Connect to STARC API

General information

The STARC API is hosted on the public internet (as of 30.06.2022).

The API is available on 3 environments with the following URLs:

- Dev: https://session-manager-dev.starc.i.mercedes-benz.com
- Int: https://session-manager-int.starc.i.mercedes-benz.com
- Prod: https://session-manager-prod.starc.i.mercedes-benz.com

How to connect

From local client

If the application that should connect to STARC is running interactively on your client (e.g., laptop), you should verify that the client can access the internet in general (e.g. through a web browser). Sometimes this is only made possible through the usage of a corporate proxy. If the proxy is setup on system-level, then no additional configuration is required for you to access the STARC API. In some cases, you need may need to provide the proxy manually though. Some well-known proxies in MB networks are:

- http://proxy-sifi.rd.corpintra.net:3128
- http://proxy-ut.rd.corpintra.net:3128

If none of those works for your please contact your system administrators (e.g., cuhd_support_ftp-proxy-gateway@daimler.com)

From corporate network (RD/MTC)

If the application that should connect to STARC is running on a remote host (e.g., VM, container, etc.) located inside the MB corporate network, you need to use the "special proxy". To check if the proxy connection is already working you can run the following command:

```
curl --proxy http://proxy-spc-01.rd.corpintra.net:3128 https://session-manager-prod.starc.i.mercedes-benz.com/ping
```

If the above command returns 'pong' that means you are all set to use the STARC API. In most cases however, you need to request access to the "special proxy" as well as clear the firewall access to the proxy. We recommend doing both requests in parallel to reduce waiting times.

1. To request access to the proxy please follow this guide: https://daimler.service-now.com/esc?id=kb_article&table=kb_knowledge&sys_kb_id=adbbdbf21b8a459033d3da018b4bcb9f
2. To request firewall clearance to the proxy please follow this guide: https://daimler.service-now.com/esc?id=kb_article_view&sysparm_article=KB0337907&sys_kb_id=1e3cfd4bdb8e8190e38fdcebd39619a5

You need to provide some additional information for the requests:

- The source IP of your own host running the application (you need to find this yourself)

- The destination IP of the STARC API – it is 20.103.19.61 for all 3 environments
- The only port required for firewall clearance is 443

After both processes are completed, you will be able to configure and use the proxy http://proxy-spc-01.rd.corpintra.net:3128 inside your application.

From DHC CaaS

If the application that should connect to STARC is running as a container on the DHC Caas platform you can simply use the pre-defined proxy:

- http://security-proxy.emea.svc.corpintra.net:3128

Migrating from Openshift

Beside the URL change, there is an additional change for those who are using the STARC API on the **internet** and now want to move to azure.

The change consists of adding the path "/starc" in all requests that contain "/v1" or "/v3" right after the domain. For example:

- Old: https://api.starc-int.mercedes-benz.com/v3/projects
- New: https://session-manager-int.starc.i.mercedes-benz.com**/starc**/v3/projects
➔ Domain changes and "/starc" is added

The change does **not** apply to requests for the authentication itself. Here, only the domain is different. For example:

- Old: https://api.starc-int.mercedes-benz.com/auth
- New: https://session-manager-int.starc.i.mercedes-benz.com/auth
➔ Only domain changes

For those who previously used the **internal** addresses no additional change is needed except the domain itself. Because in this case, "/starc" already had to be appended accordingly. For example:

- Old: https://starc-backend-for-frontends-int.run-caas.rd.corpintra.net**/starc**/v3/projects
- New: https://session-manager-int.starc.i.mercedes-benz.com**/starc**/v3/projects
➔ Only domain changes
➔ Note: there will be no ".rd.corpintra.net" URL anymore

For the authentication requests, again only the domain is different. For example:

- Old: https://starc-backend-for-frontends-int.run-caas.rd.corpintra.net/auth
- New: https://session-manager-int.starc.i.mercedes-benz.com/auth
➔ Only domain changes
➔ Note: there will be no ".rd.corpintra.net" URL anymore