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# Backup auto restoration

Starting from version 2.25.13 there is a function to automatically restore FS and DB from backups [backups](#).



When automatic restore from backups is enabled, the dpiui2 server will work in replication mode (all kernel processes will be disabled).

Move to the DB and FS settings section, open the Administrator menu item, section «**Backup auto restoration settings**».

The screenshot shows the VAS Experts GUI configuration interface. On the left, the 'Administrator' menu is expanded, and 'GUI configuration' is selected. In the main configuration area, the 'Backup auto restoration settings' section is highlighted. This section contains several settings, including 'Enable DB auto restoration from backup (BACKUP\_RESTOREMENT\_DB\_ENABLED)' and 'Enable FS auto restoration from backup (BACKUP\_RESTOREMENT\_FS\_ENABLED)', both of which are currently set to 'Enabled'.

## Enable auto restoration DB from backups

To enable auto restoration DB from backups, select "**Enabled**"

This close-up screenshot focuses on the 'Enable DB auto restoration from backup (BACKUP\_RESTOREMENT\_DB\_ENABLED)' setting. The dropdown menu is open, showing two options: 'Disabled' and 'Enabled'. A green arrow points to the 'Enabled' option, indicating that it should be selected to enable the feature.

Specify the following settings

- **BACKUP\_RESTOREMENT\_DB\_ENABLED** - enable auto restoration DB from backups. (Default

values is Disabled)

- **BACKUP\_RESTITUTION\_DB\_FOLDER** - folder path with DB backups.
- **BACKUP\_RESTITUTION\_DB\_DELETE\_OLD\_INTERVAL\_MINUTES** - delete old DB backups interval, minutes. (Default value is 0)



When set to "0", old backups will not be deleted.

## Enable auto restoration FS from backups

To enable auto restoration FS from backups, select "**Enabled**"

System

DB (MySQL) connection

UIr settings

Push notifications settings

Lawful interception

Enable FS auto restoration from backup (BACKUP\_RESTITUTION\_FS\_ENABLED)

Enabled

Disabled

Enabled

60



FS backup include **.env** files and folder contents **/var/dpiui2/backend/storage**

*Specify the following settings:*

- **BACKUP\_RESTITUTION\_FS\_ENABLED** - enable auto restoration FS from backups. (Default values is Disabled)
- **BACKUP\_RESTITUTION\_FS\_FOLDER** - folder path with FS backups.
- **BACKUP\_RESTITUTION\_FS\_DELETE\_OLD\_INTERVAL\_MINUTES** - delete old FS backups interval, minutes. (Default value is 0)



When set to "0", old backups will not be deleted.

## Saving changes

To save the edited parameters, click the "**Save**" button.

The screenshot shows the VAS Experts web interface. On the left is a navigation menu with categories like SSG control, PCRF control, QoS analytics, VAS cloud services, Lawful interception, Classifier, and Administrator. The Administrator section is expanded, showing sub-items like Equipment, Users, Roles, GUI configuration (highlighted), GUI logs, GUI update, QoS Stor configuration, QoS Stor logs, and Hardware SSH terminal. The main content area is titled 'Administrator > GUI configuration'. At the top of this area, there is a 'Save' button highlighted with a green box and a red arrow. Below the navigation is a 'Settings' section with a tree view of configuration categories: Common, Jobs intervals and periods, QoS Stor: DB (Clickhouse) connection, QoS Stor: DB lifetime settings, QoS Stor: Discs settings, SMTP settings, System, DB (MySQL) connection, UIr settings, Push notifications settings, Lawful interception, SSO authorization settings, Maps settings, VASCloud settings, Cluster settings, Backup settings, and Backup auto restoration settings (selected). The 'Backup auto restoration settings' section is expanded, showing several configuration items: 'Enable DB auto restoration from backup (BACKUP\_RESTOREMENT\_DB\_ENABLED)' set to 'Enabled', 'DB backup folder (BACKUP\_RESTOREMENT\_DB\_FOLDER)' set to '/var/dpiui2\_backup/db', 'Delete old DB backups interval, minutes (BACKUP\_RESTOREMENT\_DB\_DELETE\_OLD\_INTERVAL\_MINUTES)' set to '60', 'Enable FS auto restoration from backup (BACKUP\_RESTOREMENT\_FS\_ENABLED)' set to 'Enabled', 'FS backup folder (BACKUP\_RESTOREMENT\_FS\_FOLDER)' set to '/var/dpiui2\_backup/fs', and 'Delete old FS backups interval, minutes (BACKUP\_RESTOREMENT\_FS\_DELETE\_OLD\_INTERVAL\_MINUTES)' set to '60'. The interface also shows a 'The form' tab and an 'Editor' icon.



When automatic restore from backups is enabled, the dpiui2 server will work in replication mode (all kernel processes will be disabled).