

# IP address requirements

## Information for Administrators and IT Departments

To use Emerald's e-resources institutions should obtain and use a fixed, external IP address.

Why?

- Access by IP is preferred
- Instant recognition for institution
- Seamless access, no need for log-in details (username / password)
- Administration reduced as all computers networked on the IP address can access e-resources
- Heightened security due to reduced misuse of log-in details (username / password)

## Information for Librarians

In order to add or amend your IP addresses please email [support@emeraldinsight.com](mailto:support@emeraldinsight.com) stating your institution's full name. It would be appreciated that you notify the registered librarian for your Emerald account of any changes you wish to make to your institutions IP authentication before contacting Emerald.

List the IP with firewall or proxy in brackets e.g. 123.123.123.123 (proxy).

Please note that the IP address range for each campus of your institution needs to be registered with Emerald to ensure that access is campus-wide.

Please note that Emerald will take up to 48 hours to implement any changes (please allow for extra time during weekends and UK bank holidays). It is advisable to keep a record of your IP registration. Emerald will provide you with an email confirmation once the IP addresses have been registered / de-registered.

## Reserved IP addresses

Obtaining the range of fixed, external, IP addresses from your IT department is essential in order to use Emerald's e-resources.

Access to e-resources is not available if institutions register their internal, private or reserved IP addresses.

Internal and reserved IP addresses are easily recognizable as they are consistent across all institutions:

10.0.0.0 - 10.255.255.255  
169.254.0 - 169.254.255.255  
172.16.0.0 - 172.31.255.255  
192.168.0.0 - 192.168.255.255  
127.0.0.0 - 127.255.255.255  
224.0.0.0 - 239.255.255.255  
240.0.0.0 - 255.255.255.255