

Technical White Paper – NetBackup™ 8.1 and later

NetBackup CloudCatalyst: Minimal system requirements for CloudCatalyst

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1.0 Summary

NetBackup CloudCatalyst uses MSDP deduplication technology to upload deduplicated data to the cloud. The CloudCatalyst storage server uploads the data which is first stored in a local cache before it is uploaded to cloud storage. This cloud storage server is a dedicated host that can be either a NetBackup appliance or a media server that is configured for NetBackup CloudCatalyst.

This document describes the minimum system requirements for a media server that is configured for CloudCatalyst.

2.0 System Specifications

The following information indicates the required hardware and software for a small system to run CloudCatalyst.

The following table shows the required software versions.

Required installation	Version
NetBackup master server version	8.1 or later
Red Hat Enterprise Linux	7.3 or later

The following table shows the minimum hardware specifications.

Hardware	Minimum specifications
CPU speed	2.40 GHz
Cores	4
System memory	16 GB
10 Gb Ethernet ports	1*
Cache size	1 TB
CPU instruction set support	SSE 4.2
Aggregate throughput	1,000 MB/s
Optimal streams	16

*Multiple networking interface cards (NIC) may be desired for redundancy and connectivity reasons.

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3.0 For more information

The following documents provide useful information about NetBackup CloudCatalyst:

- *Veritas NetBackup 8.1 Deduplication Guide*, for detailed information about NetBackup CloudCatalyst.
https://www.veritas.com/content/support/en_US/doc-viewer.25074086-127355784-o.index.html
- NetBackup in the AWS Cloud: Required setup to use Amazon EFS as the NetBackup CloudCatalyst cache
https://www.veritas.com/content/support/en_US/doc/NB_CC_EFS_HA_AWS

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