

Grassfish backend server services

URL: <https://docs.grassfish.com/docs/grassfish-backend-server-services>

Archiviert am: 2025-07-17 18:36:05

This article explains the functions of the Grassfish backend server services.

Data Calculator

Data Calculator recalculates the XML playlist files. It registers each relevant modification by a user in IXM One and recalculates the corresponding playlists.

The playlists are saved on the server in the following directory: <Grassfish-RootDir>\data\<customer.id>\playlists

Additionally, Data Calculator calculates modified data like playlists, content files, and data files to be transferred to corresponding players. This information is recorded in the MS SQL database.

Standard service name	GV2 DC
Service directory	<Grassfish-RootDir>\DataCalculator
Log file	<Grassfish-RootDir>\log\DataCalculator
Interfaces	<ul style="list-style-type: none">• Access to the MS SQL database• Access to the central file share

Universal Data Controller

Universal Data Controller (UDC) is a service for the import of external, customer-specific data. The actual import is carried out via plug-ins that are hosted in the following directory: <Grassfish RootDir>\UdcService\Plugins

Standard service name	GV2 DC
Service directory	<Grassfish-RootDir>\UdcService
Log file	<Grassfish-RootDir>\log\UDC

Interfaces	<ul style="list-style-type: none"> • Access to the MS SQL database • Access to the central file share • If applicable, access to customer-specific import interfaces. For example, for file imports from
------------	---

Media Handler

Media Handler is relevant for the creation of thumbnails and previews, exporting playlists, and converting spots to videos.

Standard service name	GV2 DC
Service directory	<Grassfish-RootDir>\MediaHandler
Log file	<Grassfish-RootDir>\log\MediaHandler
Interfaces	<ul style="list-style-type: none"> • Access to the MS SQL database • Access to the central file share

Reporting Gateway

Reporting Gateway imports and processes report-specific data. The application is optional but it's a mandatory requirement for several dashboard widgets.

Standard service name	GV2 DC
Service directory	<Grassfish-RootDir>\ReportingGateway
Log file	<Grassfish-RootDir>\log\ReportingGateway

Interfaces	<ul style="list-style-type: none"> • Access to the MS SQL database <ul style="list-style-type: none"> ◦ Grassfish live database ◦ Grassfish reporting database • Access to the central file share • If applicable, access to customer-specific import interfaces. For example, for file imports from a separate FTP directory or requests via external web interfaces.
------------	--

Licensing service

The licensing service communicates with the Grassfish Licensing Server and provides the functions required for automatic license update and billing.

Standard service name	GV2 LicensingService
Service directory	<Grassfish-RootDir>\LicensingService
Log file	<Grassfish-RootDir>\log\LicensingService
Interfaces	<ul style="list-style-type: none"> • Access to MS SQL database • Access to central file share