

# Artifactory Service

## Overview

Both Artifactory and Artifactory Edge Node (known as EDGE in Mission Control) services are managed by Mission Control. Mission Control admin can update configuration via Mission Control scripts, monitor service health and check for usage insight with Mission Control Project. To learn about the type of licenses you can assign to an Artifactory services, see [Managing Licenses](#).

## Viewing an Artifactory Service

To view a single Artifactory service, click on the service name or hover over it from the Service module and select the view icon.

Requires an **Enterprise license**

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Type	Name	URL	Version	Status	Status Details	Site	License	License valid Thru
	assanbox6	http://...	5.5.2	ONLINE		AS-SANDBOX	ENTERPRISE	May 15, 2018
	assanbox2	http://...	5.5.2	ONLINE		AS-SANDBOX	PRO	Jun 21, 2036
	assanbox3	http://...	5.5.2	ONLINE		AS-SANDBOX	PRO	May 15, 2018
	assanbox1	http://...	5.5.2	ONLINE		AS-SANDBOX	ENTERPRISE	May 15, 2018

**assanbox6** Last time refreshed: Sun Nov 19 2017 19:36:27 GMT+0200 Refresh Actions

Description	Version	Url	Site	Status
Sandbox dev artifactory	5.5.2		AS-SANDBOX	ONLINE

**Storage Summary** Replications License HA Task Summary System Info

**Binaries**

Binaries Size:	207.54 KB	Binaries Count:	8
Artifacts Size:	215.71 KB	Artifacts Count:	26
Optimization:	96.21%	Items Count:	41

**File System**

Directory: /opt/jfrog/artifactory/data/filestore

Used: 33.5 GB / 196.8 GB (17.0%)

The Artifactory service page is broken up into two parts:

1. The service details.
2. Artifactory specific information.

## Storage Summary

The **Storage Summary** tab displays information about the number of binaries and the storage volume they occupy. For full details, please refer to [Monitoring Storage](#) in the Artifactory documentation.

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**Binaries**

Binaries Size: 1.81 MB    Binaries Count: 817  
 Artifacts Size: 2.95 MB    Artifacts Count: [?](#) 2,057  
 Optimization: [?](#) 61.41%    Items Count: [?](#) 2,509

**File System**

Directory: /opt/jfrog/artifactory/data/filestore

Used: 33.5 GB / 196.8 GB (17.0%)

10 Repositories

## Replication

The **Replication** tab displays information on all replications in which the selected Artifactory service is involved. If multiple replications are configured for the service, you can filter the list by source or destination repository.

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**3 Replications**

Filter by Source or Destination < Page 1 of 1 >

Type	Source	Source Artifacts	Destination	Destination Artifacts	Status	Last Run	Duration	Next Run	Proxy	Run Now
▼ MULTIPUSH	frog-product-2-local		nadevp1 : fro...							<a href="#">▶</a>
	frog-product-2-local	0	nadevp1 : fro...	0	ok	19-11-17 00:...	00:00:00	20-11-17 00:...		<a href="#">▶</a>
	frog-product-2-local	0	euchub1 : fro...	0	ok	19-11-17 00:...	00:00:00	20-11-17 00:...		<a href="#">▶</a>
	frog-product-2-local	0	eudev1 : fro...	0	ok	19-11-17 00:...	00:00:00	20-11-17 00:...		<a href="#">▶</a>
	frog-product-2-local	0	sadevp1 : fro...	0	ok	19-11-17 00:...	00:00:00	20-11-17 00:...		<a href="#">▶</a>
PULL	pond-sandbox	2005	euchub1 : cu...	0	ok	12-11-17 23:...	00:00:34	07-07-18 04:...		<a href="#">▶</a>
▶ MULTIPUSH	swamp-test1-local		http://104.19...							<a href="#">▶</a>

<b>Type</b>	The replication type (push, multipush, pull).
<b>Source</b>	The replication source.
<b>Source Artifacts</b>	The replication source artifact count.
<b>Destination</b>	The replication destination.
<b>Destination Artifacts</b>	The replication destination artifact count.
<b>Status</b>	The last replication status.

<b>Last Run</b>	The previous replication run date.
<b>Duration</b>	The last replication duration time.
<b>Next Run</b>	The next scheduled replication run date.
<b>Proxy</b>	The proxy through which MC accesses the Artifactory instance.
<b>Run Now</b>	Invokes the selected replication immediately irrespective of cron expression specified for it.

## License

The **License** tab provides information on the license with which the service is activated.

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1 License

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Status	Artifactory identifier	License Hash	Licensed to	Valid Through	License Type
Active	assanbox1		JFrog	May 15, 2018	ENTERPRISE

<b>Status</b>	The license status.
<b>Artifactory identifier</b>	The Artifactory identifier.
<b>License Hash</b>	A hash code of the license.
<b>Licensed To</b>	The organization registered as owning the installed license
<b>Valid Through</b>	The date at which the license's validity will lapse.
<b>License Type</b>	Specifies if the license is Pro, Enterprise (HA), or Enterprise+

repo.jfrog.io Last time refreshed: Wed May 9 2018 16:51:55 GMT+0300 [Refresh](#) [Actions](#)

	Description repo21-belgium prod	Version 6.0.0-m025	Url <a href="https://repo.jfrog.io/artifactory">https://repo.jfrog.io/artifactory</a>	Site new york	Status ONLINE
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Storage Summary   Replications   **License**   Task Summary   System Info

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Filter by Status Page 1 of 1

Status	Artifactory identifier	License Hash	Licensed to	Valid Through	License Type
Active	repo.jfrog.io : repo21-s2	d18e4587a940b7977331f722de8d9622...	JFrog	Mar 26, 2019	ENTERPRISE_PLUS
Active	repo.jfrog.io : repo21-s3	9d97af0e5aa1d219227f69eec72c35188...	JFrog	Mar 26, 2019	ENTERPRISE_PLUS
Active	repo.jfrog.io : repo21-m	1026eac125d48371f0002689e3e0b507...	JFrog	Mar 26, 2019	ENTERPRISE_PLUS

## HA

The HA tab provides information related to the HA configuration of the Artifactory service.

Storage Summary   Replications   License   **HA**   Task Summary   System Info

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Filter by ID Page 1 of 1

ID	Address	Heartbeat	State	Role
artifactory	http://192.168.1.100:8081/artifactory/...	2017-11-19T15:08:22.905Z	RUNNING	Primary
artifactory	http://192.168.1.100:8081/artifactory/...	2017-11-19T15:08:26.587Z	RUNNING	Member

menu

<b>ID</b>	The unique Artifactory server name
<b>Address</b>	The fully qualified URL of the Artifactory server
<b>Heartbeat</b>	The last time the server signaled that it is up and running.
<b>State</b>	The current state of the server.
<b>Role</b>	<a href="#">The Artifactory node role.</a>

For more details, please refer to [Managing the HA Cluster](#) in the [Artifactory User Guide](#).

## Task Summary

The **Task Summary** tab displays information on all running tasks on the selected Artifactory instance. This information can be used for advanced analysis of events or issues that may occur in the selected instance.

Storage Summary	Replications	License	HA	Task Summary	System Info
<b>26 Tasks</b>					
Filter by Name <input type="text"/>					Page 1 of 2
Name	State	Started	Description	NodeID	
BinaryStoreManagerServiceImpl.BinaryStoreErr...	scheduled		binary store error notification		
RemoteReplicationJob	scheduled		Remote Pull Replication - pond-sandbox		
XrayIndexEventJob	scheduled		Xray Indexing Events		
BackupJob	scheduled		Backup - backup-daily		
LocalReplicationJob	scheduled		Local Push Replication - swamp-test1-local		
StatsDelegatingServiceFlushJob	scheduled		Download Statistics Flushing Delegator		

## System Info

The System Info tab displays the full set of system properties and environment variables for the selected Artifactory service.

Storage Summary	Replications	License	HA	Task Summary	System Info
<b>User Info:</b>					
user.dir			/		
user.home			/home/artifactory		
user.language			en		
user.name			artifactory		
user.timezone			Etc/UTC		
<b>Host Info:</b>					
Available Processors			16		
Heap Memory Usage-Committed			536870912		
Heap Memory Usage-Init			536870912		
Heap Memory Usage-Max			2147483648		
Heap Memory Usage-Used			414341280		

## Viewing Artifactory Service Trends

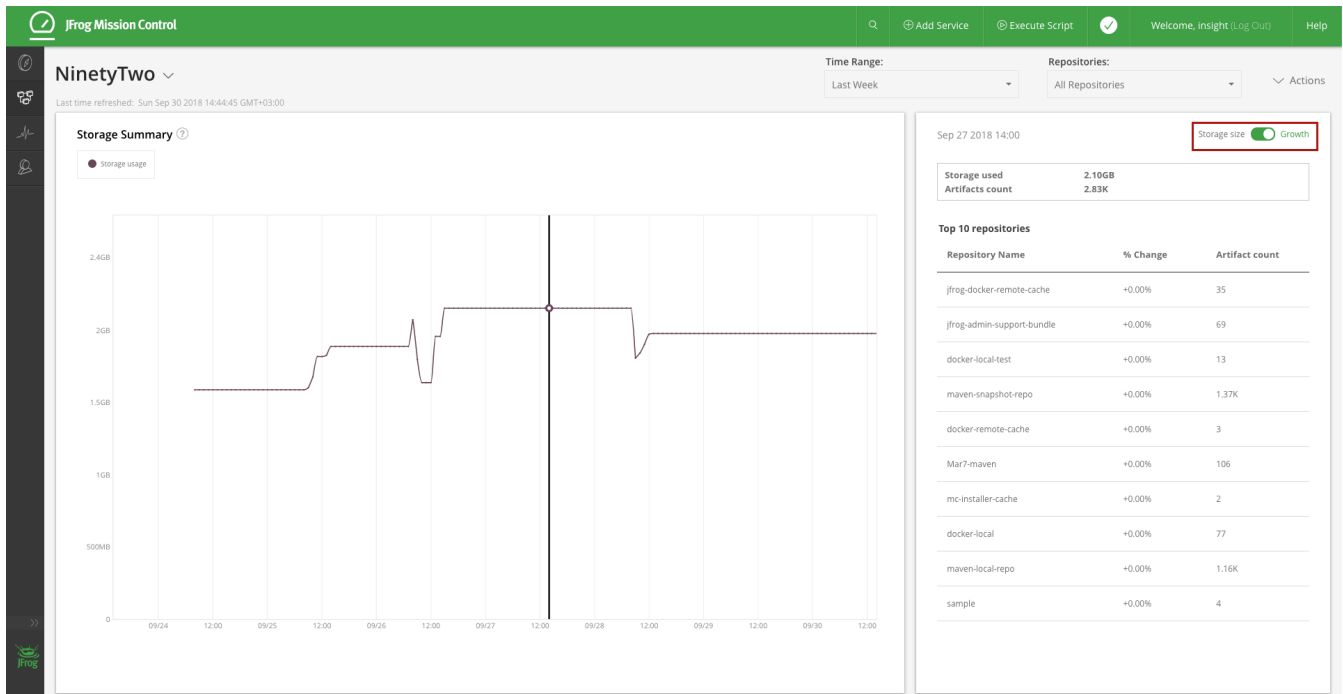
For information on Mission Control service trends, see [Viewing Service Trends](#).

### Enterprise+ License Required

Viewing service trends requires an Enterprise+ license.

## Storage Summary

The Storage Summary trend shows the storage and artifact count on Artifactory. You can view storage data according to **Storage Size** or **Growth** by moving between the Storage size\Growth slider.



In the example above, you can view the storage usage over the past week for all the repositories. In the right pane you can see the storage % change since last data sampled and Number of artifacts. The % Growth shows the percentage of change from the selected point on the graph to the last time the data was sampled.

## Managing Artifactory Extensions

Mission Control uses extensions to manage an Artifactory service. The following tables lists the extensions that Mission Control pushes when adding a service.

Name	Description	Comments
haClusterDump	REST get information about each node of the cluster	
httpSsoConfig	REST get/set http sso config	Used by Mission Control scripts and Disaster Recovery
ldapGroupsConfig	REST CRUD ldap groups config	Used by Mission Control scripts and Disaster Recovery
ldapSettingsConfig	REST CRUD ldap settings	Used by Mission Control scripts and Disaster Recovery
pluginsConfig	REST list user plugins and download plugin	Used by Disaster Recovery to sync plugins
propertySetsConfig	REST CRUD property sets	
proxiesConfig	REST CRUD proxies	
repoLayoutsConfig	REST CRUD repo layouts	
requestRouting	REST route requests to a specific node in a cluster	

## Troubleshooting

This section describes the possible actions required for services that were added to Mission Control with errors.

Error Description	Action Required
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License invalid / duplicate / expired	The license provided is either invalid, duplicated or has expired. Contact JFrog Sales at <a href="mailto:sales@jfrog.com">sales@jfrog.com</a> for an additional license.
Failed to upload extensions	Update extensions by selecting "Upload Extensions" from the Actions menu in the <a href="#">Single Service page</a> .
User is not an admin	Only admin users can set up a connection to a service. Insert service admin credentials.
Failed to connect to the service.	Verify the service information or the service credentials.