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@EGI_eInfra

Installation MasterPortal

EGI-ACE WP6

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Installation MasterPortal

Introduction

Name	MasterPortal
Description	Token Translation Service
User group	Federated users needing X.509 certificates
Features	Portal flow/commandline use of RCauth CA
Integrations with EGI infrastructure	Part of EGI Checkin as TTS
Entry in the EGI Catalogue (www.egi.eu)	https://www.egi.eu/services/check-in/
Entry in the EOSC Portal	https://marketplace.eosc-portal.eu/services/egi-check-in

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Introduction

- *The EGI MasterPortal interacts with the RCauth Online CA.*

- *It can provide users of Science Gateways (VO portals) with personal X.509 certificates to provide easy access to grid resources:*

  ▪ *Science Gateway interacts with it via a simple OpenID Connect flow.*

- *Additionally it allows users to authenticate using their SSH key pair to retrieve proxy certificates on the commandline.*

  ▪ *User can upload an SSH pubkey via a self-service portal*

  ▪ *Retrieve a proxy by ssh-ing to a special endpoint*

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Roadmap

Activity	Responsible person/Partner	Description	Start Date (MM/YY)	End Date (MM/YY)
Integration with DIRAC4EGI service	*Nikhef/GRNET*	*EGI's DIRAC instance can leverage the RCauth Online CA for its use of IGTF (proxy) certificates.*	*1/2021*	*3/2021*
Implement HA deployment	*Nikhef/GRNET*	*Combine multiple instances of the MasterPortal as a single High-Availability instance.*	*1/2021*	*7/2021*
Improve integration with ssh key portal	*Nikhef/GRNET*	*Leverage ssh keys uploaded via EGI Checkin / Comanage.*	*7/2021*	*12/2021*

Exploitation

- *Other communities that need easy and federated access to X.509 resources can use also the MasterPortal to obtain personal IGTF certificates from the RCauth Online CA.*