

HEALTH ▼ STORAGE * **EDIT TAGS** 26 systems Security Office HR_Remote **Disaster Recovery**

GO TO APEX SUPP

3 issues

DETAILS

15:00

12. Feb

Free (TB)

11 2

9 hours ago The storage pool 'Disaster Recovery_Pool2' is oversubscribed and growing at a substantially

9 hours ago The file system 'DR_Pool2_FS1' is growing at a substantially increasing rate, predicted to run out

Performance Impact Jan 25, 2024 01:45

09:00

12:00

06:00

9 hours ago The file system 'DR_Pool2_FS2' is predicted to run out of space within a week.

increasing rate, predicted to run out of space in 5 hours.

Consider adding drives to the pool or migrating data to another pool.

03:00

 \equiv

0

Systems

> PowerVault

> SC Series

Health Issues

Total Issues

Components

Configuration

Performance

Data Protection

Health Score History

Latency

8:30

75%

Seasonality

SPA Utilization Forecast

SPB Utilization Forecast

30. Oct

3 months ago

125%

Data Reduction

Pools

2 pools

Name 1

Market Research Pool1

3 months ago

36.4 TB

27.3 TB

18.2 TB

9.1 TB

0 B

DR_Pool2_LUN2

72.5% (2.8 TB)

0 B

23. Oct

30. Oct

Used+Pre-Allocated

6. Nov

Metric

Latency

Anomaly

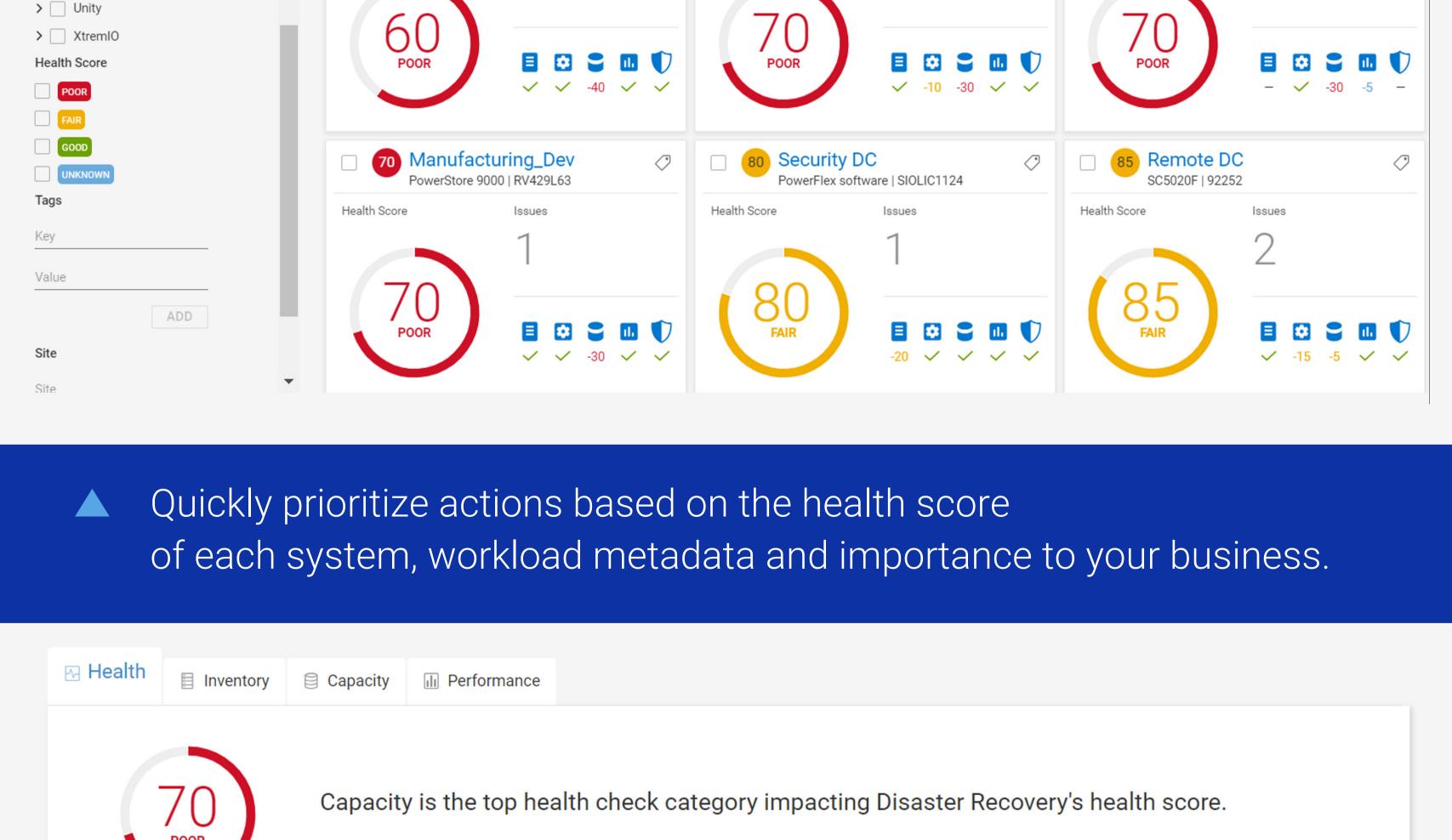
Historical Seasonality

Configuration Changes

Performance Impacts

Capacity

> PowerMax > PowerScale PowerMax_2500 | 000296800647 PowerScale Cluster | ELMISLFAGEF789 > PowerStore Health Score Health Score Health Score Issues Issues Issues



performance & data protection issues that are impacting system health score.

Performance Monitoring and Forecasting

See the health of your entire fleet of on-premises & multicloud systems

25. Jan

Follow recommendations to resolve component, configuration, capacity,

of space in 5 hours.

Capacity

Resolution:

-30

-20

6

-10

-30

Click on a point, or drag a region on the graph, to generate a list of the top 5 most active and best matching storage objects over that time period.

18:00

Performance Impacts 2 (1 with anomaly)

Selecting a time period greater than 8 hours can result in a longer than usual wait time to display results.

Jan 19

Configuration

Predicted Date to Maximum: Feb 15, 2024

····· SPA Utilization Forecast

Predicted Date to Maximum: Feb 15, 2024

First Predicted Maximum

4. Dec

11. Dec

Use performance forecasting for planning system expansion &

18. Dec

25. Dec

20. Nov

workload mobility to avoid latency.

1.0:1

Predicted Full

20. Nov

13. Nov

— Maximum

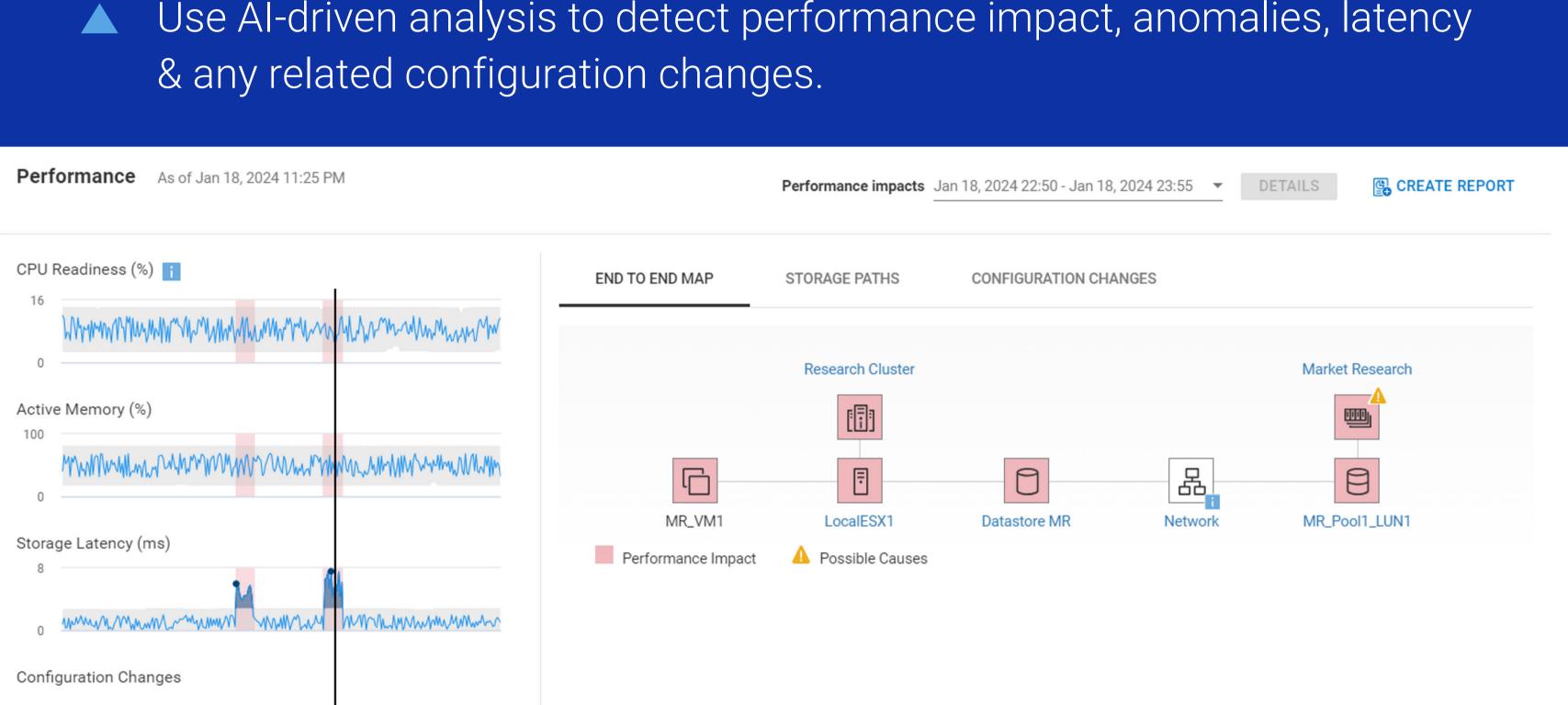
6. Nov

12.5 ms

7.5 ms

2.5 ms

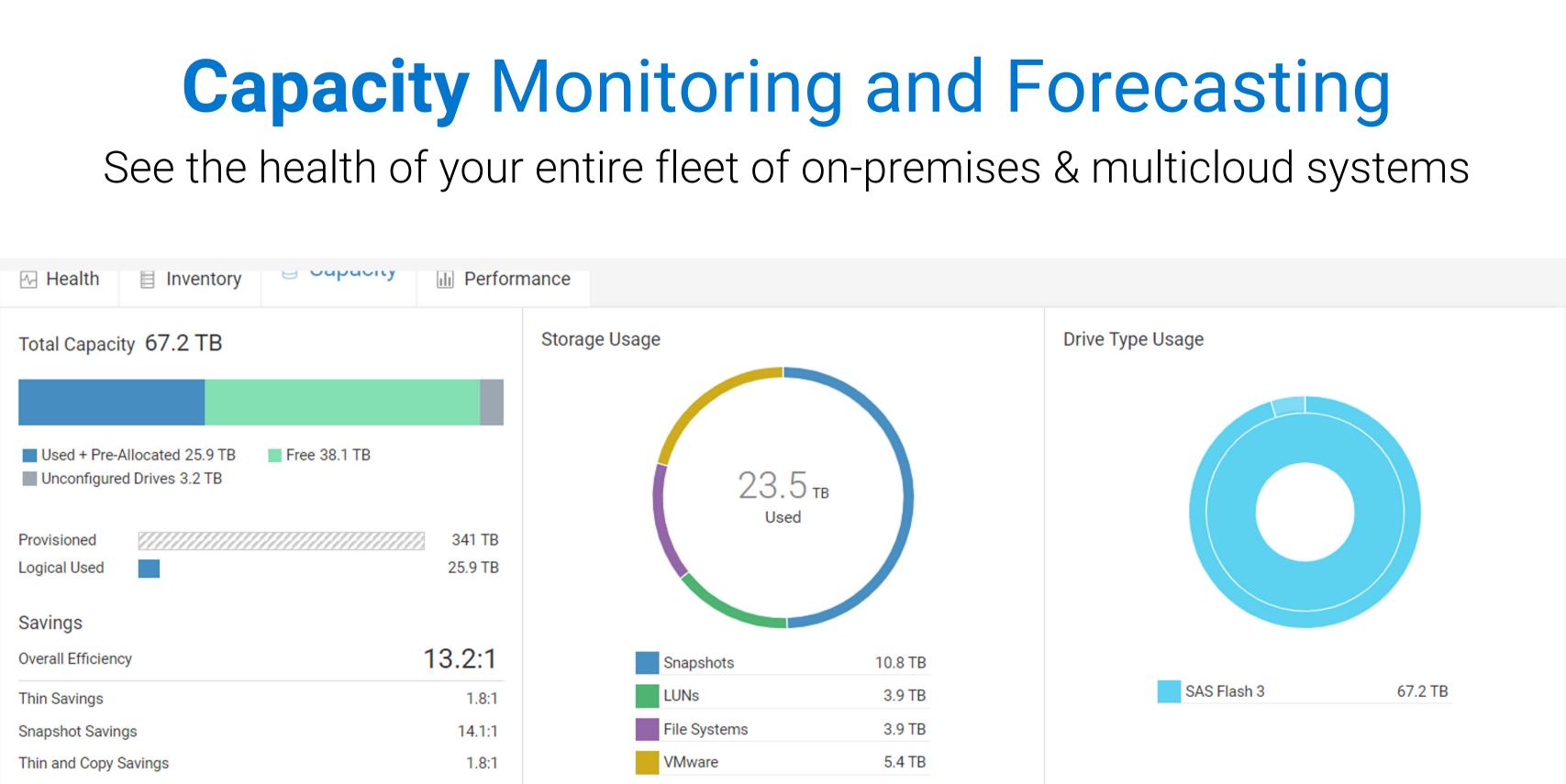
◆ Anomaly ↑ HIGH



3 months ago First Predicted Maximum 30. Oct 6. Nov 20. Nov 11. Dec 12. Feb 100%

Follow data path end-to-end to pinpoint performance impacts across

infrastructure, including VM resources, impact & probable root cause.



Capacity Properties III Performance Capacity Forecast Predicted Date to Full: Feb 9, 2024

11. Dec

Actual Growth per Month

18. Dec

Confidence Range

Quickly gain deep insights about used & free capacity, data

& drive types, efficiency & reclaimable storage.

27. Nov

····· Forecast Used+Pre-Allocated

4. Dec

Used (%)

546

Time To Full

Within a month

(1.2 TB) 5.0 % of Total

1. Jan

8. Jan

15. Jan

22. Jan

29. Jan

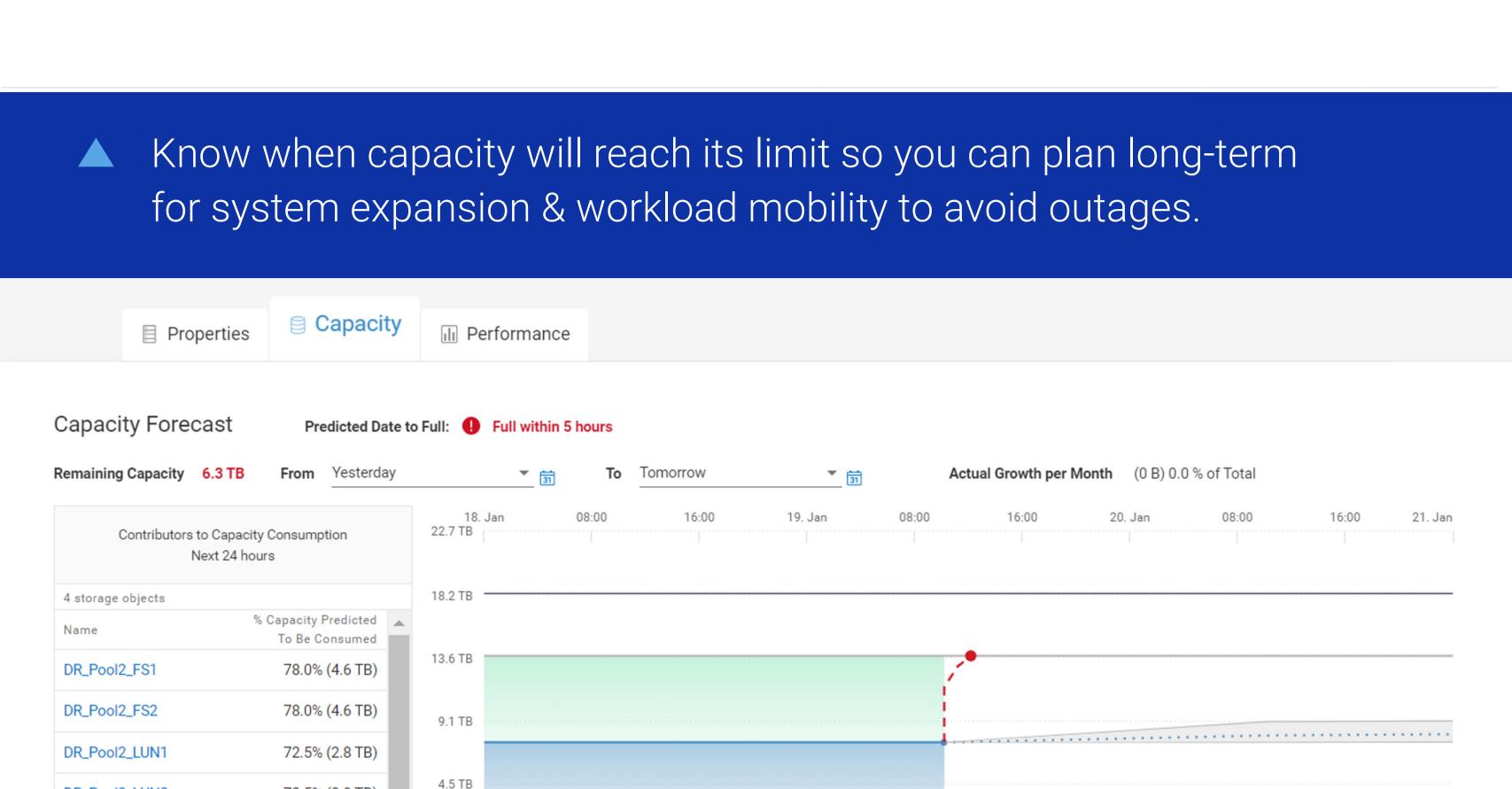
.....

5. Feb

— Subscribed

— Subscribed

25. Dec



Previous Forecast

Proactively detect capacity anomalies that break normal forecasts and

may consume all available storage within hours and cause an outage.

Cloud IQ proactively keeps infrastructure

healthy and optimized with a

variety of additional insights, including:

Previous Confidence Range

potential event avoidance systems requiring updates

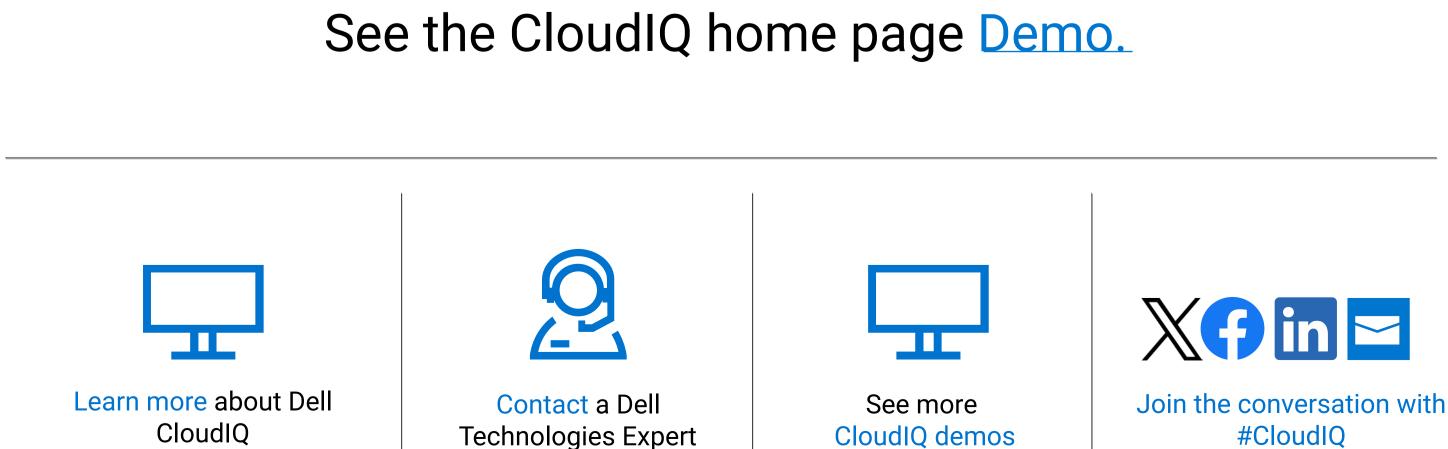
service request tracking

failure prediction

- CloudIQ Validated Value
- Resolves issues Frees IT

1 day/week1 up to 10x faster

CloudIQ comes with Dell ProSupport and ProSupport Plus Services at no additional cost.



© 2024 Dell Inc. or its subsidiaries. All Rights Reserved. Dell Technologies is a trademarks of Dell Inc. or its subsidiaries. Dell Technologies believes the information in this document

¹Based on a Dell Technologies survey of CloudIQ users conducted 2021. Actual results may vary.

is accurate as of its publication date. The information is subject to change without notice.