EN Engineering Department

EN Computing Environment

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Computing Service in EN Department

- EN Desktop
  - Installation
  - Troubleshooting
  - Advice
  - Management of the EN computing equipment inventory

In case of problems with your computer, contact the EN Desktop Support (169807 or En-desktop@cern.ch)

Computing Services at CERN

- General Support (including software):

  Helpdesk Support => *help.desk@cern.ch* *or 77777*

- For printers (installation & troubleshooting):

  Printer Support => *Printer.Support@cern.ch* *or 77777*

- For CAD (Computer Aided Design) softwares:

  CATIA Support => *catia.support@cern.ch* *or 77777*

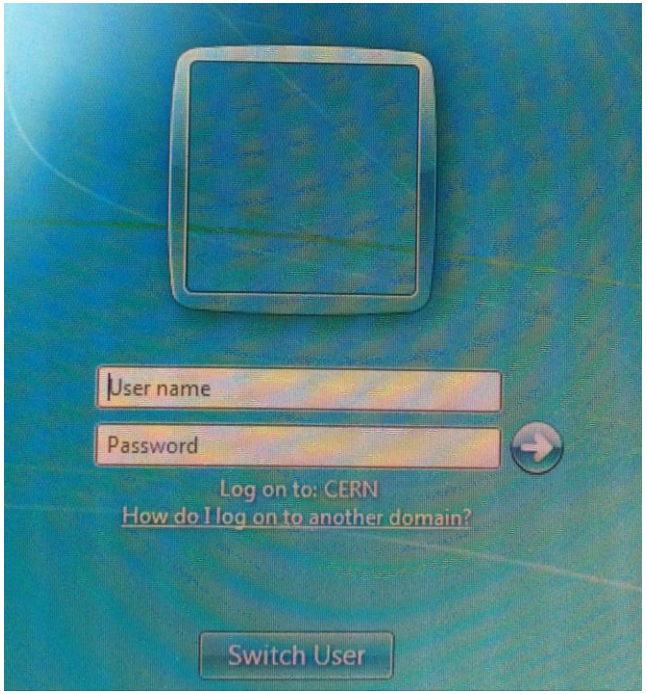
- For workstations (installation & troubleshooting)

  GS Support => *GS-Desktop.Support@cern.ch* *or 77777*

In case of doubt, call EN Desktop (169807 or En-desktop@cern.ch)

NICE Account

- Use your **login** and **password** to connect to the CERN computing environment



- How to get it
  - Go to bldg. 55
  - Give a personal e-mail address
  - Pass the computer test

Connecting to the CERN Network

- Via CERN Computer
  - **Login with your NICE login & password**
  - Windows7 and CERN network are already configured

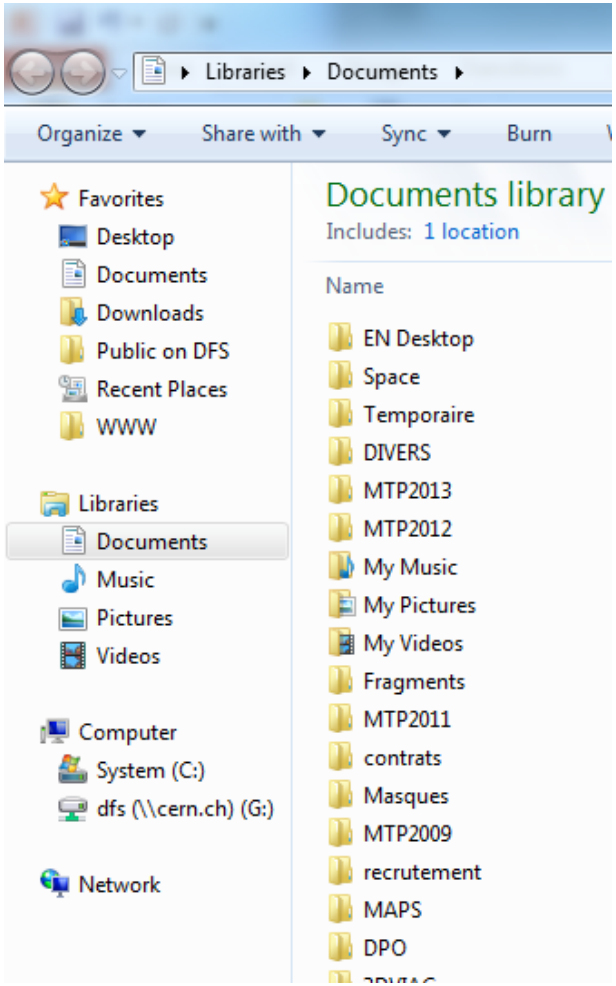
- Via Personal Computer and Phone

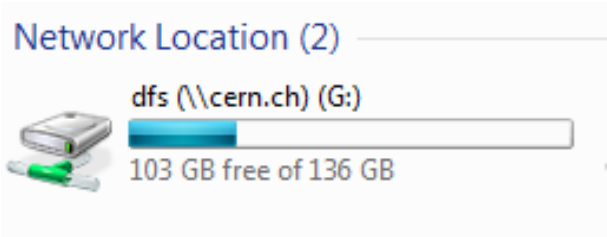
- Connection from Outside CERN

DFS
Distributed File System

DFS is a **data storage space**

- For personal data
  - Backs up data stored in desktop and libraries
  - Associated to your NICE login
  - A "Public" folder
  - Memory quota is 2 Go
- For shared data
  - Gives access to CERN data servers (folders for applications, departments, groups, projects, workspaces, etc.)

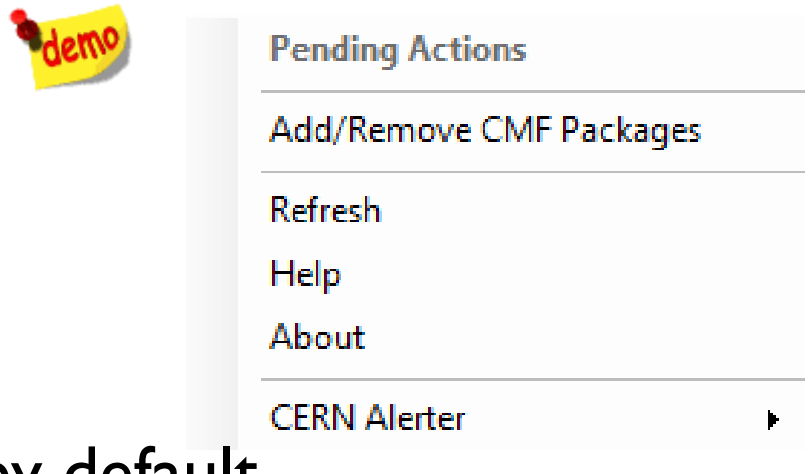




CMF Computer Management Framework

CMF is a CERN tool to **install and remove softwares**

- Icon on your Desktop



- Applications installed by default
  - Microsoft Office
  - Adobe Reader
  - Phonebook
  - Antivirus

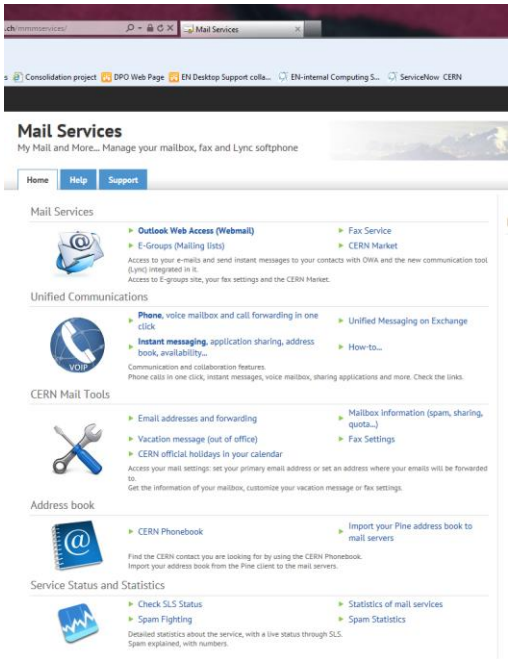
CERN Phonebook

- To search
  - A phone number
  - An office number
  - An organic unit
- Available on your desktop demo

E-Mail

Two ways to access CERN E-Mail:

- Microsoft Outlook: in the Start Menu
- Outlook Web Access (https://mmm.cern.ch/owa/)
  - Mail Services (https://mmmservices.web.cern.ch/mmmservices/)
    - Vacation message (out of office)
    - CERN holidays in the calendar
    - Quota: 2Go



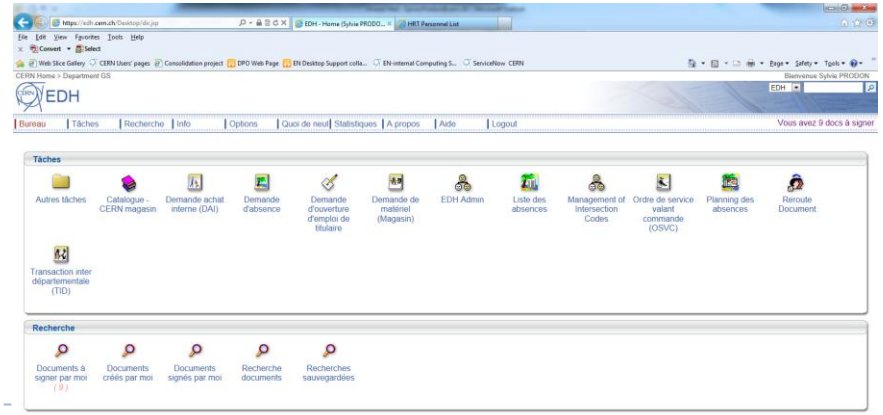
EDH
Electronic Document Handling

EDH is a CERN tool containing **electronic forms** with an approval **signature** circuit

- Access: https://edh.cern.ch/Desktop/dir.jsp 

- Require two passwords:
  - To access the system: NICE login
  - To sign a document: "EDH authorization password"
    - Different from NICE login
    - Request for EDH password through Helpdesk
- Examples of forms
  - Absence Request
  - Access Request
  - Driving Request
  - CERN Catalogue

For more information, a dedicated training is available



"Developing secure software"

All software developers and system administrators at CERN must follow the "Developing secure software" course available in the CERN catalogue:

CERN Training Catalogue

HR Training Website

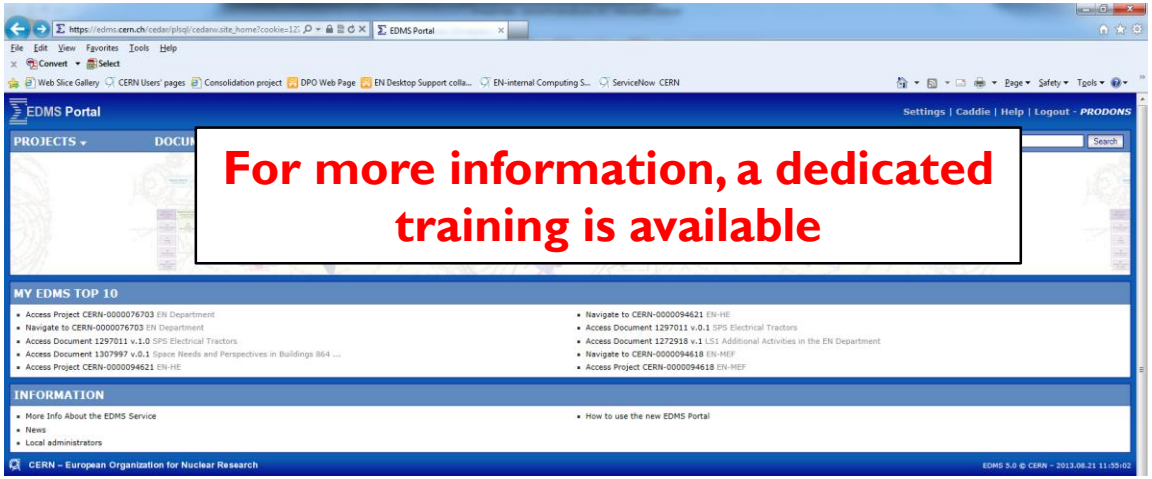
Welcome to the CERN Training Catalogue. Please use the form below to search among the **332 available courses**.

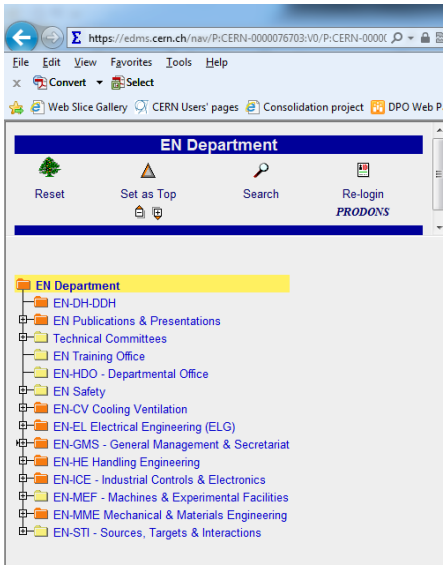
Course or Competency *Programme* Any *Has Upcoming Sessions* Search

Developing secure software	
Category	Information technologies
Competencies	Primary • **Service & systems operation** • **Systems & applications development**
Target Population	Software developers (programmers), both for regular software and Web applications
Prerequisites	To fully succeed in this course, students should have some programming experience (preferably in C/C++, Java, Perl, PHP or Python)
Objectives	This course addresses the following question: how to create secure software?
Content	First two hours of the course: •Threat modeling and risk assessment •Protection, detection, response •Security through obscurity? •Main security principles (defense in depth, least privilege principle etc.) •Security in different phases of the software development lifecycle: architecture, design, implementation, testing, deployment, maintenance •Implementation (coding): common pitfalls and security bugs, advice on best practice for security development The last hour, optional, for Web application developers: •Threats and attacks specific to Web applications •Examples of most common security bugs, ways of avoiding them •Security issues specific to PHP •Beyond implementation: secure deployment and maintenance of Web applications This course, although not hands-on, is interactive and full of real-life examples.

EDMS is a CERN tool for the **approval, archiving and follow up** of **technical documents**

- Access: https://edms.cern.ch/cedar/plsql/cedarw.site_home
- To access the system & approve documents: NICE login
- EN Department EDMS structure available





Additional Sources of Information

- CERN Directory WebPage
  - Phone numbers and Buildings
  - Departments, Experiments and Projects
  - Applications
- IT Department WebPage 

  - Account Management
  - Mac Support
  - Linux Support
  - NICE services

EN Services

http://en.web.cern.ch/for-en-members

- Office & Space Logistics
- Official Travels
- Education Fees
- English Proofreading
- EN Desktop Support
- EN Workshops

Useful tips: Templates are available on our website

For any problem/request, contact the Service Desk (77777)

Useful links

In order to make you comfortable with:

- The CERN environment (Bank, Post Office, restaurants, etc.)
- Useful services provided by CERN (HR, shuttles, maps, car sharing, Bikes, CERN clubs, etc.)
- Useful info (public transports, accommodation, CERN Market, etc.)

We have prepared a EN Newcomers' Leaflet and there is a link to a EN Quick Guide on our website.

In Case of Need

- Consult the EN Computing guide for Newcomers
  - Contains links and snapshots
  - Additional information not presented today
- Call EN Desktop Support : Gaetan Richaud, tel. 169807 or email: en-desktop@cern.ch


MERCI!
THANK YOU!
FRAHAR.