Grid_object_lock

Enabling Object Locks in Grid Manager Configuration

To enable Object Locks (specifically S3 Object Lock) in your StorageGRID Grid Manager configuration, follow these steps:

Prerequisites:

- You must have Root Access permission.
- You must be signed in to the Grid Manager using a supported browser.
- The default rule in the active ILM (Information Lifecycle Management) policy must be compliant with S3 Object Lock requirements

Step-by-Step Instructions:

1. **Access S3 Object Lock Settings:**
    - In Grid Manager, go to **Configuration** > **System Settings** > **S3 Object Lock**
2. **Enable S3 Object Lock:**
    - On the S3 Object Lock Settings page, select **Enable S3 Object Lock**.
    - Click **Apply**
3. **Confirm and Apply:**
    - A confirmation dialog will appear, warning that enabling S3 Object Lock is permanent and cannot be undone.
    - If you are certain, select **OK** to confirm
4. **ILM Policy Compliance Check:**
    - If the default rule in your active ILM policy is compliant, S3 Object Lock will be enabled globally.

    - If not, you will receive an error. You must then create and activate a new ILM policy with a compliant default rule before proceeding.

After Enabling:

- Once enabled, S3 Object Lock cannot be disabled for the entire grid.
- You may wish to review or update your ILM policies to ensure they meet your regulatory and data protection requirements[1].

> **Note:** Enabling S3 Object Lock globally allows any S3 tenant user to create and manage buckets and objects with S3 Object Lock. This setting is essential for regulatory compliance and WORM (Write Once, Read Many) protections.

Summary Table

Step	Action
1. Access Settings	Configuration > System Settings > S3 Object Lock
2. Enable	Select "Enable S3 Object Lock" and click "Apply"
3. Confirm	Approve the permanent change
4. ILM Compliance	Ensure ILM policy is compliant or update as needed

For further details, consult the official StorageGRID documentation or your system administrator.