Release notes

BlueXP volume caching

NetApp
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What's new

Learn what's new in BlueXP volume caching.

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Volume caching, a feature of ONTAP 9 software, is a remote caching capability that simplifies file distribution, reduces WAN latency by bringing resources closer to where your users and compute resources are, and lowers WAN bandwidth costs. Volume caching provides a persistent, writable volume in a remote place. You can use BlueXP volume caching to speed up access to data or to offload traffic from heavily accessed volumes. Cache volumes are ideal for read-intensive workloads, especially where clients need to access the same data repeatedly.

With BlueXP volume caching, you have caching capabilities for the cloud, specifically for Amazon FSx for NetApp ONTAP, Cloud Volumes ONTAP, and on-premises as working environments.

Learn more about BlueXP volume caching.

Known limitations

Known limitations identify platforms, devices, or functions that are not supported by this release of the service, or that do not interoperate correctly with it.

Limitation in copying cache export policy rules

The cache export policy rules are not copied to the cache volume in the following situations:

- When the source volume's working environment is Amazon FSx for NetApp ONTAP or Cloud Volumes ONTAP, and the cache volume is ONTAP 9.10.1 or earlier.
- When the source volume's working environment is any version of ONTAP, and the cache volume is ONTAP 9.10.1 or earlier.

Workaround: You should manually create the rules for the cache volume.

Cache creation fails for storage VMs with same name

If the source and destination clusters use storage VMs with the same name, the cache is not created.

Workaround: Use different names for the source and destination storage VMs.

Delay in displaying new or recently-edited export policies

When creating a cache, you might not be able to see a recently-created or edited export policy on the list.

Workaround: Retry in a few minutes.

Cache creation fails when destination has only CIFS protocol enabled

Cache creation fails if the source or destination cluster has ONTAP 9.10.1 or earlier, and the destination cluster has only the CIFS protocol enabled.

Workaround: Use a destination cluster running ONTAP 9.11.1 or later, or with both the CIFS and NFS protocols configured.

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