

# SKLM License Renewal Required for GRIDScaler Data Access



## Issue Summary

The encryption-at-rest features of certain IBM Spectrum Scale editions require an external service for managing encryption keys. This service is IBM's Security Key License Manager (SKLM). DDN GRIDScaler customers obtain their licenses for both Spectrum Scale and SKLM directly from IBM. Customers must keep these licenses current with IBM to retain access to their GRIDScaler data.

**ALERT!** SKLM licenses have a limited duration. When they expire, **all access to GRIDScaler's Spectrum Scale data is suspended until the license is renewed with IBM.**

## Affected Products

SKLM support was introduced by DDN in GRIDScaler 3.2.0. Versions 3.2.0 and higher may potentially require an SKLM license.

Within these GRIDScaler product versions, only the Advanced Edition and Data Management Edition are affected by the SKLM requirement. GRIDScaler customers can determine which edition they have installed by entering either of the following commands at the GRIDScaler command line.

- Command:

```
gsctl role list
```

GRIDScaler responds by listing the edition and supported roles for the node as show below:

```
Collecting roles ...
```

Node name	Node IP	Edition	Node roles
7990xe-co-vm01-daemon	10.36.41.222	Advanced	collector, gui, nsd-server, sfxoob-client, sfxoob-server

- Command:

```
cat /etc/GRIDScaler-edition
```

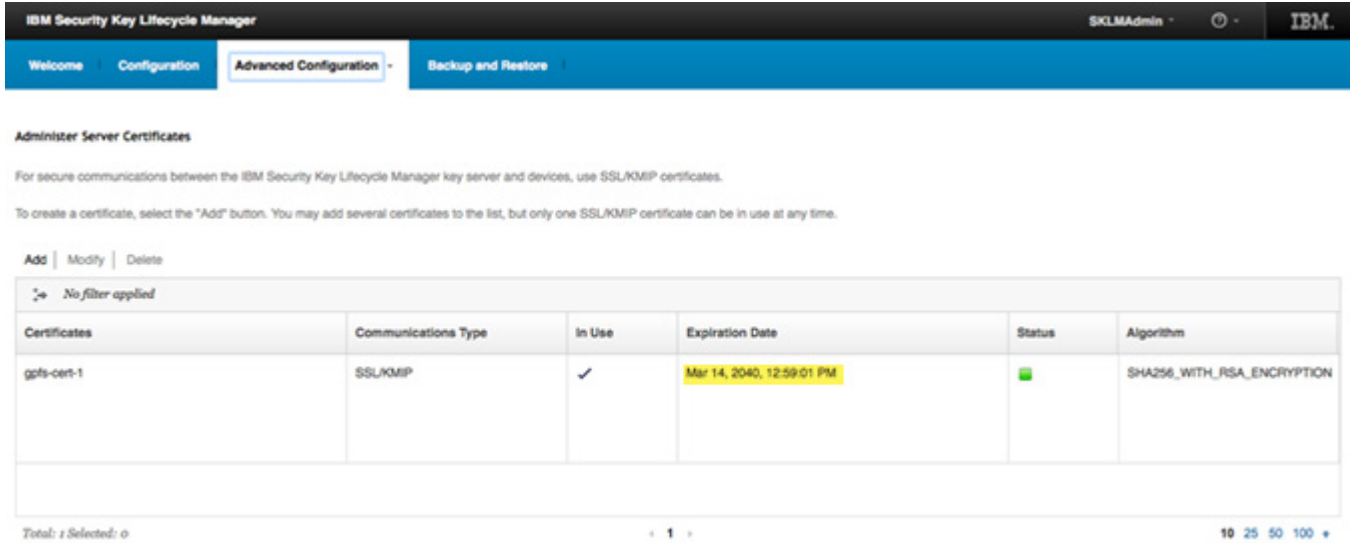
GRIDScaler responds with the name of the GRIDScaler edition. For example:

```
Advanced
```

## Determining the SKLM License Renewal Date

The SKLM license renewal date can be found in the SKLM administrator's web GUI under the **Advanced**

Configuration tab. On the **Administer Server Certificates** panel, server certificates are listed with expiration dates.



## Renewing an Expired SKLM Client Certificate

To renew an expired SKLM client certificate, you must create and register a new key client and deregister the old key client. Please refer to the following documentation for instructions:

- [GRIDScaler Guide for Managing Encryption with SKLM](#) (DDN Customer Community Support Portal)
- [IBM Spectrum Scale 5.0.3 Renewing Expired Client Certificates](#) (IBM Knowledgebase)

## Contacting DDN Technical Support

Please contact DDN Technical Support at any time if you have questions or need assistance. Support can be reached online, by email, or by phone as listed below.

### Web

DDN Community Support Portal <https://community.ddn.com/login>  
Portal Assistance [webportal.support@ddn.com](mailto:webportal.support@ddn.com)

### Email

Support Email [support@ddn.com](mailto:support@ddn.com)

### Telephone

DDN Support Worldwide Directory <https://www.ddn.com/support/global-services-overview/>

### Bulletins & Notices

Support Bulletins <http://www.ddn.com/support/technical-support-bulletins>  
End-of-Life Notices <http://www.ddn.com/support/end-of-life-notices>  
Release Notes <https://community.ddn.com/login>  
Subscription Requests [support-tsb@ddn.com](mailto:support-tsb@ddn.com)