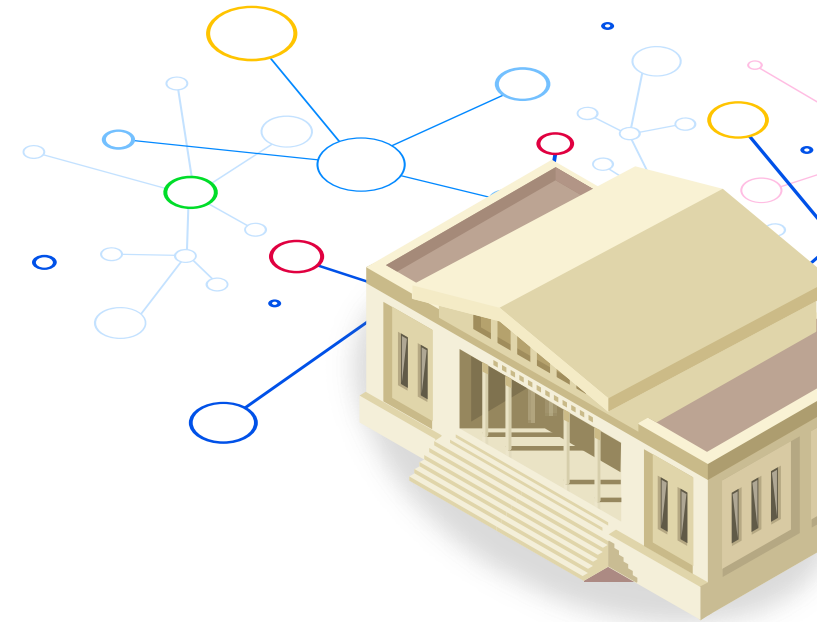# Network Zone Management

Introduction

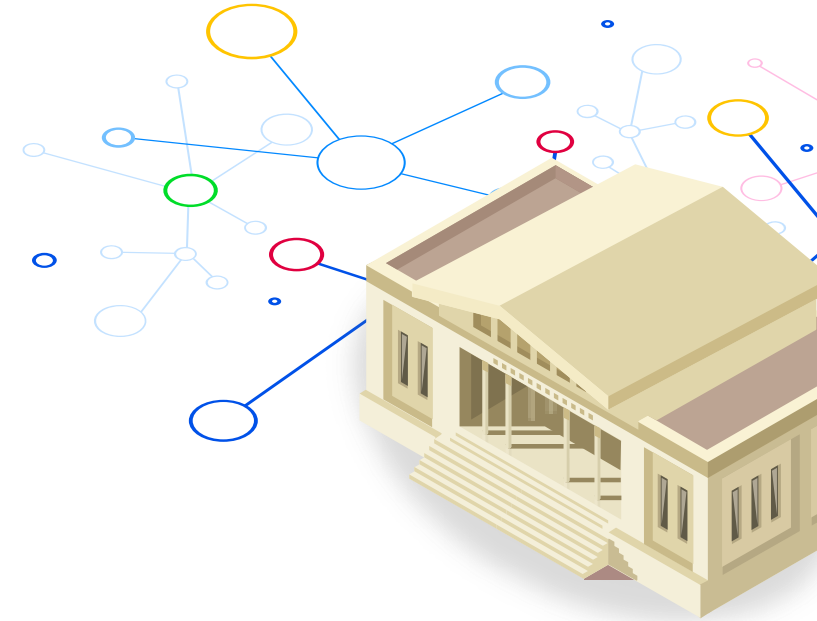The Network Zone setup in Alma enables unique opportunities to...

- Maximize cooperation and limit data duplication via a shared catalog
- Improve management of resources and users across the consortium
- Enhance patron experiences with Discovery, Resource Sharing, and more
- Provide consistent services across members of the consortium

...while still allowing for individual customization and local data
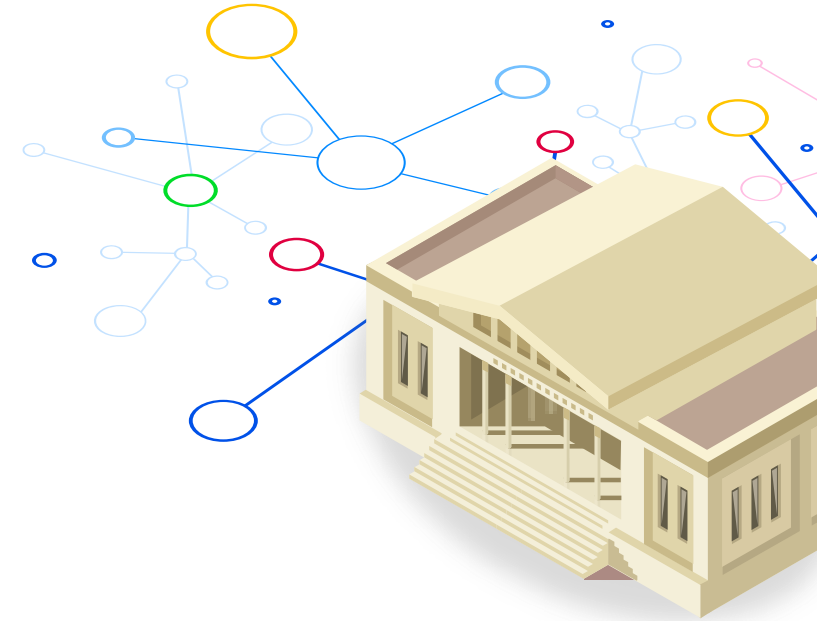
Introduction

- The Network Zone allows the consortium to centrally manage and support the following:
  - Shared Catalog
  - Centralized Electronic Resources
  - Vendors and Licenses
  - Shared Reporting and Analysis
  - Administration and Configuration

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Introduction

This session is intended for:

- **Network Administrators**

  - Learn more about what options are available for Network management and configuration

- **Institution Members**

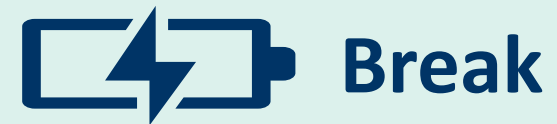 - See how these options can fit into your local workflows

Agenda

- Bibliographic Record Management
- Centralized Electronic Resources

Break

- Vendors and Licenses
- Network Analytics
- Central Configurations

EX LIBRIS
Knowledge Days

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Bibliographic Record Management

Repository Search

- Searching in the **Network** scope displays the Network record and consortial holdings

Repository Search

- Searching in the **Institution** tab shows the local holdings and indicates that this is a Network-linked record

Repository Search

- Searching in the **Institution** tab will also retrieve local records that are **not** linked to the Network

Creating New Records

- Specify whether new records should be created in the Institution Zone or Network Zone using the **Placement Options** settings
  - MD Editor > New > Placement Options

Creating New Records

- The **central_record_management** parameter controls where new records are created

    - Configuration > Resources > General > Other Settings

- Possible values:

    - DEFAULT_INSTITUTION

    - DEFAULT_NETWORK

    - ENFORCE_NETWORK

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Creating New Records

- Placement Options affect which external search resources are available

  - When **Placement of new records and templates** is set to the Network Zone, the list of available external search resources reflects those that are enabled in the Network

  - When **Placement of new records and templates** is set to the Institution Zone, the list of available external search resources reflects those that are enabled in the Institution

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Creating New Records

- Templates created by or saved to the Network can be used by all member institutions

- Even if using a Network Template, a local record can be created based on the Placement Options

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Contributing Local Records to the Network

- Record Actions > Validate in Network

  - Checks the record against the Network's validation routines

- Record Actions > Share With Network

  - Alma will check if a matching record already exists in the Network

  - If a matched record is found, you can view the match and link your local record to the Network record

  - If the matched record is incorrect, choose No to contribute the record to the Network anyway
    - Be careful to avoid creating duplicates

Confirmation required

Matched record/s exist in the catalog,
do you want to view them before saving?

[Yes] [No] [Cancel]

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Linking Local Records to the Network in Bulk

- A set of local records can be linked to Network Zone records in bulk by running the **Link a set of records to the Network Zone** job

- Specify how records should match and whether to contribute IZ records if there is not a match

Task Parameters: Link a set of records to the Network Zone	
Serial match method	ISSN Match Method (exact subfield match) ▼
Non Serial match method	Unique OCLC Identifier Match Method ▼
Ignore resource type during matching	☐
Upon No Match -	Contribute IZ records ☑

https://knowledge.exlibrisgroup.com/Alma/Product_Documentation/010Alma_Online_Help_(English)/050Administration/070Managing_Jobs/020Manual_Jobs_on_Defined_Sets#Link_a_Set_of_Records_to_the_Network_Zone

Editing Network Records

- Clicking **Edit Record** on a Network-linked record in the Institution Zone scope opens the Network record for editing

- Edits to Network records are automatically reflected in linked institution records

- When looking at versions, is possible to see which cataloger at another member institution edited a record

  - Set parameter **show_version_cataloger_name_for_other_members** to true in the Network Zone

  - Configuration > Resources > General > Other Settings

New!

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Editing Network Records

- When editing a Network record, unlink it and create a local record by clicking Record Actions > Copy to Catalog

- Records can be unlinked in bulk by running the **Unlink a set of records from the Network** job

Editing Network Records

- Assign records to catalogers at other institutions
  - Set parameter **enable_nz_record_assignment** to true in the Network Zone
  - Configuration > Resources > General > Other Settings

- Click Record Actions > Assign Record to Another Cataloger
  - Select another Institution or the Network
  - Choose a cataloger to assign the record to

Assign Record to Another Cataloger

Select Institution	Network
Assign To	Bellavia, Rachel
Note	
Send as Email	☐

Cancel   Assign To

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Add Local Extensions

- Add local data to MARC 77X/78X, 09X, 59X, 69X, and 9XX fields

- In the MD Editor, use Editing Actions > Add Local Extension

- Local extensions will be visible only to the institution and not any other members

- Local extensions are identified by the institution icon

Add Local Extensions

- Local extensions can be added to Network-linked records in bulk using normalization rules
  - Adding subfield 9 **local** is required to create a local extension
  - Example: addSubField "996.9.local" if (exists "996.a.ABC")
- When running a normalization job on Network-linked records, only local extensions will be updated or deleted

https://knowledge.exlibrisgroup.com/Alma/Product_Documentation/010Alma_Online_Help_(English)/Metadata_Management/040Working_with_Bibliographic_Records/070Working_with_Local_Extension_Fields_for_Community_Zone_Records

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Normalization Rules

- Rules can be saved to either the Institution or Network

- Rules need to be saved in the same scope as the record being normalized
  - Only Local normalization rules are available for Institution records
  - Only Network normalization rules are available for Network records
- To normalize Network records in bulk, the normalization process must be run in the Network Zone

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Restrict Editing Bibliographic Fields

- Network administrators can control which bibliographic fields can be edited by member institutions

- This can prevent unwanted edits of specific fields to maintain quality control of Network records

- Restrictions can be configured in the **Fields restriction policy** table

https://knowledge.exlibrisgroup.com/Alma/Product_Documentation/010Alma_Online_Help_(English)/040Resource_Management/080Configuring_Resource_Management/260Restrict_Editing_of_Metadata_Fields

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Restrict Editing Bibliographic Fields

- Restricted fields are configured in the Network Zone:

    1. Configuration > Resources > Cataloging > Metadata Configuration

    2. Select the relevant Metadata Profile (e.g., MARC21 Bibliographic)

    3. Other Settings tab > Fields restriction policy

Fields	Forms	Normalization Processes	Validation Processes	Validation Exception Profile List	Other Settings

Brief Level Rule *   drools/OldBriefRule.dslr

Parameters

Configuration Tables

Bibliographic headings display subfield mapping

Fields restriction policy

Restrict Editing Bibliographic Fields

- Configuration Options:
  - Tag
  - Restrict Add/Edit
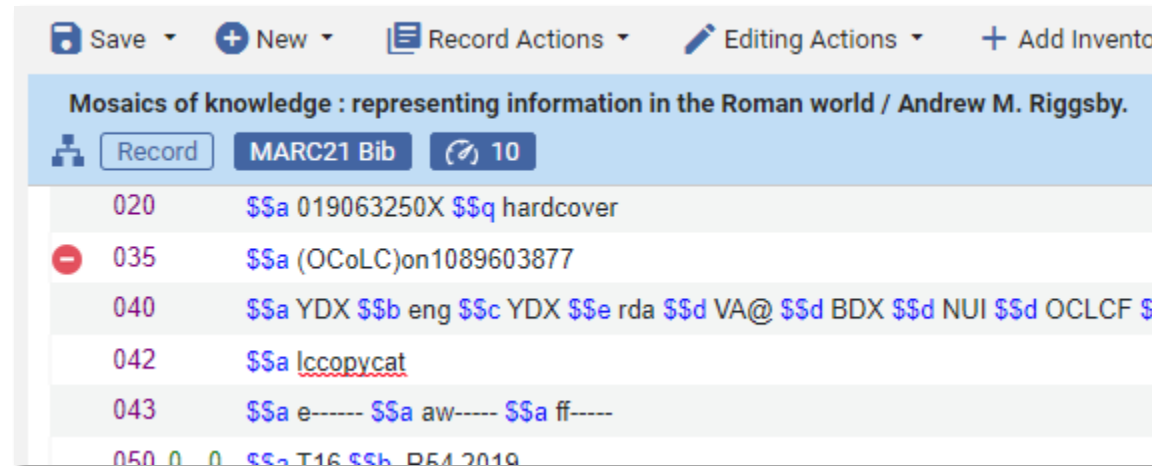 - Restrict Delete
  - Vocabulary
  - Overwrite Cataloger Level

	Enabled	Tag	Restrict Add/Edit	Restrict Delete	Vocabulary	Overwite Cataloger Level	Updated By	Last Updated	
1.	⬤	035	True ▼	True ▼		Not Chosen ▼	rbellavia	01/05/2023	...
2.	⬤	6XX	True ▼	True ▼	LCSH	[99] Network ▼	rbellavia	01/05/2023	...

Restrict Editing Bibliographic Fields

- When a member institution edits a Network record, they will not be able to edit restricted fields

- Attempting to add a restricted field will result in an error

Delete Unused Records in the Network Zone

- **Identify records that are not used in the Network** job

- The job will create a set of the identified records

- Criteria can be specified when identifying records

Task Parameters: Identify records that are not used in the Network

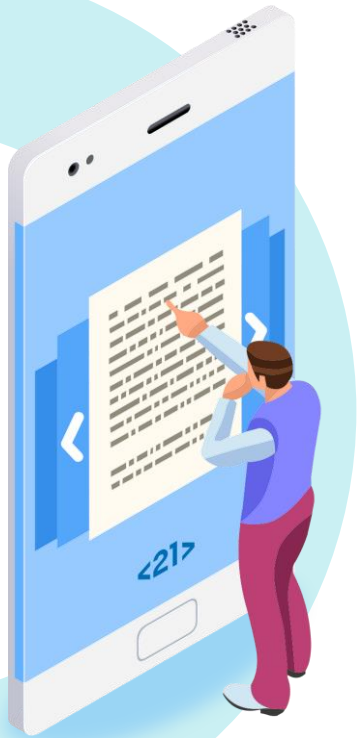|	
Output set name *	Identify records that are not used in the Network
"Not used" records apply to:	
Records with no inventory (physical, electronic, digital)	
Records that are not associated with Collections	☑
Records that are not associated with PO Lines	☑
Records with no resource requests	☑
Records with no resource sharing lending requests	☑
Records with no reading list citations	☑
Records that are not part of a boundwith relation	☑

https://knowledge.exlibrisgroup.com/Alma/Product_Documentation/010Alma_Online_Help_(English)/050Administration/070Managing_Jobs/020Manual_Jobs_on_Defined_Sets#Identify_records_that_are_not_used_in_the_Network

Centralized Electronic Resources

Centralized Electronic Resources

- Electronic collections and portfolios are managed in the Network Zone

- Service is made available for institutions via Inventory Network Groups

- Proxy activation and parser parameters are defined for each institution in the Network Zone

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When to add an e-resource to the NZ?

- Packages that are purchased by the consortium

- Resources that are owned by many of the member institutions

- Recommended to have a central office or knowledgeable staff with NZ access

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Inventory Network Groups

Configuration > Resources > General > Inventory Network Groups

- Groups can be defined as
  - All institutions
  - Specific groups of institutions
  - Individual institutions
- Groups are then associated with an electronic resource

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Examples

- Availability not defined in group settings

- Availability defined for all institutions

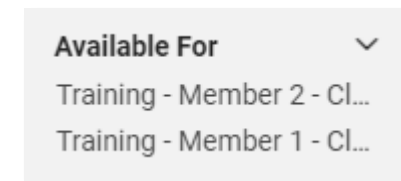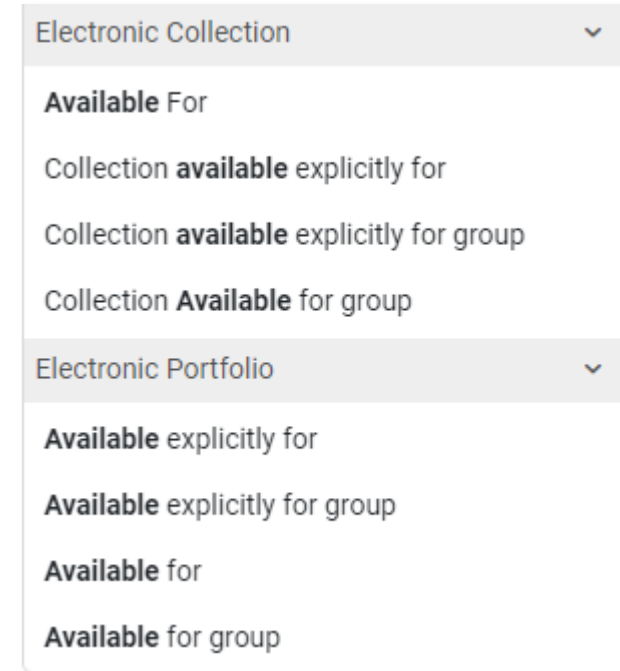- Availability defined for only one institution

Library-Specific Parser Parameters

- Some electronic resources require library-specific parameters (LOC_ID, customer_id, etc.)
- These can be defined by adding group settings at the service or portfolio level
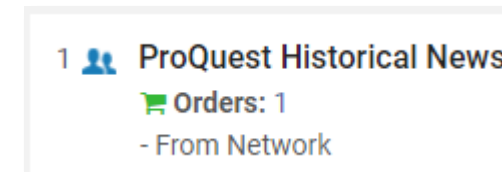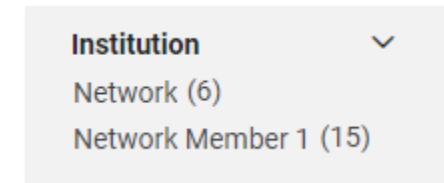- Need to be defined for each specific institution
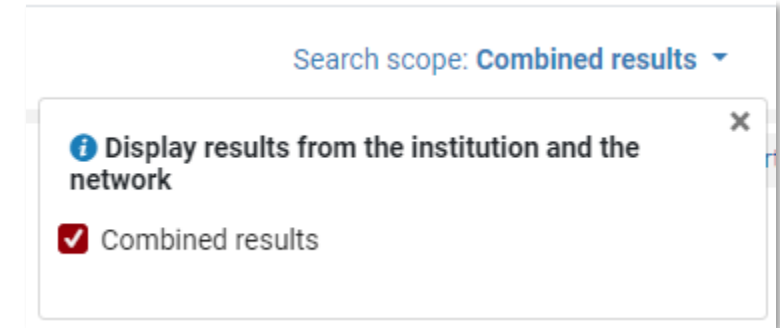
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Repository Search

- Search indexes for portfolios and collections:
  - Available explicitly for
  - Available explicitly for group
  - Available for
  - Available for group

- Available For is also a facet in search results

Electronic Collection	⌄
Available For	
Collection **available** explicitly for	
Collection **available** explicitly for group	
Collection **Available** for group	

Electronic Portfolio	⌄
Available explicitly for	
Available explicitly for group	
Available for	
Available for group	

Available For	⌄
Training - Member 2 - Cl...	
Training - Member 1 - Cl...	

Repository Search

- ## Combined search results

  - ### Include Network Zone activations in your Institution Zone search results

  - ### Results indicate if the resource is from the Institution or Network

  - ### This functionality must be enabled by Ex Libris

https://knowledge.exlibrisgroup.com/Alma/Product_Documentation/010Alma_Online_Help_(English)/100Managing_Multiple_Institutions_Using_a_Network_Zone/03_Managing_Records_in_Consortia/065Combining_Institution_and_Network_Zone_Search_Results

Vendors and Licenses

Vendors

- Vendor records created in the Network are distributed to member institutions

Vendors

- Individual institutions can contribute local vendors to the Network

- The vendor record will then be shared with other members

	Vendor Status : Active ▼	Vendor Type : All ▼			
	Shared	**Active**	**⇕ Vendor Code**	**▼ Name**	**Vendor Type**	**Libraries**

	Shared	Active	Vendor Code	Name	Vendor Type	Libraries	
1		⬤	WIBL	Wiley-Blackwell	Material Supplier	Network Member 1	...
2		⬤	THOMGALE	Thomson Gale	Access Provider, Material Supplier	Network Member 1	Edit
3		⬤	WILSON	The H. W. Wilson Company	Material Supplier	Network Member 1	Contribute
							Delete

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Vendors

- Institutions can also update shared vendors to make corrections or add information to the Network vendor record

Distributing Vendors

- Distribute network Acquisition changes to members job
    - Needs to be enabled:
    - Configuration > Acquisitions > General > Other Settings
    - Set **acq_distribution_job** to **true**
- Scheduled job runs daily
- Can be run manually by Network operators
    - Alma menu > Acquisitions > Advanced Tools > Distribute Acquisition Member Configuration

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Licenses

- Licenses can be created in the Network and shared with member institutions

Licenses

- Distribution can be done manually as well as by the Distribute network Acquisition changes to members job

Licenses

- Institutions can attach e-inventory to the shared license
- License Terms can be displayed to patrons

	Status : All ▾	Review Status : All ▾								
Shared	**▲ Name**	**⇕ License code**	**Licens⇕ type**	**⇕ Licensor Code**	**⇕ Status**	**Review Status**	**⇕ Start date**	**⇕ End date**	**⇕ Signed on**	**Group Settings**
1 ✓	ProQuest Historical Newspapers	pqnews	License	-	Active	Accep...	04/12/2023	-	-	-	...

Acquisitions and License Information

PO Line	[ ] ☰
Expected activation date	[ ] 📅
License	**ProQuest Historical Newspapers** ✕ ☰ 🕓 ▾

ProQuest Historical Newspapers: Boston Globe
Available from 04/25/1960 until 12/31/1991.

SHOW LICENSE ⎘

Negotiated License

- Centrally-managed license with specific purchasing information for members

- Institutions are attached to the license

- Available Network e-resources are defined per institution

Negotiated License

- Member institutions can create a PO Line from the Network Zone inventory
  - PO Line will use price and renewal information from the negotiated license

Network Analytics

In the Network

- Analytics in the Network Zone environment includes data from all member institutions

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In the Institution

- Institution Zone analytics includes the local institution data and NZ e-resources
- Institutions will **not** see local data from other member institutions
- Can access reports created in the Network

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Configuration: Display NZ Information

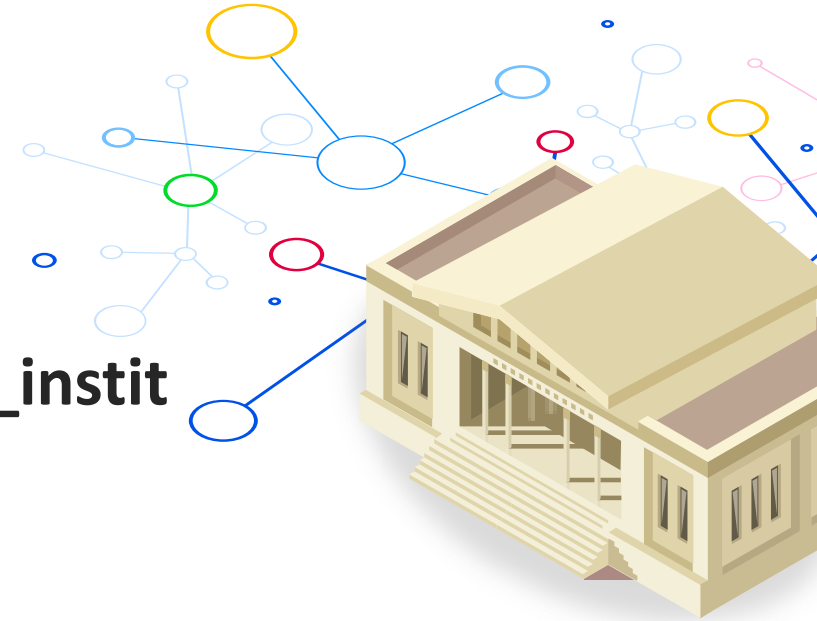Configuration > Analytics > Analytics Network Settings

- Network Zone
  - Set **analytics_network_inventory_available_for_members** to **true**
  - Row Actions > Manage in Network
  - Save and Distribute > Override member institution customization > Confirm

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Configuration: Display NZ Information

Configuration > Analytics > Analytics Network Settings

- Institution Zone
  - Set **analytics_network_inventory_available_for_my_instit ution** to **true**

Configuration: Access NZ Reports

Configuration > Analytics > Analytics Network Settings

- Network Zone
    - Set **analytics_catalog_available_for_members** to **true**
    - Row Actions > Manage in Network
    - Save and Distribute > Override member institution customization > Confirm

Configuration: Access NZ Reports

Configuration > Analytics > Analytics Network Settings

- Institution Zone
    - Set **analytics_catalog_available_for_my_institution** to **true**

E-Inventory Reporting

- Portfolio Details for Consortia dimension
  - Part of the E-Inventory Subject Area
- Includes local institution portfolios and those managed in the Network

https://knowledge.exlibrisgroup.com/Alma/Product_Documentation/010Alma_Online_Help_(English)/080Analytics/Alma_Analytics_Subject_Areas/E-Inventory#Portfolio_Details_for_Consortia_Members

Central Configurations

Introduction

- It is possible to manage configurations in the Network Zone and distribute the configurations to member Institutions

- This is especially useful for cases where a specific configuration is identical for all or most members

- Distributing configurations from the Network is more efficient than configuring each of the member institutions

- This can also ensure consistency in configurations across the consortium

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Introduction

- Other elements that can be configured centrally:
  - Code and mapping tables
  - Fulfillment
  - Resource Sharing
  - GES and Display Logic
  - Letters
  - Import profiles
  - S/FTP connections
  - Integration profiles

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Managing Configuration Tables at the Row Level

- To centrally manage configuration tables configured at the row level:

  - In the Network Zone, select a configuration table that is configured at the row level

  - Select **Customize** from the row actions list and choose **Manage in Network**

  - Click **Save and Distribute**

Managing Configuration Tables at the Row Level

- Example: central_record_management parameter
  - Configuration > Resources > General > Other Settings

- Customize > Manage in Network

Managing Configuration Tables at the Row Level

- Save and Distribute

| Save and Distribute | Cancel | Save |

- Choose whether to override member institution customization

Confirm

Please note that these parameters affect key functionality and institution level system behavior. Are you sure you want to save and distribute these changes to all members?

Distribution mode

🔍 Look-up or select ▼

Do not override member institution customization

Override member institution customization

Confirm

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Managing Configuration Tables at the Row Level

- In the member Institution we now see that this parameter is managed by the Network

14	cdi_consortia_inheritance	repository	N	PC Registration flag f		-	-	...
15	central_record_manageme	repository	DEFAULT_NETWORK		✓	Network	05/01/2023	...
16	controlled_vocabulary_rem	repository	true	When comparing the		-	-	...

- To stop centralized management of the row, choose Stop Network Management and again Save and Distribute

15	central_record_manageme	repository	DEFAULT_NETWORK		✓	rbellavia	01/05/2023	...
16	controlled_vocabulary_rem	repository	true	When comparing the		-	-	Stop Network Management
17	course_restricted_bib_dat	repository	false	Define whether CR re		-	-	Restore

Managing Configuration Tables at the Table Level

- To centrally manage configuration tables configured at the table level:

  - In the Network Zone, select a configuration table that is configured at the table level

  - Click **Manage in Network** at the top

  - Configure the table as desired

  - Click **Save and Distribute**

Managing Configuration Tables at the Table Level

- Example: 1ˢᵗ Reporting Codes

  - Configuration > Acquisitions > Purchase Orders > 1ˢᵗ Reporting Codes

- Click **Manage Table in Network** and customize rows

Managing Configuration Tables at the Table Level

- Save and Distribute

- Choose whether to override member institution customization

Managing Configuration Tables at the Table Level

- In the member institution we now see that the table has been updated by the Network

Managing Configuration Tables at the Table Level

- To stop centralized management of the table, choose Stop Network Management

- The distributed data will remain in the member institutions, and they will be able to customize or add new values

Network Zone Terms of Use

- It is possible to create Fulfillment Terms of Use in the Network Zone

- These Terms of Use will be distributed to member institutions

- This can be useful if, for example, you have consistent borrowing and lending policies for Resource Sharing across the Network

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Discovery Interface Display Logic Rules

- Display Logic Rules configured in the Network appear for members

- The **network_display_logic_rules_precedence** parameter determines whether the NZ or IZ rules are checked first

  - Configuration > Fulfillment > General > Other Settings

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Network Letter Configuration

- Letter activation can be configured in the Network
  - Row Actions > Manage Activation in Network
  - Save and Distribute

Network Letter Configuration

- Configure Labels in the Network
  - Row Actions > Customize > Manage in Network
  - Save and Distribute

Network Letter Configuration

- It is also possible to centrally manage letter Templates
  - Check **Manage in Network**
  - Customize the XSL template
  - Click Save and Distribute

Network Letter Configuration

- Member Institutions will see the updated values and an indication that they are Managed in Network

Import Profiles

- The Network can define an import profile as a Template

Profile Details			⌄

Profile name *	**Network Import Profile**		
Profile description			
Originating system *	**Other** ▼	File name patterns	
Import Protocol	**Upload File/s** ▼	Cross walk	● No ○ Yes
Physical source format	**Binary** ▼		
Encoding format	**UTF-8** ▼		
Source format	**MARC21 Bibliographic** ▼	Target format	**MARC21 Bibliographic** ▼
Status	**Template** ▼		

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Import Profiles

- Members can view import profiles on the Network tab and copy them to run in their institution

Distribution Jobs
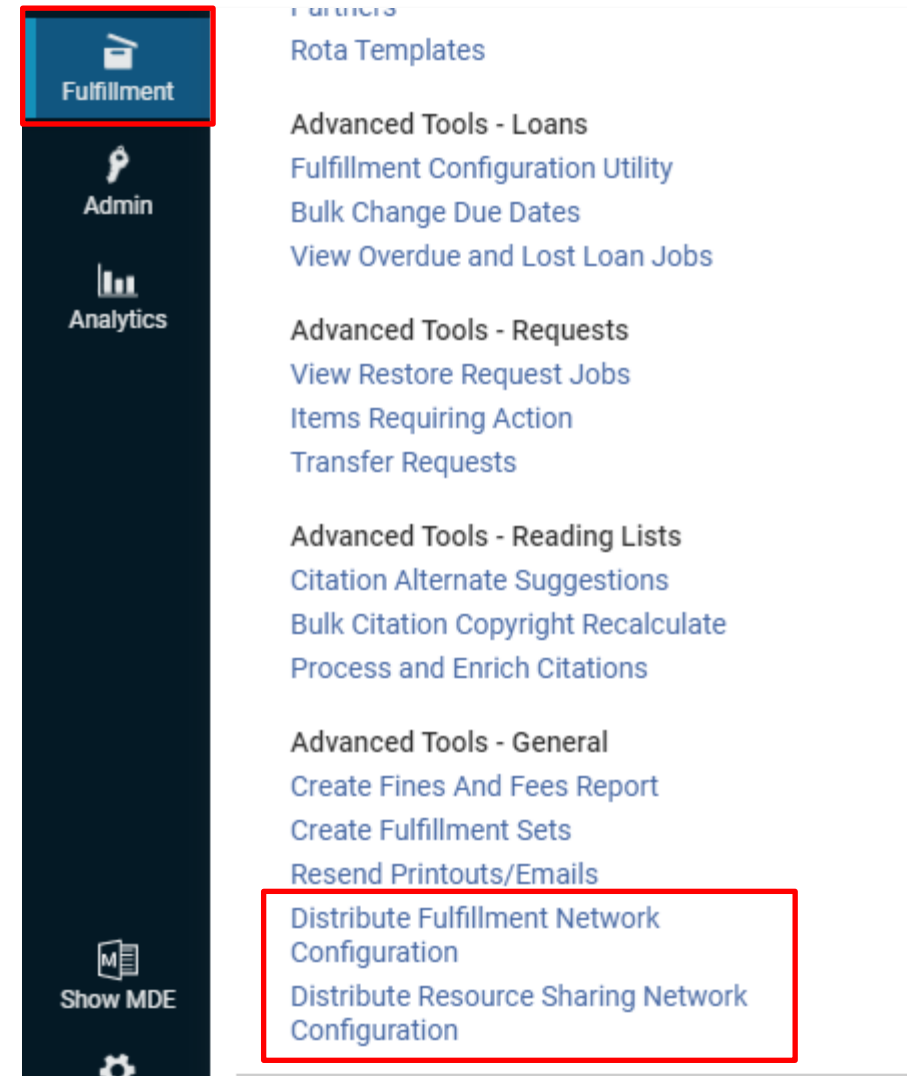
- Network configuration changes are distributed to member institutions by jobs

- Some jobs run when the configuration changes are made (e.g., configuration tables, letters configuration)

- Other jobs can run on a scheduled basis

  - Acquisition changes

  - Fulfillment changes

  - Resource Sharing configuration

  - User Management changes

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Distribution Jobs

- Distribution jobs can also be run from the relevant Alma menu

- Examples:
  - Distribute Fulfillment Network Configuration
  - Distribute Resource Sharing Network Configuration

Distribution Jobs

- By default, local member institution changes are not overwritten by the Network Zone

- When the Network distribution job runs, the centrally managed data will not be distributed to that member institution

- If the member institution selects **Restore**, the relevant configuration can then be updated by the Network

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Conclusion

Additional Resources

- Network Zone Documentation

https://knowledge.exlibrisgroup.com/Alma/Product_Documentation/010Alma_Online_Help_(English)/100Managing_Multiple_Institutions_Using_a_Network_Zone

- Network FAQs

https://knowledge.exlibrisgroup.com/Alma/Product_Materials/050Alma_FAQs/Collaborative_Networks

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Questions?

Thank you!

Please fill out the survey as you leave the room

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