

Internet2 NET+ Services

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What are Internet2 NET+ Services?

Internet2 currently provides a number of “above the network” services. Under a new set of programs called [Internet2 NET+ Services](#), Internet2 will significantly increase the scope and value of such services available to its members. Leveraging the 100G [Internet2 Network](#) and capabilities such as [InCommon](#) federated identity management services, the new Internet2 NET+ Services group will be working in conjunction with other groups within Internet2, members of the Internet2 community, and third-party service providers to identify, design and deploy enhanced services that meet the growing needs of the Internet2 community.

The Internet2 NET+ Services team will develop a portfolio of service offerings that bring value to Internet2 member organizations, including higher education, government, and industry. Our goal is to create services tailored to the needs of the Internet2 community that are cost-effective, easily accessed and simple to administer.

What types of services are currently in the Internet2 NET+ portfolio?

Today, Internet2 NET+ services include:

- **[The Internet2 Commons](#)**: IP-based collaboration technologies including virtual meeting rooms, desktop collaboration and telepresence
- **[Middleware](#)**: Enabling middleware tools such as MACE, Shibboleth®, Grouper™ and COmanage
- **[InCommon](#)**: InCommon Federation, Assurance Program, and Certificate Service
- **Cloud Services**: Providing access to cloud services including infrastructure, platform and application services, Internet2 NET+ cloud services will be developed in conjunction with third-party suppliers to meet the special needs of the Internet2 community. Current cloud services offerings include cloud storage services via Box and infrastructure and platform services (pilot) via HP in conjunction with SHI International. The Internet2 NET+ Services group is engaged in discussions with a number of other cloud services providers around a range of services that will be added to this initial portfolio.

What types of cloud services will be offered in the future?

Internet2 NET+ will offer access to cloud services including:

- Infrastructure as a Service (including HPC)
- Platform as a Service (open source, shared development, sandbox environments) customized for the Internet2 community
- Software as a Service to meet the needs of the Internet2 community

- Other cloud services, for example: VOIP, virtual desktop, virtual computing labs, storage and content repositories, large-scale archiving, video conferencing, etc.

The Internet2 NET+ Services group is engaged in discussions with a number of cloud services providers, both commercial and in the Internet2 community, concerning a range of services that will be added to the initial portfolio.

Who will have access to these cloud-related offerings and when will they be available for members?

While our intent is to provide services to all Internet2 members, some arrangements may be specific to certain member categories or levels. This will be announced as the offerings become available. We expect that Internet2 members will be able to purchase these services as part of their annual membership. Some services will be available to non-Internet2 members at a higher price.

Would participants in these services need to be members of InCommon?

Most services will require membership in [InCommon](#). This is so that Internet2 NET+ offerings can take advantage of the federated identity services provided via InCommon.

How do I get more information about Internet2 NET+ Services?

[Our web page](#) will be regularly updated with new information. In addition, we maintain a mailing list and will send out regular updates. Please send your contact information and interests or address other inquiries to netplus@internet2.edu.