

# How to set up a forward proxy for the OpenAthens Managed Proxy Service

For large organisations and consortia who need the proxy service to present different IP addresses for different parts of their account structure we have an option available where the OpenAthens Managed Proxy Service can use a locally hosted forward proxy to perform the final hop to the publisher site.

OpenAthens still does the complicated parts (selecting the relevant configurations, permissions, redirector support and re-writing), but the final hop to the resource can come from an IP address of your own - i.e. one that vendors already have registered for you. In a sense you are bringing your own IP address to the managed proxy service.

## There are three options documented.

For the large organisation or consortia with a need for different IP addresses for different organisational units:

- [Multi-tenant use of Squid with OpenAthens](#)

For the smaller organisations who want the own IP element:

- [Single tenant use of Squid with OpenAthens](#)
- Single tenant use of Squid as a forward proxy on Windows (coming soon)

Squid is a widely used proxy available on most platforms under the GNU GPL (i.e. it's popular and free). Link: <http://www.squid-cache.org/>