

Grouper instrumentation I2 telemetry

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In order to better maintain and have visibility into how the community is using the products, the component architects have been charged with coming up with additional data that can be centrally and anonymously collected. This table is meant to be used as a strawman to collect potential items that may be useful for Grouper.

Currently we are thinking that the data-structure is name/value pairs, and we can see graphs of values, see changes over time, and potentially be able to correlate patterns across products (if deployers configure an institutional opaque identifier across products).

Name	Example value	Notes
tbProduct	grouper	Name of product
tbProductVersion	4.0.1	Version of product
tbStableRelease	true	If this release is stable
tbSupportedRelease	false	If this is a recent release which is considered supported
tbMaintainer	i2incommon	Maintainer value from Container
tbEnvironmentUUID	acb-123-xyz-890	UUID in database to tie together nodes in one env if component allows it)
tbEnvironmentLabel	prod	Optional env label, should be anonymous
tbInstitutionUUID	def-456-qrs-789	Optional institution UUID to tie components together
gpEnhancementRelease	false	If this is an enhancement release, as opposed to the non-enhancement version
gpGroups	10000	Number of groups
gcGroups_type_policy (for each type)	89	Number of groups for each type
gpMemberships	100000	Number of memberships
gpFeatureProvisioning_SCIM	true	SCIM is utilized
gpFeatureProvisioningEventCount_SCIM	100000	Event count per day
gpFeatureProvisioning_LDAP	true	LDAP provisioning is utilized
gpFeatureProvisioningEventCount_LDAP	50000	Event count per day
gpFeatureLoaderLDAP	true	LDAP loader is used
gpFeatureLoaderSQL	false	SQL loader is unused
gpLoaderCount	200	Number of loaders
gpUiUsersPerDay	400	Number of users per day
gpWsCallsPerDay	30000	Number of WS calls per day
gpChangeLogEventsPerDay	100000	Number of change log events per day
gpNumberOfSubjectSources	3	
gpNumberOfSubjects	1000000	Not including built in subject sources
gpSubjectSourceCount_Ldap	1	how many ldap sources
gpSubjectSourceCount_Sql	0	how many sql sources
gpSubjectSourcePeople	900000	Number of people in subject source, as opposed to systems
gpScriptedGroups	true	If using scripted groups
gpScriptedGroupCount	10	How many scripted groups
gpMemoryUtilization	10000000000	10g of memory

gpCpuAvgPercent	30	30% cpu utilization avg
gpGshTemplates	10	Number of GSH templates
gpGshTemplatesDailyRun	34	Number of GSH templates run per day
gpCustomUis	15	Number of custom UIs
gpCustomUisDailyRun	89	Custom UI run per day
gpUiMembershipManualAddDailyCount	253	Manual membership add events (not from loader/scripts/etc)
gpUiMembershipManualRemoveDailyCount	123	Manual membership removed events (not from loader/scripts/etc)
gpUiMembershipManualUpdateDailyCount	12	Manual membership updated events (not from loader/scripts/etc)
gpUiUsersMakingChangesDailyCount	913	count of unique users making membership changes (vs login to UI and "just looking".)
gpGroupCreateDailyCount	32	Groups created/deleted/updated
gpGroupDeleteDailyCount	23	Groups deleted
gpGroupUpdateDailyCount	12	Groups updated
gpAttributesAssignedDailyCount	65	Attributes assigned
gpAttributesRemovedDailyCount	11	Attributes removed
gpAttributeValuesAssignedDailyCount	45	Attribute values assigned
gpAttributeValuesRemovedDailyCount	9	Attribute values removed
gpAttributeValuesUpdatedDailyCount	32	Attribute values updated
gpFolderCreateDailyCount	12	Folders created
gpFolderDeleteDailyCount	18	Folders deleted
gpFolderUpdateDailyCount	20	Folders updated
gpJwtCreateDailyCount	45	JWTs used
gpJwtUseDailyCount	12	JWTs created
gpJwtExpiredDailyCount	4	JWTs expired
gpRulesCreateDailyCount	2	Rules created
gpRulesDeleteDailyCount	3	Rules deleted
gpRulesUpdateDailyCount	6	Rules updated
gpRulesFiredDailyCount	1234	count of number of times Rule is triggered today
gcAttestableGroupCount	56	
gcAttestationNeedsForGroupCount	12	
gcAttestableReportCount	14	
gcAttestationNeedsForReportCount	3	