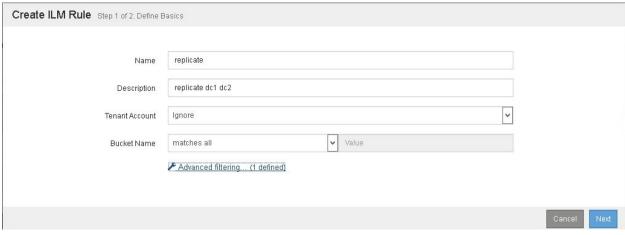# Storage Pools
Updated: 2020-02-10 22:23:55 CET

A storage pool is a logical grouping of Storage Nodes (LDR services) or Archive Nodes (ARC services) and is used in ILM rules to determine where object data is stored. A storage pool has two attributes: storage grade and site. Storage grade refers to the type of storage. Site is the location to which object data is stored.
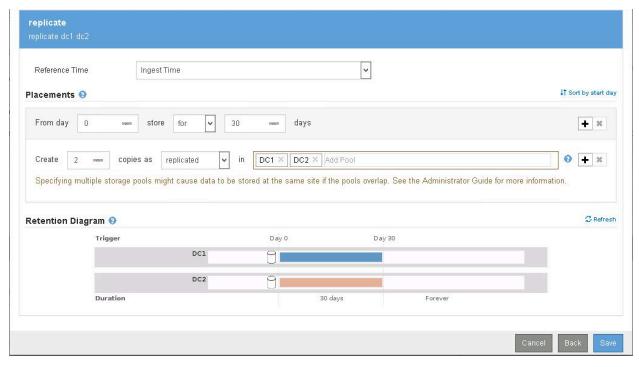
Storage Pools ⊞ Expand All   ⊟ Close All

Pool Name	Archive Nodes	Storage Nodes	Installed	Used	Usable	
⊞ All Storage Nodes	0	9	2,898 GB	100 GB	2,797 GB	
⊞ DC1	0	3	966 GB	33.5 GB	932 GB	⊗
⊞ DC2	0	3	966 GB	33.5 GB	932 GB	⊕ ⊗

Changes made to a storage pool that is currently in use by an ILM policy do not take effect until the ILM policy is activated again.

The Installed, Used, and Usable capacity calculations do not include Archive Nodes.

Create ILM Rule Step 1 of 2: Define Basics

Name	replicate
Description	replicate dc1 dc2
Tenant Account	Ignore
Bucket Name	matches all Value

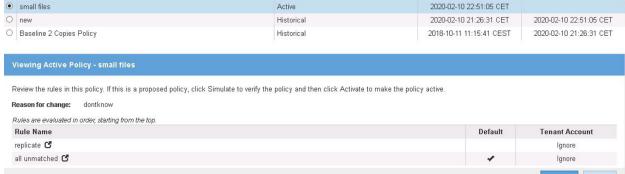🔧 Advanced filtering... (1 defined)

Cancel   Next

Advanced Filtering

Select metadata to determine how this ILM rule filters objects. If you do not configure advanced filtering, this ILM rule applies to all objects ingested.

replicate
replicate dc1 dc2

Matches all of the following metadata:

| Object Size (MB) | greater than | 1024 | | ➕ ✖ |

➕ ✖

Cancel   Remove Filters   Save

replicate
replicate dc1 dc2

Reference Time | Ingest Time ▼

Placements ❓   ↕ Sort by start day

From day `0`   store `for ▼` `30` days   ➕ ✖

Create `2` copies as `replicated ▼` in [DC1 ✕ | DC2 ✕ | Add Pool] ❓ ➕ ✖

Specifying multiple storage pools might cause data to be stored at the same site if the pools overlap. See the Administrator Guide for more information.

Retention Diagram ❓   ⟳ Refresh

Trigger	Day 0	Day 30
DC1		
DC2		
Duration	30 days	Forever

Cancel   Back   Save

Reference Time | Ingest Time ▼

Placements ❓   ↕ Sort by start day

From day `0`   store `for ▼` `30` days   ➕ ✖

Create `2` copies as `replicated ▼` in [DC1 ✕ | DC2 ✕ | Add Pool] ❓ ➕ ✖

Specifying multiple storage pools might cause data to be stored at the same site if the pools overlap. See the Administrator Guide for more information.

From day `30`   store `for ▼` `365` days   ➕ ✖

Create `1` copies as `replicated ▼` in [DC2 ✕ | Add Pool] ❓ or temporarily in `DC1 ▼` ❓ ➕ ✖

Retention Diagram ❓   ⟳ Refresh

Trigger	Day 0	Day 30	Day 395
DC1			
DC2			
DC2			
Duration	30 days	1 years	Forever

Configure ILM Policy

Create a proposed policy by selecting and arranging rules. Then, save the policy and edit it later as required. Click Simulate to verify a saved policy using test objects. When you are ready, click Activate to make this policy the active ILM policy for the grid.

Name	all smaller than 1G
Reason for change	

Rules

Select the rules you want to add to the policy. Drag and drop rows to reorder the rules. Rules are evaluated in order, starting at the top.

+ Select Rules

	Default	Rule Name	Tenant Account	Actions
↕	○	all unmatched ⌘	Ignore	✖
↕	○	replicate ⌘	Ignore	✖

You must select one ILM rule to be the default rule.

Cancel   Save

+ Create Proposed Policy   **▐ Clone**   ✏ Edit   ✖ Remove

	Policy Name	Policy State	Start Date	End Date
◉	small files	Active	2020-02-10 22:51:05 CET	
○	new	Historical	2020-02-10 21:26:31 CET	2020-02-10 22:51:05 CET
○	Baseline 2 Copies Policy	Historical	2018-10-11 11:15:41 CEST	2020-02-10 21:26:31 CET

Viewing Active Policy - small files

Review the rules in this policy. If this is a proposed policy, click Simulate to verify the policy and then click Activate to make the policy active.

Reason for change: dontknow

Rules are evaluated in order, starting from the top.

Rule Name	Default	Tenant Account
replicate ⌘		Ignore
all unmatched ⌘	✔	Ignore

Simulate   Activate

Configure ILM Policy

Create a proposed policy by selecting and arranging rules. Then, save the policy and edit it later as required. Click Simulate to verify a saved policy using test objects. When you are ready, click Activate to make this policy the active ILM policy for the grid.

Name	larger
Reason for change	dontknow

Rules

Select the rules you want to add to the policy. Drag and drop rows to reorder the rules. Rules are evaluated in order, starting at the top.

➕ Select Rules

	Default	Rule Name	Tenant Account	Actions
↕	○	replicate ☍	Ignore	✖
↕	◉	all unmatched ☍	Ignore	✖

Cancel   Save