

CGAP Error Messages

The following table lists the Error messages that are generated in the current CGAP system based on the Pilot release. The final version of this will be a living document, which includes most of the errors in the Message Processing, Ticket Processing, Grant Application Processing and the business validation errors from the supplementary specification document. This is only a draft version and will be updated when the message is changed or new messages are added during development.

Message Processing in exchange and Ticket processing

Condition	Message ID	Message Text
Fatal error during any schema parsing	4026	Exchange Internal Error: Please Contact NIH Exchange System Administrator
Schema validation error during any schema parsing	4024	Schema validation error: <actual validation error returned by parser>
When the XML stream contains invalid username in the CGAP Header	4535	Invalid username.
When the XML stream contains invalid password in the CGAP Header	4534	Invalid password.
When the XML stream contains unsupported MessageType in the CGAP Header	4733	Invalid message type: <message type provided in the stream>.
When the file transfer fails	4445	Failed to transfer the CGAP soap message (<file name of the CGAP soap file>).
Virus scan fails	1024	Need a proper error message. No message sent currently.
Checksum check fails	4026	Exchange Internal Error: Please Contact NIH Exchange System Administrator
Failed to retrieve Ticket record	20849	The record requested was not found.
Database communication Failure during exchange processing	30026	A Commons System error has occurred. Please contact the NIH administrator.
Any other exception during exchange processing	4026	Exchange Internal Error: Please Contact NIH Exchange System Administrator

Grant Application Processing

Condition	Message ID	Message Text
Any unexpected exception, like failed to get database connection etc.,	4065	Failed to process CGAP, please contact NIH system administrator.
Property to determine whether the service is validation service or not is set	30012	A Commons System error has occurred. Please contact the NIH administrator.
If the application is submitted for correction and more than one application found for the 'accession number'	23804	More than one application found for the accession number : <accession number in the xml stream>
If the application is submitted for correction and no application found for the 'accession num'	23803	No application found for the accession number : <accession number in the xml stream>
Failure to find application xml attachment in the soap message or failure to parse the application xml attachment in the soap message	4065	Failed to process CGAP, please contact NIH system administrator.
If the submission is duplicate	20850	A duplicate record exist.
Failure to retrieve commons data for validation purposes	4065	Failed to process CGAP, please contact NIH system administrator. A Commons System error has occurred. Please contact the NIH administrator.
Failed to read attachments in the SOAP file	4594	Problem getting the pdf attachment : <attachment content id>, from the soap message.
Error during attachment page size validation	4490	Unable to read the attachment : <attachment content id>
Unexpected error during validation	30011	A Commons System error has occurred. Please contact the NIH administrator.
Errors during Grant Image generation	20151	Document generation failed

Business Rules Application Validation messages

Condition	Message ID	Message Text
When the Project type code is not 'P' for the initial release	4435	An incorrect Project Type Code has been used. The Project Type code <project type code>.
Either Exemption Number or Assurance Number must be specified if Human Subjects Used Question is true. If Human Subjects Used Question is false, Exemption Number and Assurance Number must not be specified.	4563 4564	Either ExemptionNumber or AssuranceNumber must be specified if HumanSubjectUseQuestion is answered true. If HumanSubjectsUsedQuestion is false, ExemptionNumber and AssuranceNumber must not be specified.
When Exemption Number is not from 1 through 6.	4108 4560	Exemption Number Not Within 1-6 Specified Range. Please provide a value for Human Subject Exemption Number.
Wrong Phase 3 Clinical Trial Code	4280	Phase 3 clinical code is invalid. Valid values are Y, N or X.
When the attachment is missing or the file identifier is not provided.	4550 4187	The following attachment is missing in the CGAP soap message: <Attachment Name> Please provide <Attachment Name> file identifier
When explanation is not provided for any specific question answered 'False'	23794	Explanation is required if answer to <Element Name> question is false.
When the Budget Period ID is wrong.	23789 23790	Budget periods should be numbered from 1 to 5. A grant application can have maximum of 5 budget periods.

Condition	Message ID	Message Text
When Account Identifier provided is not a valid Commons account.	4072	All key personnel must have valid NIH eRA Commons accounts.
If Account Identifier is provided, and does not match name on the Commons account.	4088	The Key Person name: <Name> does not match the name listed for his/her NIH eRA Commons account: <Name>. Please check and resubmit.
When data is not provided for any required field.	19120	<Element name> is a required field.
When Project Role provided for key person is invalid role type.	23795	Role for Key Person <PersonName> is invalid: <ProjectRole>.
When involvement months is not between 1 and 12.	23796	Involvement months must be between 1 and 12 for <Element Name>
When answer to Full Time Question is wrong	23797	Fulltime question must be either 1(fulltime) or 2(parttime) for <Question>
When the percent effort is not between 1 and 100	23798	Percentage effort must be between 1 and 100 for <Name>
Only <i>one</i> summary cost can be provided, when submitting to NIH. Multiple Equipment Costs elements cannot be submitted for the same budget period	4190	Only one Equipment Costs budget item allowed.
Only ONE inpatient type can be supplied, per budget period. There should be only ONE outpatient node per period. For the same budget period there cannot be two of the same type	4192 4193	The Participant Patient Costs cannot have more than one Inpatient account type. The Participant Patient Costs cannot have more than one Outpatient account Type.
Other Direct Cost Type must be unique for each component	4202	The Other Direct Costs cannot have more than one <Type Name> account type.
Period Direct Costs Total must be <= 250K, must be a multiple of 25K	4266	Budget information must equal \$250K or less per year, in increments of \$25K. Applications with budgets in other formats must be resubmitted as paper applications.
Period Costs Total Must be greater than 0 for first budget period and Must be greater than or equal to Period Direct Costs Total	23799 4572	Initial Total Cost must be greater than zero. Direct Cost for year 1 may not be greater than the Initial Total Cost
When Budget Direct costs Total is not provided.	4210	The BUDGET DIRECT COSTS TOTAL element is required.
When Budget Indirect costs Total is not provided.	4212	The BUDGET INDIRECT COSTS TOTAL element is required.
Budget costs Total must be greater than or equal to Period Costs Total for the first budget period.	23788	The total costs entered must be equal to or greater than the initial total cost. Please re-enter the Total Costs information
Budget costs Total must be greater than or equal to Budget Direct Costs Total	23787	The total costs entered must be equal to or greater than the cumulative total direct costs for years 1-5. Please re-enter the Total Costs information.
There must be only one key person with a role of PI or PD. There cannot be both a PI and a PD.	4079	Only one component with role of PI or PD allowed. There cannot be both a PI or PD
Organization DUNS must match DUNS that is recorded for a valid NIH IPF entry	4272	Please provide a valid DUNS number for Applicant Organization.
When the name of the person on the account does not match the name that is provided in the xml datastream.	4269	The Key Person name: <Name> does not match the name listed for his/her NIH eRA Commons account: <AccountIdentifier>. Please check and resubmit.
When the Contact Information for the PI/PD is not provided. (Not required	4267	Please enter the contact information for the PI/PD.

Condition	Message ID	Message Text
for other roles)		
For PI/PD, if entered, the entire Postal Address should match the preferred employment address recorded for this account and organization in the Commons.	4556	PI mailing address (in PrincipalInvestigator section) does not match address listed for the PI's NIH eRA Commons account. Check PI's preferred employment address in the Commons, and resubmit.
When Postal address has not provided the necessary lines of street information.	4227	< Component.Subcomponent Name> must have < > to < > lines of street address information.
If the position title provided for a person does not appear on an employment record for this person and organization in Commons.	4084	The position title for Key Person: <Name> does not match the position titles listed in his/her NIH eRA Commons account. Please check the eRA Commons, and resubmit.
Organization division is required for the PI.	4224	The PI ORGANIZATION DIVISION element is required.
Organization department is required for the PI.	4225	The PI ORGANIZATION DEPARTMENT element is required.
If SSN is present, and if it does not match SSN for this person in Commons.	4090	The SSN given for: <Name> does not match SSN in this person's NIH eRA Commons account. To correct the SSN that NIH has on file for this person, please update it in the eRA Commons.
For any of the attachments, it must reference a valid file in SOAP message and the file should not be empty.	4187 4550	Please provide <Element Name> file identifier. The following attachment is missing in the CGAP soap message: < Element Name >
The Category Identifier for Application Category must be one of the following valid values for PILOT: N: New Application C: Continuation	23802	Invalid ApplicationCategory submitted: <ApplicationCategory>. Must be either N or C.
Project Start Date must be later than current date	23786	The project start date must be later than today's date. Please re-enter the project start date.
Project End Date must be later than Project Start Date	23785	Project End Date must be later than Project Start Date
The Project Title must match project title received on ticket	4286	The project title entered does not match the project title on the application. Please enter the correct project title.
Organization EIN provided must be a valid NIH EIN number validated against EINS_T.	4285	You must enter a valid EIN number
When the length of any field exceeds the maximum allowed.	19122	<Element Name> has a maximum length of <max length>.
State abbreviation is required if country is US or Canada. If country is not US or Canada, must be blank.	30424 30421 30213	State code value must be supplied for US and Canadian addresses only. The state code for US or Canada is invalid. The State Code field should be blank for all countries other than the United States and Canada.
Postal Code is required if country is US. Must be 5 or 9 numeric digits if country is US.	30119 30120	Please enter data in the ZIP field. The Zip Code field must contain a 5-digit or 9-digit number. Please re-enter data in the Zip Code field.
Country code must be a valid ISO 3166-1 country code.	4279	The country code provided for <Country> is not a valid ISO 3166-1 country code.
Organization Congressional District must have a valid congressional district code	40423	Congressional district <OrganizationCongressionalDistrict> is invalid.
Email must contain a '@', with at least 1 and at most 64	19126	<Email> is invalid. Please enter e-mail addresses in the format username@domainname.com

Condition	Message ID	Message Text
characters preceding and following the '@'. Control characters (ASCII 0 through 31 and 127), spaces and the special characters < > () [] \ , ; : are not valid.		
When Primary Project Site/Alternate Project Site information is missing.	4107	Please enter performance site information.