Quantum®

StorNext in the Cloud 1.0
Release Notes

Contents

Overview

StorNext in the Cloud is a fully operational StorNext instance that is hosted virtually in the cloud. It is currently supported for Amazon Web Services and is sold in the [AWS Marketplace](#)

Deploying StorNext in AWS involves creating unique EC2 instances backed by EBS storage that are then clustered together into a distributed file system. In general, performance correlates to the number of instances in your cluster, where higher instance counts equate to higher throughput and IOPS. Before creating your StorNext cloud cluster in AWS, consider the amount of storage and number of instances that you need for your environment and workflow.

When you subscribe to a StorNext in the Cloud product, you are provided a [CloudFormation](#) template (CFT). StorNext uses CloudFormation templates to launch a cluster into your AWS account. Before deploying a StorNext cluster, check your account's service quotas to ensure that there is enough capacity available to launch your selected instance type and the volumes used by the cluster. When you launch a CFT, the following is created:

- All the underlying AWS [EBS volumes](#) based upon the CFT you subscribe to.

  > ℹ️ **Note:** Modifying the type or size of the EBS volumes in the StorNext CFT will render the software not functional. Use the block device layout provided in the original CFT.

- A StorNext MDC instance.

Below are the supported AWS [regions](#):

Region	Code
Europe (Ireland)	eu-west-1
US East (N. Virginia)	us-east-1 ℹ️ **Note:** The **c5n.9xlarge** instance type is not supported in the **us-east-1e** region.
US East (Ohio)	us-east-2
US West (Oregon)	us-west-2

For additional information, see [StorNext in the Cloud](#).

Features

StorNext in the Cloud current supports the following features:

- Runs on Amazon EC2.

- Leverages EBS, S3, Glacier and Deep Glacier storage.

Prerequisites

You must have an active [Amazon Web Services](#) account to create a StorNext instance:

- AWS account number and target region.

- IAM permissions for full access to EC2 and CloudFormation.

- SSH key-pair for accessing a StorNext instance.

- Virtual Private Cloud (VPC) with at least one subnet configured in the target region.

Windows and Linux Client Compatibility

- Your StorNext instance in AWS is deployed with StorNext 7.0.1 software.

- Only Windows and Linux clients in AWS are supported. See the [StorNext Compatibility Guide](#) for Windows and Linux client compatibility.

Upgrades

Due to licensing constraints, upgrading your StorNext instance in AWS from StorNext 7.0.1 to StorNext 7.0.2 (or later) is not supported in StorNext in the Cloud version 1.0.

Related Product Release Notes

Visit the [Quantum Documentation Portal](#) to stay up-to-date with the other Quantum products in your environment.
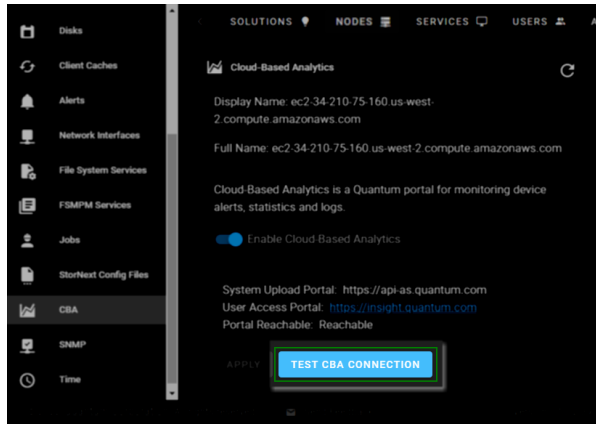
Known Issues

The following are the known issues for StorNext in the Cloud 1.0 as well as associated workarounds, where applicable.

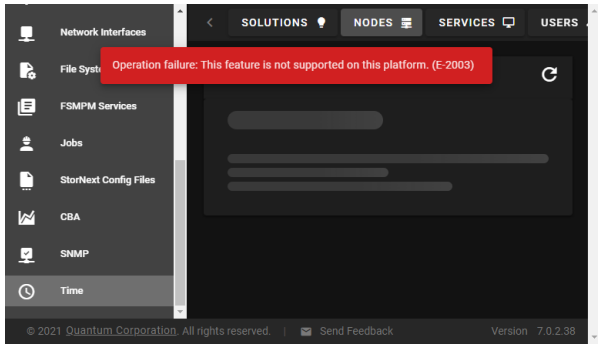| Key	Description	Workaround
SNIC-243	The StorNext Unified User Interface (UUI) **Nodes** > **CBA** > **Test CBA Connection** button does not display a green "success" message when the connection test passes. 	This is a known issue that is not resolved in StorNext in the Cloud 1.0.

Key	Description	Workaround
SNIC-245	The StorNext Unified User Interface (UUI) **Nodes** > **Time** page displays an error: `Operation failure: This feature is not supported on this platform. (E-2003).` 	This is a known issue that is not resolved in StorNext in the Cloud 1.0.
SNIC-287	The StorNext Unified User Interface (UUI) **Logs** > **Service** > **USBE** log report displays a **Request failed with code 0** message: 	This is a known issue that is not resolved in StorNext in the Cloud 1.0.
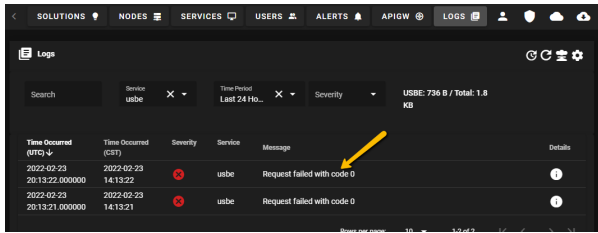
| Key	Description	Workaround
SNIC-351 (also reference Bugzilla CR 46184).	The StorNext software GUI automatically updates the media type for the **_adic_backup** class to match the first configured Storage Destination. There is an issue with the GUI when the default media type is Linear Tape Open (LTO) tape media and your system is configured with only an AWS storage destination. **ℹ Note:** StorNext in the Cloud does not support LTO tape media. By default, the GUI configures copy 1 on LTO and generates the following error: 	To work around the issue, click the **Steering** tab before you apply the policy to the relation point in the **Associated Directories** tab.
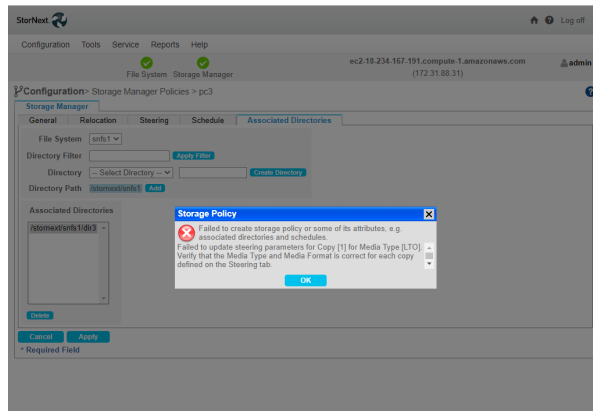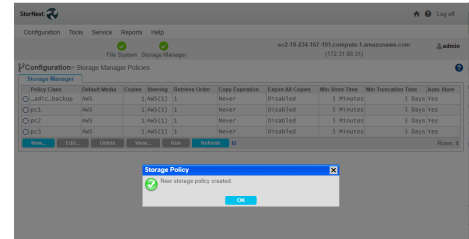
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