

# Users' Manual

Information here should help the users of the Experimental Execution Environment (EEE) of the ComPat project get their applications running.

## Getting a grid certificate

In order to use the resources that the ComPat EEE makes available you have to have a grid certificate. Grid certificates bind a cryptographic key to a Distinguished Name (DN) and is used as a way to identify you as a valid computing resource user on all the different sites of the computing grid.

Now for the practical points:

1. Figure out who is your Grid CA (Certification Authority which will issue your grid certificate) - usually you need to choose the closest CA (see <https://www.eugridpma.org/members/worldmap/>)
2. Request a certificate from the CA
3. Install that certificate in your browser and in your `~/.globus` folder (i.e. `.globus` folder inside your home directory - also for Windows)

LRZ provides some documentation on certificates (which partly apply to other computing centres as well) on:

[https://www.lrz.de/services/compute/grid\\_en/certificate\\_en/person-certificate\\_en/](https://www.lrz.de/services/compute/grid_en/certificate_en/person-certificate_en/)

Further LRZ information on grid computing, tools (globus toolkit, etc.) and handling which you might find useful:

[https://www.lrz.de/services/compute/grid\\_en/](https://www.lrz.de/services/compute/grid_en/)

[https://www.lrz.de/services/compute/grid\\_en/grid-middleware\\_en/globus\\_guide\\_en](https://www.lrz.de/services/compute/grid_en/grid-middleware_en/globus_guide_en)

## Site Specific Instructions

[Instructions for getting on SuperMUC](#)

[Instructions for getting on PSNC](#)

[Instructions for getting on STFC](#)

## Information about ComPat resources

[SuperMUC Resource Info](#) [PSNC Resource Info](#) [STFC Resource Info](#)

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Last update: **2017/09/29 15:30**

