Use BlueXP alerts

BlueXP alerts

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Use BlueXP alerts

Use BlueXP alerts

Using BlueXP alerts, you can view storage issues and see details with links directly to System Manager.

- View storage issues or potential risks from the Alerts list page.
- View alert details that are linked in System Manager

View potential risks in ONTAP storage using the Alerts list page

The BlueXP alerts service provides at-a-glance information about the potential risks in your ONTAP environment. You can quickly identify ONTAP clusters that have low capacity or low performance, gauge the extent of availability, determine availability, and identify security risks.

The BlueXP alerts service provides information about these severities and impact areas:

- **Severities**: Critical, Warning, Informational
- **Impact areas**: Capacity, Performance, Availability, Protection, Security, Configuration

Alerts you might see

Here are some of the alerts that the service displays.

The EMS severity maps to the BlueXP alerts service severity in the following ways:

EMS alert severity:	BlueXP alert severity:
alert or emergency	critical
error	None
Low	warning
notice	informational
informational	informational

List of alerts

Critical severity alerts:

- Aggregate state is not online
- Disk failure
- SnapMirror lag time is high
- Volume state offline
- Volume used percentage breach

EMS alerts:

- Antivirus server busy
- AWS credentials not initialized
- Cloud tier unreachable
- Disk out of service
- Disk shelf power supply discovered
- Disk shelves power supply removed
- FabricPool mirror replication resync completed
- FabricPool space usage limit nearly reached
- FabricPool space usage limit reached
- FC target port commands exceeded
- Giveback of storage pool failed
- HA interconnect down
- LUN destroyed
- LUN offline
- Main unit fan failed
- Main unit fan in warning state
- Max sessions per user exceeded
- Max times open per file exceeded
- MetroCluster automatic unplanned switchover disabled
- MetroCluster monitoring
- NetBIOS name conflict
- NFSv4 sore pool exhausted
- Node panic
- Node root volume space low
- Nonexistent admin share
- Non-responsive antivirus server
- No registered scan engine
- No Vscan connection

- NVMe namespace destroyed
- NVMe namespace offline
- NVMe namespace online
- NVMe-oF license grace period active
- NVMe-oF license grace period expired
- NVMe-oF license grace period start
- NVRAM battery low
- Object store host unresolvable
- Object store Intercluster LIF down
- Object store signature mismatch
- QoS monitor memory maxed out
- Ransomware activity detected
- Relocation of storage pool failed
- ONTAP Mediator added
- ONTAP Mediator not accessible
- ONTAP Mediator unreachable
- ONTAP Mediator removed
- READDIR timeout
- SAN "active-active" state changed
- Service processor heartbeat missed
- Service processor heartbeat stopped
- Service processor offline
- Service processor not configured
- Shadow copy failed
- SFP in FC target adapter receiving low power
- SFP in FC target adapter transmitting low power
- Shelf fan failed
- SMBC CA certificate expired
- SMBC CA certificate expiring
- SMBC client certificate expired
- SMBC client certificate expiring
- SMBC relationship out of sync
- SMBC server certificate expired
- SMBC server certificate expiring
- SnapMirror relationship out of sync
- Storage switch power supplies failed
- Storage VM anti-ransomware monitoring

- Storage VM stop succeeded
- System cannot operate due to main unit fan failure
- Too many CIFS authentications
- Unassigned disks
- Unauthorized user access to admin share
- Virus detected
- Volume anti-ransomware monitoring
- Volume automatic resizing succeeded
- Volume offline
- Volume restricted

For details on ONTAP alerts, refer to the ONTAP documentation and System Manager insights at System Manager insights into capacity, security, and configuration issues.

View ONTAP storage issues

Steps

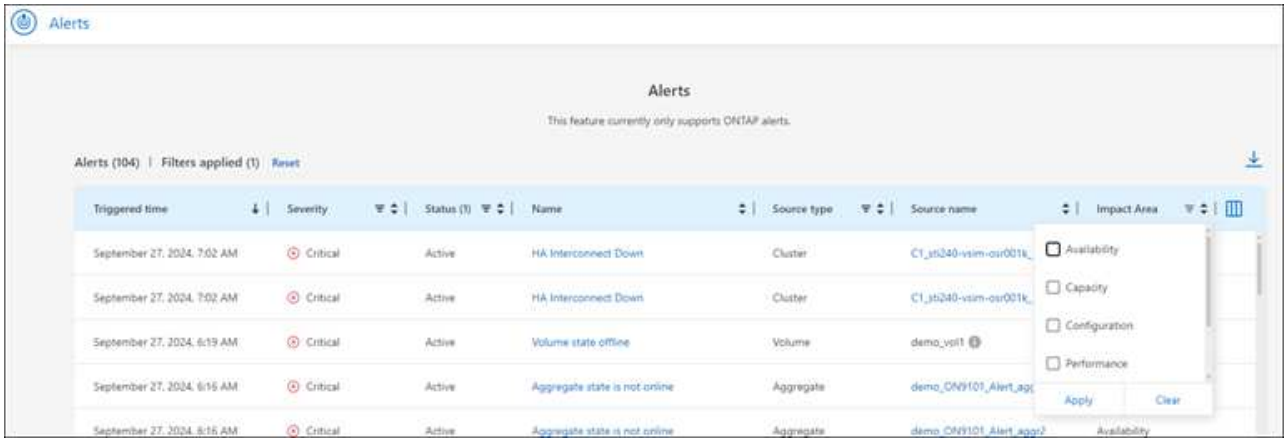
1. From the BlueXP left navigation, select **Monitoring** > **Alerts**.

   After discovery, the Alerts list page shows a list of alerts in your ONTAP environment.

   There might be a delay between an event happening and BlueXP alerts showing it.

2. From the Alerts list page, you can view and do any of the following:
   - Change the sort order by clicking the up or down arrow for a column.
   - Change the filter in the columns to show only the information you want.

     For example, you might want to see only those alerts related to capacity. To do so, click on the filter icon on the Impact area column, select **Capacity**, and select **Apply**.



   - Download a CSV file containing the alerts information.

     You can download up to 1000 alerts. The file includes data based on the filters that were set.

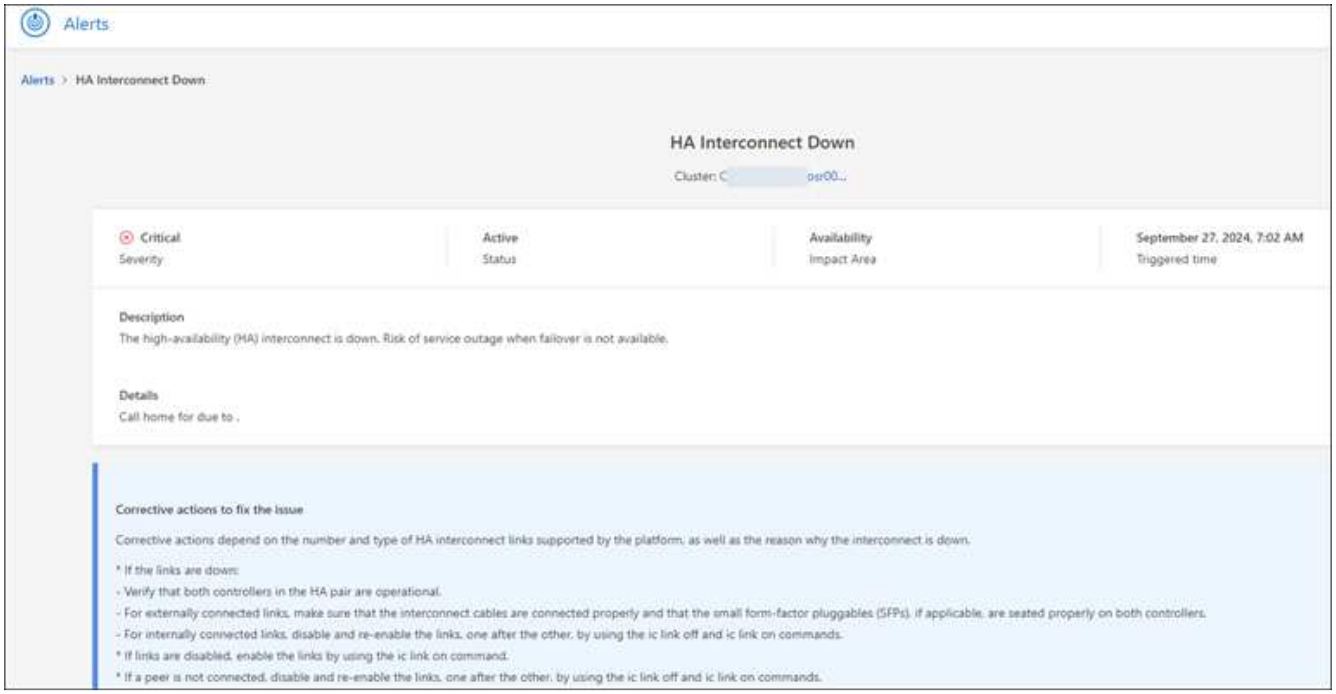
- Select an alert and drill into the alert details on that cluster. See View alert details.

View alert details in your ONTAP storage environment

With BlueXP alerts, you can view alerts associated with your ONTAP storage environment and drill into the details.

View alert details

1. From the Alerts list page, select an alert.

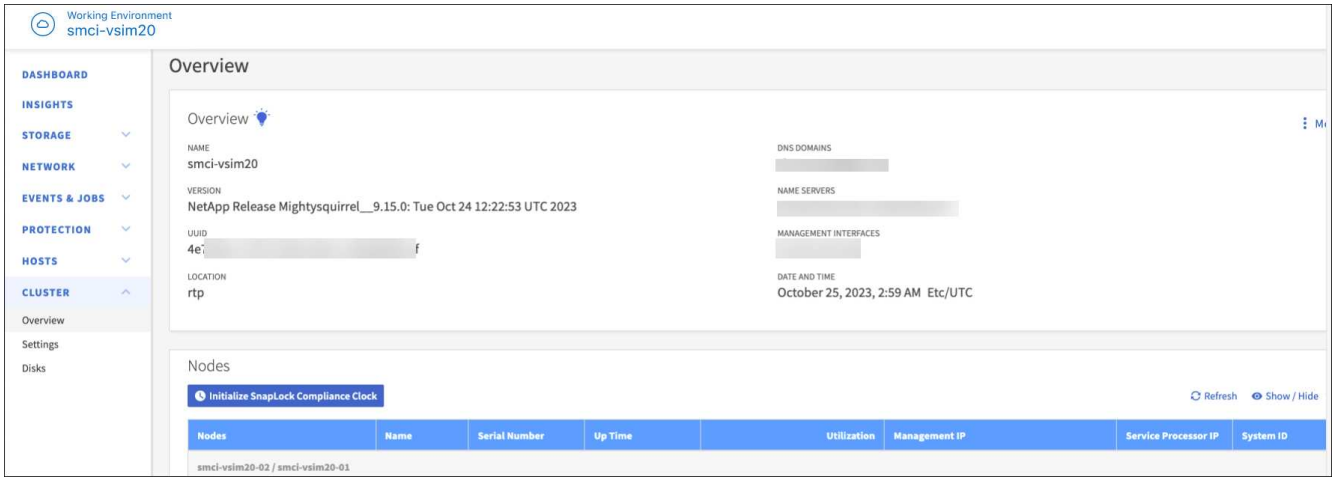


2. Scroll down to find suggested corrective actions.
3. Scroll down to find additional alerts that are related to the object on which the alert was raised.

View details about the cluster in BlueXP System Manager

1. From the Alerts list page, select an alert.
2. From the alert, click on the cluster name at the top of the page.

   BlueXP System Manager now shows you information about the cluster.


Working Environment
smci-vsim20
DASHBOARD
INSIGHTS
STORAGE
NETWORK
EVENTS & JOBS
PROTECTION
HOSTS
CLUSTER
Overview
Settings
Disks
Overview
Overview
NAME
smci-vsim20
VERSION
NetApp Release Mightysquirrel__9.15.0: Tue Oct 24 12:22:53 UTC 2023
UUID
LOCATION
rtp
DNS DOMAINS
NAME SERVERS
MANAGEMENT INTERFACES
DATE AND TIME
October 25, 2023, 2:59 AM Etc/UTC
Nodes
Initialize SnapLock Compliance Clock
Refresh
Show / Hide
Nodes
Name
Serial Number
Up Time
Utilization
Management IP
Service Processor IP
System ID
smci-vsim20-02 / smci-vsim20-01

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