



# **Identify system requirements proactively**

Active IQ Digital Advisor

NetApp  
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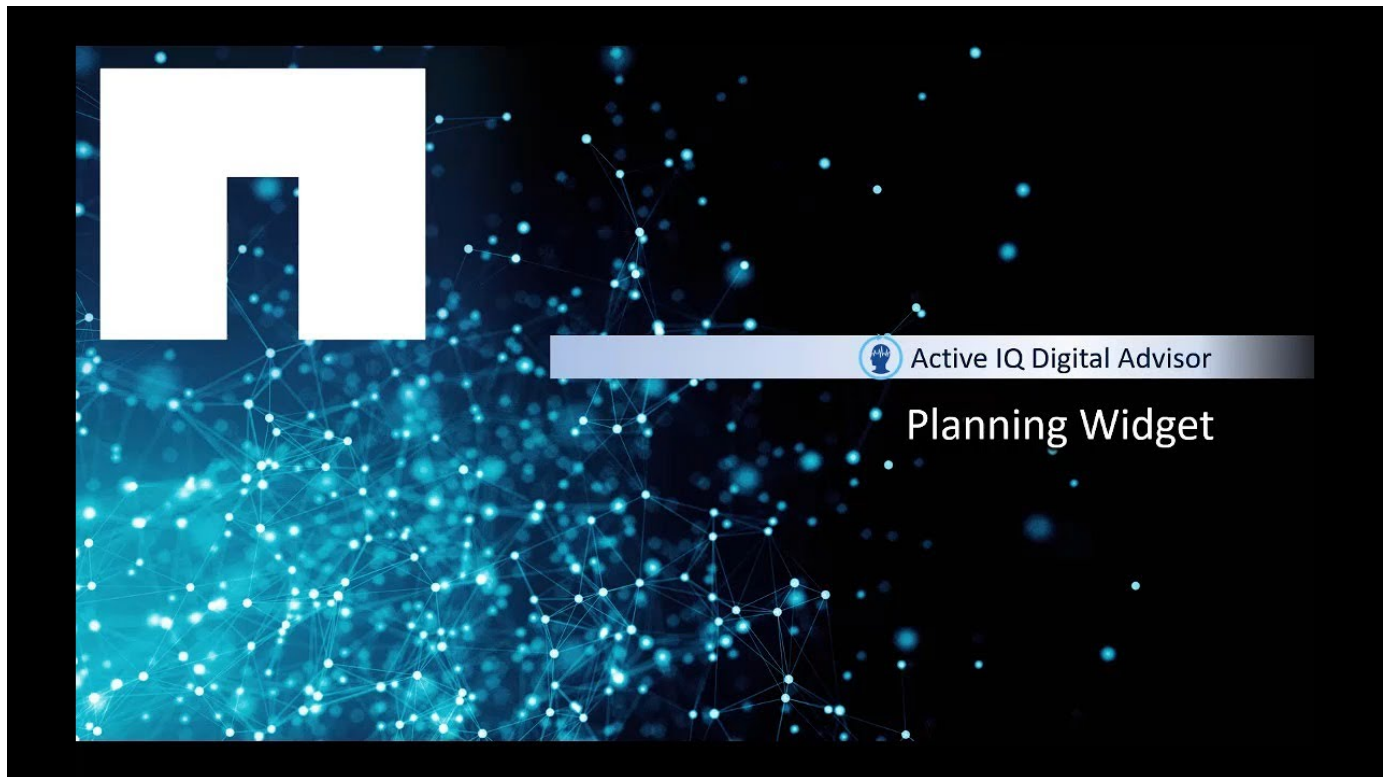
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# Identify system requirements proactively

## Understand planning

The **Planning** widget helps customers identify capacity requirements that have exceeded 90% capacity or are nearing 90% capacity and identify the software and hardware that have expired or are near expiration in the next 6 months. You can send a request to increase the capacity of your storage system and to renew the hardware and software.



## Take informed decisions based on cloud recommendations

Active IQ constantly analyzes your system and provides recommendations to improve the performance, efficiency, and health of your system.

Active IQ provides recommendations about the following:

- **Migration:** Provides information about the different types of workloads available within your storage system and identify the workloads that are cloud-ready. Moving workloads to the cloud result in cost savings and provide cloud disaster recovery.
- **Backup & Archive:** Provides information about the systems that should be backed up to the cloud. You can use NetApp Cloud Backup to secure your systems and restore them back when required.
- **Disaster Recovery:** Provides information about the data that should be replicated to the cloud to help in case of disasters.



Active IQ navigates you to Cloud Manager to implement the recommendations.

### Steps

1. From the left pane, click **Cloud Recommendations**.
2. To migrate data:
  - a. Click on any one link in the **Migration** pane.
  - b. Click **Migrate to Cloud** to launch **Cloud Manager**.
3. To backup and archive data:
  - a. Click on any one link in the **Backup & Archive** pane.
  - b. Click **Backup to Cloud** to launch **Cloud Manager**.
4. To replicate data:
  - a. Click on any one link in the **Disaster Recovery** pane.
  - b. Click **Replicate to Cloud** to launch **Cloud Manager**.

## Identify systems reaching capacity limits

Proactively identify systems reaching capacity limits and send a request through live chat to increase the capacity of your storage system.

You can view systems that have exceeded 90% capacity or are to exceed 90% capacity in 1, 3, and 6 months. Chat with a salesperson to raise capacity addition requests easily and get real-time assistance.

### Steps

1. In the **Planning** widget, click **Capacity Additions** to view the systems that have exceeded 90% capacity or are nearing 90% capacity.

You can view the number of systems that have exceeded 90% capacity or are to exceed 90% capacity in the next 1, 3, and 6 months.

2. Select a card to view the systems.
3. Select the systems for which you want to increase capacity and click **Contact Sales**.
4. Verify your contact details.
5. Copy and paste up to five hostnames into the chat to raise capacity addition requests.

## Avoid a volume filling up to prevent an outage

When you log in to Active IQ Digital Advisor and notice the red badge on the **Configuration** widget. Upon clicking the widget, you see that the volume is 98% full and this might cause an outage. Fixing this issue would avoid a volume filling up, which would make it go read-only resulting in applications accessing it crash and fail.

### Steps

1. Log in to Active IQ Digital Advisor.
2. Click **Actions** in the **Configuration** widget.



3. Click the **Unique Risks** tab. Upon clicking the **Corrective Action** link, you can either change the warning thresholds or allocate more space to the volume.

**Risk Summary** ✕

<b>Impact:</b> <b>High</b>	<b>Mitigation:</b> Potentially Non-disruptive	<b>Public:</b> Yes
<b>Category:</b> ONTAP	<b>Internal Info:</b> <a href="#">Signature: 5558</a>	<b>Corrective Action:</b> <a href="#">Configure Thresholds</a> <a href="#">How to address FlexVol volume fullness and overallocation alerts</a>

**Risk:**  
This system has at least 1 volume that has crossed the default full threshold of 98%.

**Potential Impact:**  
Volumes that become 100% full can go offline, cause SVM's to go offline (SVM rootvol), and cause system disruption (vol0).

**Details:**  
Volume volonadb02pr0\_1pddb2\_anch02 has reached the full percentage of 98% or greater.

## Renew the software and hardware of your storage system

You can proactively identify the software and hardware that have expired or are near expiration in the next 6 months, and send a request to renew the hardware and software.

### Steps

1. Click **Renewals** from the **Planning** widget.
2. Select the systems that you want to renew and click **Renew**.
3. Optionally, provide additional comments.
4. Click **Send**.

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