ARCG-01: Glossary of Terms

Version 1.3.0

Glossary of Terms

Preamble

This glossary of terms defines each key term and acronym that is included in the UBC Advanced Research Computing (ARC) standards, guidelines, and procedures.

Where possible, UBC IT terms will be used and not redefined. UBC IT terms are marked by an asterisk (*) and any additions, deletions, or changes to the following definitions must take into consideration the terms found in the UBC Information Security Standards Glossary.

Additional terms, initialisms, and acronyms may be defined or expanded in the standard or guideline, or procedure, where applicable.

Defined Terms

Allocation Owner

Eligible UBC Researcher that applied for and is responsible and accountable for an allocation including all users and data associated with that allocation.ARC Platforms Team (RPT)
The Manager of the ARC Platforms team and/or their delegate(s).

ARC Support
The UBC ARC team members that provide support to Users by responding to user requests sent to arc.support@ubc.ca

ARC REDCap Support
The UBC ARC team members that provide support to Users by responding to user requests sent to redcap.support@ubc.ca

ARC Sensitive Research Team (SRT)
The Manager of the ARC Sensitive Research team and/or their delegate(s).

ARC System Administrators
The ARC team members that manage and administer the ARC platforms and/or systems in question.

ARC Management Team
The Director of ARC and/or their delegate(s).

ARC Research Systems Team (RST)
The Manager of the ARC Systems team and/or their delegate(s).

Audit*
Independent review and examination of records and activities to assess the adequacy of system controls; compliance with regulations, established policies, and operational procedures; and to recommend necessary changes in controls, policies, or procedures.

Audit Log*
A record of User or systems activities for the purpose of review and analysis, and ongoing monitoring.

Basic CWL
A CWL account that can be obtained by any member of the public from https://activate.id.ubc.ca/iamweb/ These CWL accounts do not provide any access to UBC Systems unless access is specifically granted. (see Campus Wide Login)

Campus Wide Login (CWL)
The Campus Wide Login is a user account that provides access to UBC's online applications via a single sign-on (SSO) through centralized identity and access management. The term CWL can frequently be used to refer only to the username component of the account, however this definition refers to the entire account. (see also Enhanced CWL)

Data Owner
The party with ultimate responsibility and authority to make decisions regarding use and disclosure for the set of data in question. This may be an individual, organization, or committee and they may have delegated this responsibility.

Demilitarized Zone (DMZ)*
A subnetwork that separates Internet-facing services from internal networks.

Eligible UBC Researcher(s)
A UBC Person eligible for Research Spending Responsibility as defined by UBC Policy #LR2: Research, Procedures section 4.1..

Enhanced CWL
A CWL that has been enrolled in the DUO Multi-factor Authentication System, thus requiring a 2nd factor (such as a hardware security token) to access a system using that credential.

Fair Share
Refers to the HPC scheduling algorithm that allows computer resources to be fairly and precisely shared between allocations based on the priority assigned to the allocation.

Information Stewards/Owners*
The person(s), or their delegates, who are responsible for determining how UBC Electronic Information may be used and disclosed.

Least Privilege*
Granting only those privileges which are essential to perform the intended function.

Participant User
Users that are provided access to REDCap via an identifiable link to a specific project to enter data into the system. They do not have any administrative roles.

Primary User
Users with a UBC staff or faculty appointment. They may also sponsor other users for a Sponsored Guest CWL.

Privileged Account*
Are accounts that provide a significantly greater level of access to a system or application than regular accounts. Privileged Accounts are generally restricted to University IT Support Staff. (See Campus Wide Login; see also User Accounts)

Project Owner
The individual Primary User who is responsible for the data and/or project in question.

Research Electronic Data Capture (REDCap)
A self-service web application for the collection of simple tabular data such as intake forms, data collection instruments, and surveys.

ARC Service Owner
Is a member of the ARC management team and accountable for the service in question.

Sockeye Home Storage
Is storage space used to store data to assist with work on the ARC Sockeye platform, but is not intended for storage of data associated with an allocation.

Sockeye Project Storage
Is the primary storage location for research data on the **UBC ARC Sockeye** platform.

Sockeye Scratch Space
Is temporary file system storage space used to store intermediate files required during active computation on the ARC Sockeye platform

Sockeye User Accounts
Accounts that give Users access to **UBC ARC Sockeye**.

Sponsored Guest CWL
Guest CWL accounts can be requested for people who have a relationship with UBC, but do not have UBC-issued employee or student ID numbers. They must be sponsored by a UBC employee and are temporary ie: they must be reviewed/renewed annually (see Campus Wide Login)

Sponsored User
Has a Sponsored Guest CWL under the sponsorship of the Primary User(s) who sponsored their access.

Standard Campus Wide Login
CWL accounts for students, staff, and faculty who have active employee or student ID numbers. Standard accounts grant access to free anti-virus, UBC Wireless and VPN. (see Campus Wide Login)

UBC ARC Chinook
Is the object storage platform managed by ARC.

UBC ARC Sockeye
Is the general-purpose High Performance Computing (HPC) platform managed by ARC that encompasses the compute and attached storage systems known individually as UBC ARC Sockeye and UBC ARC Coho respectively.

UBC ARC REDCap
The pair of REDCap instances that provide **UBC ARC REDCap Flex** and **UBC ARC REDCap Solid**.

UBC ARC REDCap Flex
The **UBC ARC REDCap** instance that runs the Standard version of REDCap.

UBC ARC REDCap Solid
The **UBC ARC REDCap** instance that runs the Long Term Support version of REDCap.

UBC Data Centres*
Facilities at UBC that are designed to house servers and associated equipment.

User Accounts*
Accounts that give Users access to UBC Systems. (see Campus Wide Login, see also Privileged Accounts)

Users
Any individuals who access UBC Systems.

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