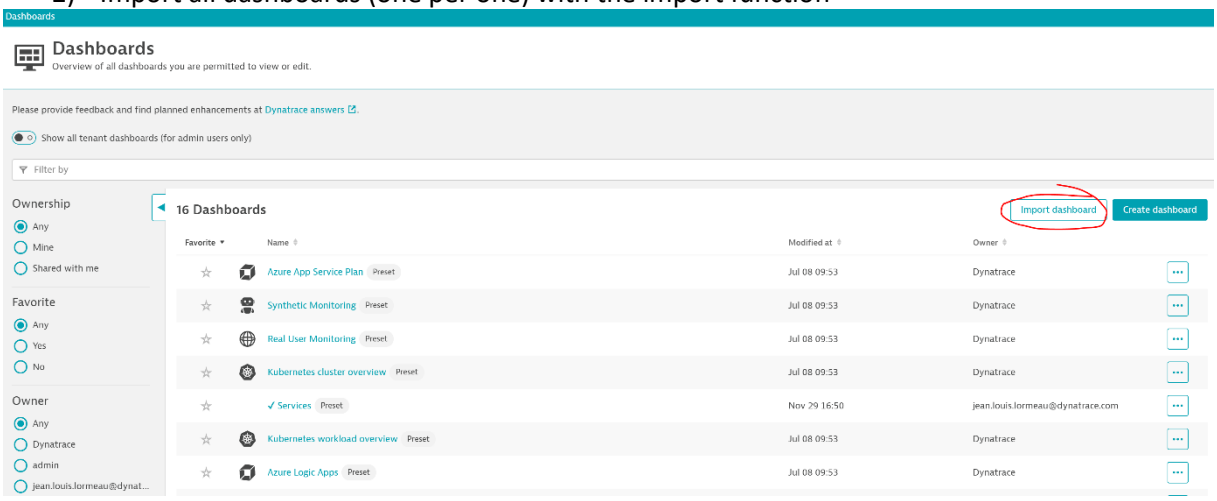
Follow this process if you don't have access to the dynatrace : BizOpsConfigurator and Monaco

Import Dashboards

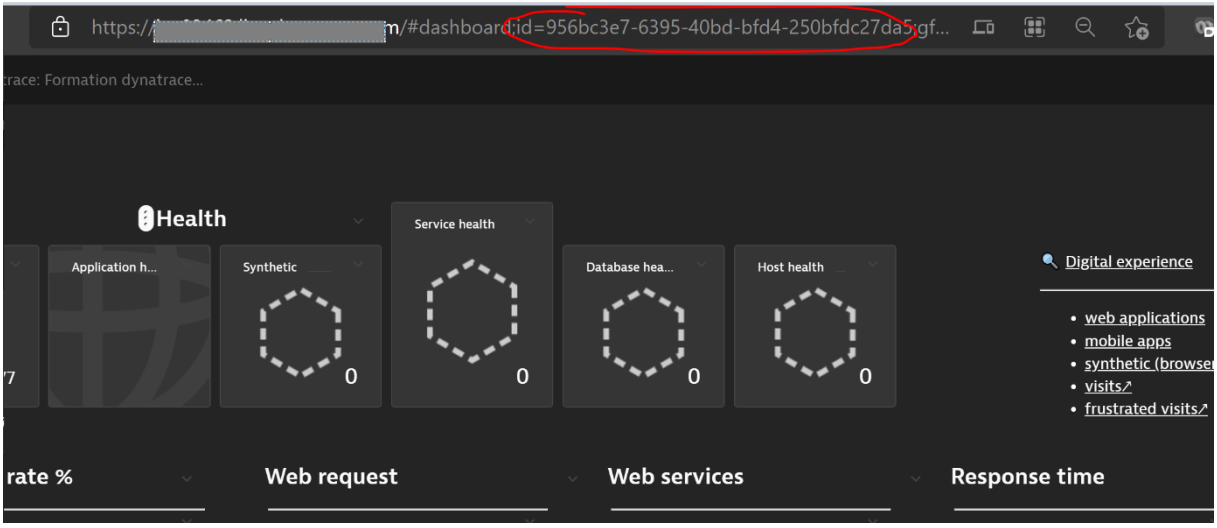
1) Download the dashboards of the template: https://github.com/JLLormeau/dynatrace_template_fr/archive/refs/heads/main.zip
2) Import all dashboards (one per one) with the import function



3) Recreate the mapping ID

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

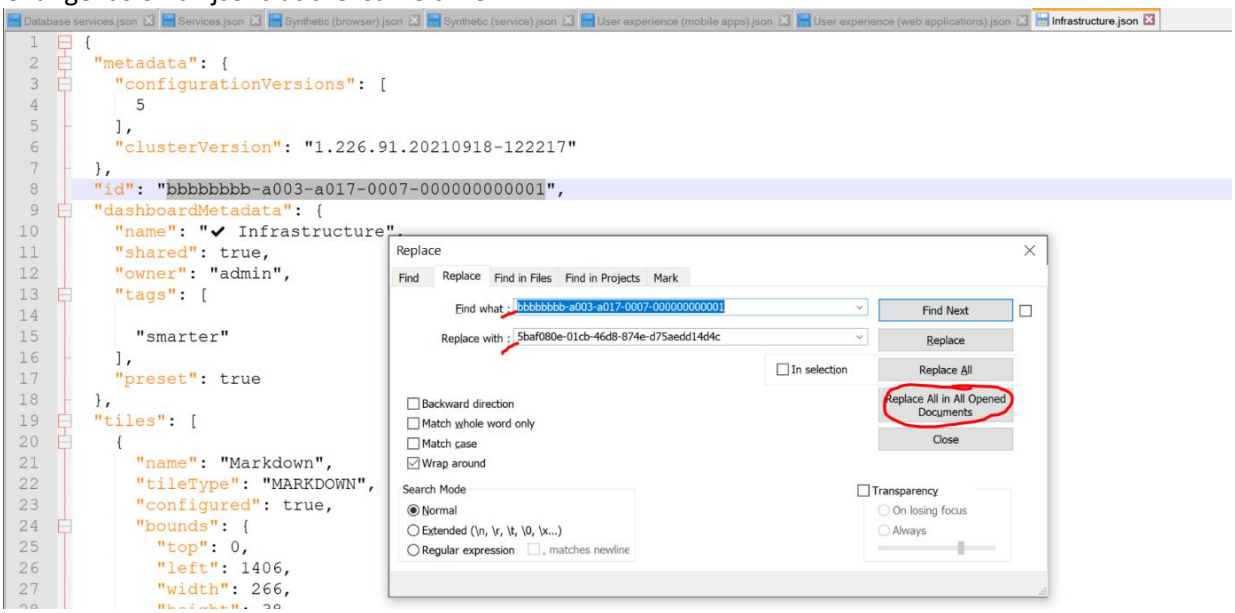
Name	old ID	new ID
Dynatrace: simply smarter		
User experience (web applications)		
User experience (mobile apps)		
Synthetic (browser)		
Services		
Synthetic (service)		
Database		
Database services		
SLO Simply Smarter		
SLO Resource Optimization		



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

4) Open all original json in notepad++

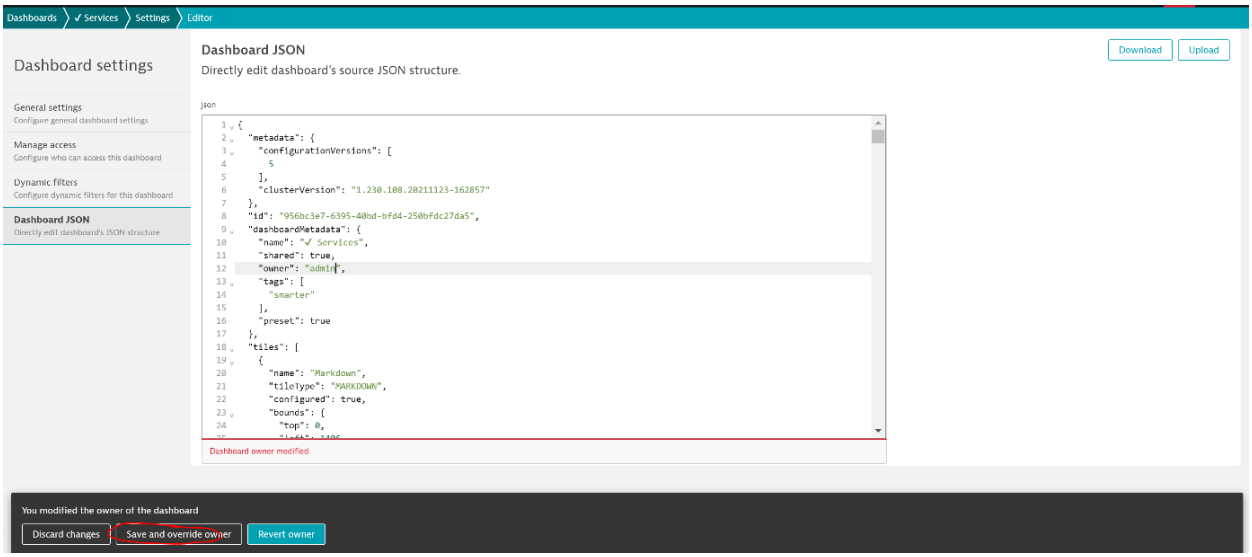
Change ids on all jsons at the same time



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

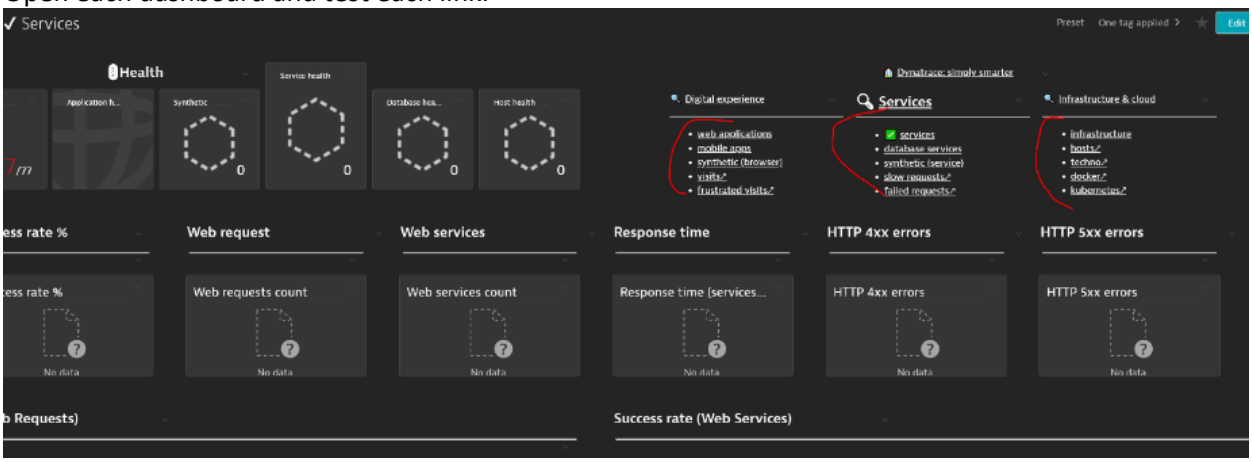
Share / Advanced Settings / Dashboard Json avec le nouveau json.

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

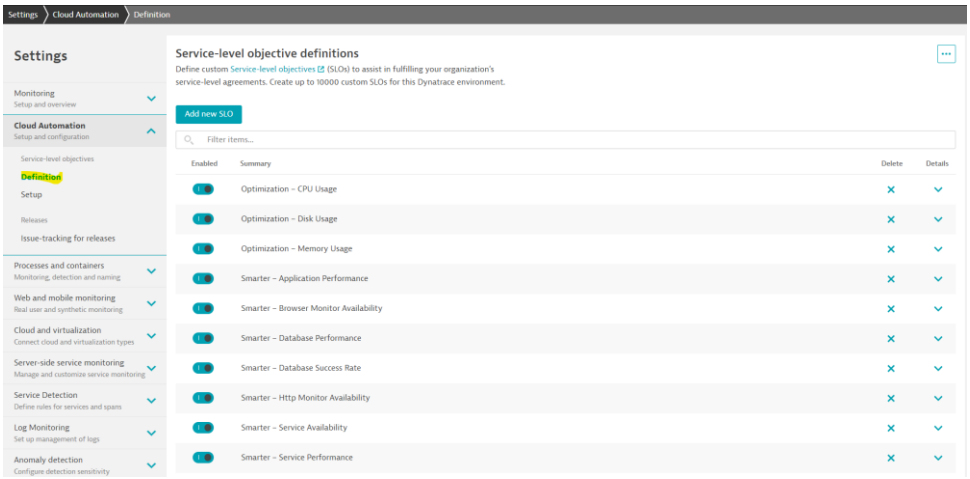


6) Validate

Open each dashboard and test each link.



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

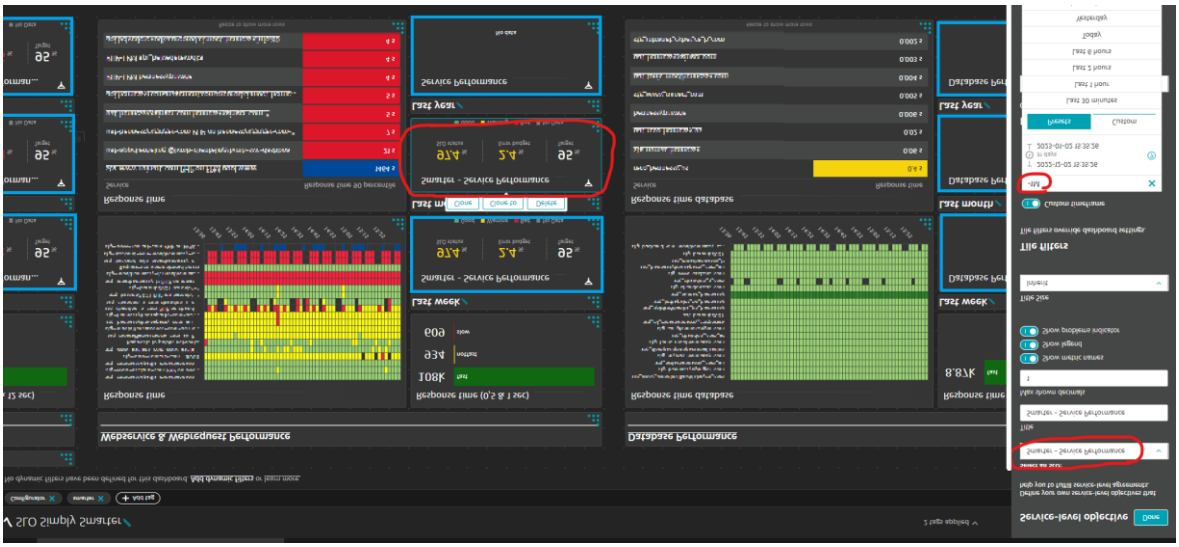
- Smarter - Application Performance => 1w, 1M and 1y
- Smarter - Browser Monitor Availability => 1w, 1M and 1y
- Smarter - HTTP Monitor Availability => 1w, 1M and 1y

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


SLO Resource Optimization
2 tags applied
CPU
Disk Space
CPU Usage %
CPU Usage AVG %
15.4%
Disk Usage %
Optimization - CPU Usage
15.5
-34.4
50
Last week
Last month
Last year
Service-level objective
Done
Tile filters
Custom timeframe
Presets
Custom
Last 30 minutes
Last 1 hour
Last 2 hours
Last 6 hours
Today