

THE SPRING
MEETING 2012

Internet² NET+

PHASES – TYPES OF SERVICES

BUILDING the next

INNOVATION platform

TOGETHER

INTERNET²®

Why Internet2 NET+ Services?

- Define a new generation of community-developed and delivered services that advance and support R&E
- Work with our members and service providers to develop solutions that meet unique R&E needs for performance, usability, and security
- Provide a single point of contracting and provisioning for the Internet2 community
- Leverage our members' buying power for better pricing and terms
- Leverage the Internet2 network and other services such as InCommon

Internet²NET+



Approach

Coordinate existing Internet2 above-the-network initiatives

- Develop a technical and business model for above-the-network services
- Leverage the network, middleware initiatives and federated authentication within a unified services organization

Develop new programs with third-party service providers exploring:

- Alternative specifications
- Interoperability requirements
- Service level definitions
- Business services and pricing models

Four Phases of NET+ Services

Research Incubator	Service Validation	Early Adopter	General Availability
Trial phase with limited expectation of production pilot from “as is” state	Member CIOs as steering committee. Proof-of-concept, tuning of service and development of business model.	Up to 10 early adopter. Business model finalized. Master Contract developed.	Full availability to target community. Contracts signed and service level agreements in place.

Types of NET+ Services

IaaS-PaaS

Infrastructure
and platform
services

SaaS

Software for
academic,
administrative,
infrastructure
needs

Communications as a Service

Helping us
communicate
and collaborate

Other Services

Services of
interest and
value to the
community



Types of NET+ Services

Designed Service

Customized for the Internet2 community

Special Offering Terms

Available to Internet2 community

Co-Marketing

Discount to the Internet2 community

Community Providers

Service of, by, and for the community



“Designed Service” Providers

Service customized to meet the needs of the Internet2 Community

- Commercial or Consumer offering modified to incorporate features or needed by our community (FERPA, IPv6)
- Leverage the network, middleware initiatives and federated authentication within a unified services organization

Multiple schools participated in proof-of-concept or early adopter period

- Validate design specification
- Engagement with provider to ensure continued alignment with community needs

“Special Offering Terms” Providers

Commercial providers supply standard technology or product offering but under special terms to the Internet2 community

- Volume discounts
- Extended trials
- Flexible terms of service

“Co-Marketing” Services

Commercial providers supply standard technology or product offering but at a discount.

- May provide InCommon authentication
- May provide Internet2 connection via commercial peering (TR-CPS)

“Community” Providers

Services provided by regional networks, university systems or campuses, or other university-related non-profit entities.

- May be locally developed
- May be of commercial origins

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Essential tool for the new normal

*NET+ is **your** service: let's develop the future together!*
Participate in service validation and early adopter programs

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