

# Commercial Cloud providers in EOSC

21 September 2023

Madrid, Spain

Taking EOSC  
into the future

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# Commercial providers in EOSC

Part of the OCRE Project GÉANT launched a tender in 2019 for Commercial Cloud Services. For use in the NREN community and EOSC.

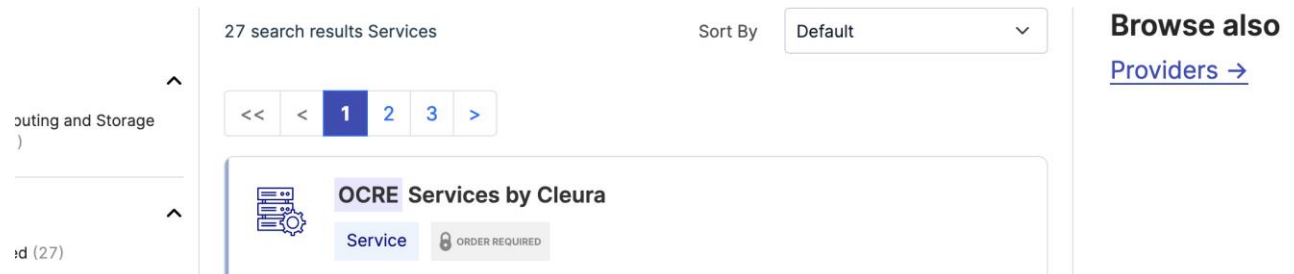
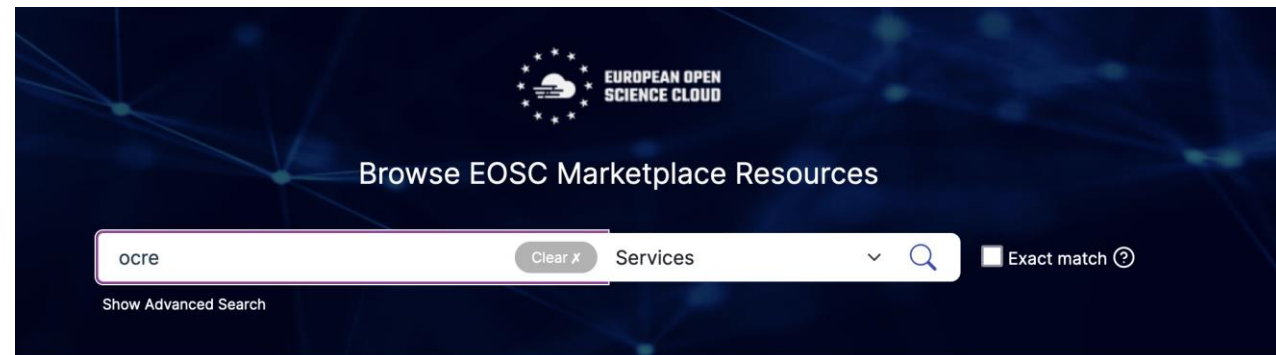
Available since January 2021

Explicitly stating that offered Cloud services must be made available via EOSC using the EOSC Marketplace.

## *How do I access these services?*

Go the 'Services' in the EOSC Marketplace and search on 'OCRE'  
All available Commercial Cloud providers will be displayed.

Follow link and instructions to access.



# Multi National Commercial Cloud providers



Amazon Web Services (AWS)



Azure



Blue Safespring AB



Cleura



Exoscale



Google Cloud Compute



IBM



Ionos



CloudFerro



CloudSigma



Comtrade



CSI Piemonte



Oracle



Orange Business Services



OVHcloud



Proact



Setcor



T-Systems

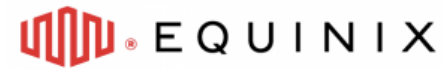
# National Commercial Cloud providers



100 Percent IT Ltd (UK only)



Cloud and Heat (DE only)



Equinix Netherlands B.V. (NL only)



Flowline technologies (FR only)



POSTA SLOVENIJE (SI only)



Sentia Netherlands B.V. (NL only)



Vancis (NL only)



x-ion GmbH (DE only)

# Commercial providers in EOSC

- Contracted via European tender -> 18 Multinational- & 8 National Commercial Cloud providers.
- All framework agreements are available via the EOSC Marketplace and can be compliantly used by all (employees of) eligible institutes and universities.
- Full portfolio of Cloud Services available of all mentioned commercial providers
  - Storage
  - CPU / GPU
  - Virtualisation
  - AI
  - Machine learning
  - Etc.
- Consultancy and support is available through local reseller (native language support / local billing)
- Favourable Terms & Conditions
  - Pricing
  - Data ingress / egress waiver
  - Bring your own license
  - Connection to NREN / GÉANT Network
  - Easy to use / enroll. Ready to go contracts available

# EOOSC <-> Commercial providers

## Finding the balance

- Cloud business is a standardised and high volume business -> bespoke offerings are rare (or not existent) because of the nature of *'Cloud'*.
- Larger Cloud providers work via resellers -> Hyperscalers are reluctant to offer services direct (EC competition laws)
  - Consultancy available via reseller. Does it match requirements of EOOSC user?
- GDPR -> one size fits all approach
- For providers it must be economically interesting to get engaged
- Finding the balance between a bespoke solution <-> generic Cloud service

# Requirements

## Initial requirement gathering done via WP9 (2021 / 2022)

- No real specific requirements were identified
- Generic needs:
  - Storage
  - File transfer
  - Virtual machines
- Based on outcome no additional tender was launched

## Future requirements?

- Need for a specific functionality?
- Are there specific requirements?
  - Balance between individual- and broadly required requirements
- What is required / desired?
  - GDPR?
  - Data Sovereignty?
- Significant demand -> tender to add required functionality to EOSC



# Thank you!

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