

# e-OSCAR Services Versioning

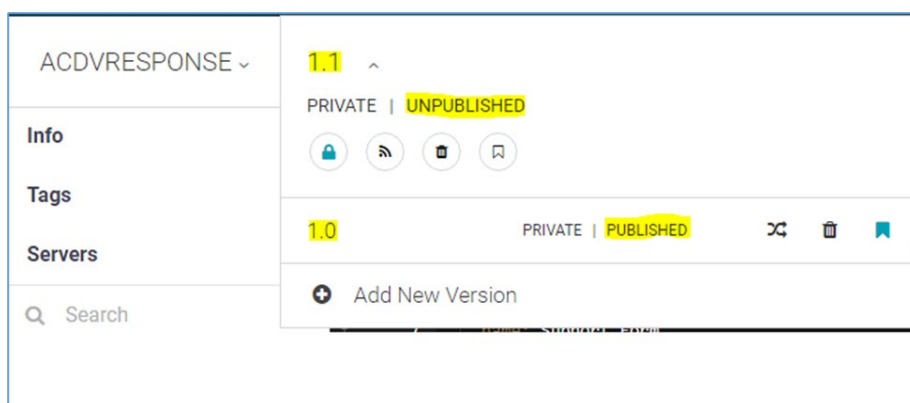
## Application Versioning

Versioning in e-OSCAR Services is applicable in 2 areas.

1. **API Services:** This is what is called the service version. This is clearly visible in the end point of any service. For ex: In <https://api-uat.e-oscar-web.net/eoscar-services/aud/v1/get/86614191> ; V1 identifies what version of the service the DF is using to complete the call.
  - a. This version will be specific to the area that is being served. For example: AUDs may run on v1 while ACDVs may run on v12.
  - b. A new version will not be created/available unless the DF must change their code in order to get the latest updates or bug fixes.
  - c. Whenever a bug fix or enhancement requires an update to request/response schema; e-OSCAR will create a new version.
  - d. Service endpoints **will not get updated** with minor versions releases like 1.2; they will still be /aud/v1/get/xxxx. These updates will be communicated to the DFs, however they will not require schema updates and will not require code updates by the DF.

**API services:** When a new version of Services is released (for example v2); the previous version of the service (v1) will be available in production for up to **6 months** from the release of v2. Once V2 is released there will be no more patch releases done to V1.

2. **API documentation (Swagger):** This is the version of API documentation. Ideally this will correspond to the version of the service. For ex: In <https://app.swaggerhub.com/apis/New-Mgt-Services/ACDVRESPONSE/1.0> . 1.0 determines what version of service documentation the DF is looking at. This version will be specific to the area that is being served.
  - a. Latest version of AUDs may be on 1.3 and ACDVs may be on 2.5. Unlike API services, Swagger documentation can have minor versions.
    1. 1.0 vs 1.1: What is the difference between 1.0 and 1.1 or 1.13? Each represent the same version of API with minor enhancements or bug fixes that **will not** require DFs to make any changes on their side. Every time a software release is complete by e-OSCAR that does not require DFs to make any changes, a new minor version of the documentation will be created. Notification will be provided to the DF advising of such minor version.
    2. **Published vs unpublished:** Once the Production environment is updated with the latest software, the corresponding version of the documentation is published. *For example: The latest version of documentation that is published is 1.4 meaning that the services are on v1 and the 4th minor release is in production now.* Version 1.5 of documentation can be in an unpublished state and DFs may still access it. The code corresponding to the unpublished version will be available in non-prod environments, prior to going live in Production to allow DFs an opportunity to review and prepare for any potential impact.



**API documentation:** At least one published version (ex: 1.5) and one unpublished version (ex: 1.6) may be available for DFs in Swaggerhub. When a new version of API Services is released (ex: v2); the latest published version of v1 and any available published and unpublished versions of v2 are available.

**NOTE:** The latest published version (ex: v1) will be available for 6 months after the new version (ex: v2) has been published.