

Monthly Cloud Technology Market Report

June 2023

HANetf & GinsGlobal

HAN-GINS Cloud Technology UCITS ETF

SKYY

59bps

IE00BDDRE924

Product Inception Date: 05/10/2018

For Professional Clients Only. Capital at risk.

All data as of 31/05/2023

This report was written by, and is the opinion of, the SKYY index providers GinsGlobal.

Cloud Technology ETF: Key Takeaways

- Top 5 & 10 weightings remain less than half the weight of competitors. (7.9% & 15.3% respectively)
- NVIDIA 2023 top performer 159%; Fastly 99%, Salesforce 69%, Google 39%, Msoft 37% & Apple 36%.
- See Monthly Table – led by Cloudflare & ZScaler both up 50%+. Twilio 34% & Nvidia 31%.
- Top 5 weights = 9% weight; Top 10 weight = 17% (both far lower than competitors).
- Globally diversified - US 84.0%, China 6.1%, UK 2.9%, Japan 2.4%.
- SKYY holdings fully representative of Global Cloud industry - SaaS, PaaS and IaaS.
- SKYY only Article 8 ESG complaint Cloud ETF and using a Global benchmark (US 81% weight).¹
- SKYY benefits from Global Benchmark boosted by Big Tech and China holdings.
- SKYY has lowest PE ratios, Price/Book and Price/Sales numbers – versus competitors.
- Asian Cloud still fastest growing per capita via speedy 5G – Mobile Gaming fastest growing gaming area.²

Source of all data: Gins Global / Solactive. Data as of 31.05.2023. **Please note that all performance figures are showing net data.** Past performance is not indicative of future performance and when you invest in ETFs, your capital is at risk.



¹ https://etp.hanetf.com/l/882763/2023-01-03/kknbb/882763/1672738281SLrGsnOd/HANetf_ICAV_SFDR_Website_Disclosures_HAN_GINS_Cloud_Technology_Equal_W.pdf

² <https://www.prysmiangroup.com/en/insight/telecoms/nexst/asia-pacific-public-cloud-services-spending-up-nearly-29-per-cent-in-2021>

Marco Outlook

- AI growth boosting Cloud Computing adoption rates amongst leading companies.
- Digital Tech revolution converging around Cloud Computing.
- Annualized growth of 20%+ expected (Gartner).
- Cloud underpins Video Streaming, Online Gaming, Mobile, 5G and Cybersecurity services.
- ChatGPT, BARD and other AI systems being integrated into Cloud by Microsoft (Azure) and Google.
- 50% of Corporate IT spend expected to shift to Cloud by 2025 – globally.
- \$1trillion of new revenues expected to move to the Cloud within 3 years.
- Only 25% of corporate workloads in the Public Cloud – huge upside potential.
- Strong Tech bounce-back in 2023 – Fed almost finished with rate hikes, we believe.
- Large US and Global Government Cloud Computing contracts.
- Highly regulated industries - showing strong Global Cloud adoption (Govt, Banks, Insurers & H/care).
- Asia reopening helped boost SKYY gains, plus Big Tech reratings.
- Lower US inflation positive for Cloud holdings.
- Cloud Industry growing faster than most Tech areas. Likely to be 3-4 times size of Cybersecurity by 2026.
- Cloud size set to double in 4 years; powering WFH/Hybrid & Digital Video Streaming & Online Gaming.
- Cloud's ongoing cost savings & WFH trend - boosting use during recessionary times.

Sources available upon request. **Please note that all performance figures are showing net data.** Past performance is not indicative of future performance and when you invest in ETFs, your capital is at risk. When you invest in ETFs your capital is at risk.

SKYY Top Contributors – May 2023:

HOLDINGS	Average Weight (%)	Total Return (%)	Contribution to Return (%)
CLOUDFLARE INC - CLASS A	1.2	54.7	0.7
ZSCALER INC	1.4	52.7	0.7
CONFLUENT INC-CLASS A	1.5	46.9	0.7
DATADOG INC	1.7	45.1	0.8
8X8 INC	1.2	39.7	0.5
COUCHBASE INC	1.7	37.5	0.6
CROWDSTRIKE HOLDINGS INC	1.4	34.8	0.5
TWILIO INC	1.2	34.0	0.4
OKTA INC	1.3	32.4	0.4
ADVANCED MICRO DEVICES	1.4	31.8	0.4
NVIDIA CORP	1.5	30.9	0.5
SENTINELONE INC	1.6	30.3	0.5
ELASTIC NV	1.5	29.0	0.4
HASHICORP INC	1.4	26.6	0.4
PURE STORAGE INC - CLASS A	1.4	25.0	0.3

RINGCENTRAL INC	1.5	24.1	0.4
GITLAB INC-CL A	1.1	23.5	0.3
DIGITALOCEAN HOLDINGS	1.3	23.4	0.3
SERVICENOW INC	1.5	21.0	0.3
NUTANIX INC	1.4	20.8	0.3
DYNATRACE INC	1.6	20.3	0.3
EXTREME NETWORKS INC	1.3	18.1	0.2
PALO ALTO NETWORKS INC	1.3	16.4	0.2
INFORMATICA INC	1.3	14.9	0.2
RACKSPACE TECHNOLOGY	1.0	14.7	0.1
ALPHABET INC-CL A	1.5	14.6	0.2

Cloud Technology Performance

As of 31.05.2023

	1M	3M	6M	YTD	12M	2Y	3Y	SI
HAN-GINS Cloud Technology UCITS ETF	11.39%	9.52%	15.08%	20.50%	3.22%	-24.00%	1.98%	26.18%
<i>Solactive Cloud Technology Index (NTR)</i>	11.47%	9.71%	15.50%	20.88%	3.82%	-23.21%	2.82%	28.30%

Please note that all performance figures are showing net data. Source: Bloomberg / HANetf. Data as of 31/05/2023

Performance before inception is based on back tested data. Back testing is the process of evaluating an investment strategy by applying it to historical data to simulate what the performance of such strategy would have been. Back tested data does not represent actual performance and should not be interpreted as an indication of actual or future performance. Past performance for the index is in USD. Past performance is not an indicator for future results and should not be the sole factor of consideration when selecting a product. Investors should read the prospectus of the Issuer ("Prospectus") before investing and should refer to the section of the Prospectus entitled 'Risk Factors' for further details of risks associated with an investment in this product. When you invest in ETFs and ETCs, your capital is at risk.

Product Details

HAN-GINS Cloud Technology UCITS ETF, is a UCITS compliant cloud computing ETF domiciled in Ireland.

The SKYY Cloud ETF tracks the Solactive Cloud Technology Index and seeks to provide exposure to companies active in the field of cloud computing, such as service providers or producers of equipment or software focused on cloud computing.

Please remember that the value of your investment may go down as well as up and past performance is no indication of future performance.

Visit the [SKYY Fund Page](#) for more information.

Exchange	BBG Code	RIC	ISIN	Valoren	SEDOL	Currency	TER
London Stock Exchange	SKYY LN	SKYY.L	IE00BDDRF924	-	BYVJ8T8	USD	0.59%
London Stock Exchange	SKYP LN	SKYP.L	IE00BDDRF924	-	BYVJ973	GBP	0.59%
Borsa Italiana	SKYY IM	SKYY.MI	IE00BDDRF924	-	BFX1CC0	EUR	0.59%
Deutsche Boerse Xetra	5XYE GY	5XYE.DE	IE00BDDRF924	-	BFX38L7	EUR	0.59%
SIX Swiss Exchange	SKYY SW	SKYY.S	IE00BDDRF924	44096882	BMYC3V7	CHF	0.59%



Anthony Ginsberg, GinsGlobal Index Funds

Anthony Ginsberg is the co-creator of the HAN-GINS Cloud Technology UCITS ETF (SKYY), enabling investors to gain exposure to the top 50 cloud companies across Developed and Emerging markets. SKYY tracks a rules-based index to identify and select companies involved in the field of cloud computing.

Anthony Ginsberg is the Managing Director of GinsGlobal Investment Management, a global asset management company offering a broad range of innovative index-linked products, for both retail and institutional investors. GinsGlobal designs index products for a number of leading financial institutions, including global insurers, banks and asset managers. GinsGlobal was founded in 2000 and has operations in North America, Africa, Middle East and Asia-Pacific.

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 - the precious metals ETCs under the terms in the base prospectus approved by both the Central Bank of Ireland ("CBI"), the UK Financial Conduct Authority ("FCA") and the final terms of the precious metals (together, "Metals ETC Prospectuses");
 - the carbon securities ETCs under the terms in the base prospectus approved by the UK Financial Conduct Authority ("FCA") and the relevant final terms of the carbon securities (together, "FCA Carbon ETC Prospectus"); and
 - the carbon securities ETCs under the terms in the base prospectus approved by the Central Bank of Ireland ("CBI") and the final terms of the carbon securities (together, "CBI Carbon ETC Prospectus").

Investors should read the latest versions of the relevant ETC prospectus before investing and should refer to the section of the relevant ETC prospectus entitled 'Risk Factors' for further details of risks associated with an investment in the ETCs. Any decision to invest should be based on the information contained in the relevant ETC prospectus.

- ETC Issuance GmbH, a limited liability company incorporated under the laws of the Federal Republic of Germany, issuing under the terms in the Prospectus approved by the Bundesanstalt für Finanzdienstleistungsaufsicht ("BaFin") and the final terms ("Cryptocurrency Prospectus") is the issuer of the ETCM ETCs. Investors should read the latest version of the Cryptocurrency Prospectus before investing and should refer to the section of the Cryptocurrency Prospectus entitled 'Risk Factors' for further details of risks associated with an investment in the ETCs contained in the Cryptocurrency Prospectus. Any decision to invest should be based on the information contained in the Cryptocurrency Prospectus.

The ETF Prospectus, Metals ETC Prospectus, FCA Carbon ETC Prospectus, CBI Carbon ETC Prospectus and Cryptocurrency Prospectus can all be downloaded from www.hanetf.com.

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