



# Microsoft and the OCRE framework

Accelerate your education and research institution with a secure and reliable cloud platform in less time for less cost and minimal effort



# Enhance your cloud capability with Microsoft Azure



## For Research and for IT

European academic research and science is at the forefront of solving global challenges at a rapidly increasing rate and is dominated by exponentially growing data. Researchers are overcoming the challenges of scale, collaboration, and compliance, while minimising cost and complexity, by using Microsoft Azure to achieve unmatched time to insight, scale, and price-performance on the cloud built for high performance computing, data, and analytics.



University's central technical infrastructure requirements are increasingly complex with thousands of applications and services and a diverse infrastructure. Microsoft Azure provides a secure, scalable cloud infrastructure that will run your mission-critical applications with increased operational agility and security.

Using Microsoft Azure's high-performance computing, data and analytics - procured through the Open Clouds for Research Environments (OCRE) framework – institutions can accelerate tender award processes and overcome the challenges of scale, collaboration and compliance while minimising cost and complexity.

### Making Azure adoption easier

The OCRE framework, available to GÉANT members, enables over 10,000 universities and research institutions, served by 40 National Research and Education Network (NREN) organisations across Europe, to benefit from:

- Significant discounts across Azure services.
- Ready-to-use contracts designed to satisfy national and European public sector procurement regulations and GDPR requirements.

### Additional benefits include:

- Significantly reduced network traffic costs with Microsoft services connected to the high-performance data networks provided by GÉANT and its NREN partners.
- Leverage Azure AD to provide federated SSO and enable RBAC and governance of Azure services.
- Azure Professional Direct Support discounts.
- Leverage Microsoft Software Assurance and Student Use Benefits to further



# Start your journey today

Supported countries have all been assigned an OCRE Azure awarded reseller. You can find contact details below, as well as a link to your partner's individual framework guide. This explains who is eligible to buy under the OCRE framework and how interested parties can purchase Azure.



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# Why thousands of IT professionals and researchers choose Microsoft Azure



All cloud providers are not the same is something many educators and researchers using Microsoft Azure have discovered.

In education and research, Azure is already known as a reliable, agile, high performing and trusted platform that is helping students, faculty, and researchers unlock their full potential. Offering institutions a rich toolset with governance, security, cost recovery, monitoring, and reporting solutions.



## Intelligent

R&E Institutions can modernise online services by adding human-like intelligence to any application or process. They can reach stakeholders and provide customer service in new ways with automated service agents. Plus, using data models, universities can gain insight into student performance and empower directed learning.

## Productive

Students, faculty, and IT are more productive on and off campus using Azure, with everything from Azure Notebooks, to task automation and virtually infinite compute power to accelerate discovery.





### Hybrid

Azure is the only cloud service that can operate on-premises and in the cloud simultaneously, allowing R&E institutions to augment on-premises investments with cloud services. Plus, Azure users can adopt cloud technology at their own pace, deciding what data, workloads, and services to migrate.



### Trusted

Education institutions can eliminate shadow IT and have the tools in place to govern data, while also enabling stakeholders to operate autonomously. Azure is trusted by 90 percent of Fortune 500 companies. It offers institutions a rich toolset with governance, security, cost recovery, monitoring, and reporting solutions.



# Useful tools

For now, you can get a head start on planning and budgeting for Azure using some of the tools that we've built for our Azure customers. They'll help you gain insight on the likely costs and entitlements under OCRE to support conversations with budget holders at your institution.



## Azure pricing

OCRE customers can find the current Azure public pricing by product/service at <https://azure.microsoft.com/en-us/pricing/#product-pricing>



## Azure calculator

Customers wishing to confirm costs of deploying services to Azure can leverage the Azure pricing calculator to enter the type, quantity, and preferred purchase option i.e. PAYG or Azure Reservations by using the Azure Calculator at <https://azure.microsoft.com/en-us/pricing/calculator/>



## Azure Cost Management

All OCRE members purchasing Azure under Volume Licensing will be entitled to use the Azure Cost Management solution free of charge. Azure Cost Management helps organisations visualise, manage, and optimise costs across Azure.

## Find out more

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Microsoft Azure – [Learn more](#)

The Open Clouds for Research Environment (OCRE) Framework – [Learn more](#)

GÉANT – [Learn more](#)

