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Crypt Ops Data Store User Guide

[Crypt Ops Datastore](#) [REDACTED]

DataStore Rota:



~Data Store to be reviewed weekly at the DataStore management meeting

The Tasking Process

Submitting a Task

1. The customer follows the links to the Data Store page and clicks 'Add Record'.
2. The fields 'Crypt Task POC', 'Updates' and 'Team Plan Ref' should all be left blank, to be filled in later by Crypt Ops.
3. All fields marked with an * must be completed.
4. The Required by Date should be changed.
5. The 'Task Status' should be left as 'New Task' and the 'Record Status' should be left set to 'Draft'.
6. Once all necessary fields are completed click 'Submit'.

Once submitted the task will be dealt with as follows:

Processing a Task

1. The DS (Data Store) Admin team is notified of that a Task has been submitted.
2. The 'on duty' Admin reviews the task, assessing what category (see below) it falls into and passes it along to the appropriate TL (team leader).

Categories

- BR	BULLRUN	[REDACTED]
- CTSC		Counter Terrorism and Serious Crime
- EA		Electronic Attack
- GT		Global Targets
- HCA		Hand Crypt and SMS
- MENA		Middle East North Africa
- MOB		Mobile Infrastructure
- PRS		Password Recovery Service
- TD		Generic Target Discovery
- TR		Technical Research
- VPN		Virtual Private Networks
- SIG		Generic or complex signature development, possibly to include XKS fingerprinting (and TDI/BEGAL in the future?)

And possibly more, including:

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- | | |
|-----------------------|---|
| - TTT ?? | Tech Tracking and Trends – Requests for
tech tracking or trends data |
| - BP ?? | Requests BEARDED PIGGY accounts |

3. The DS Admin notifies the TL of the task and updates it changing the POC to the TL's sid and adding a note to the 'Updates' field in the following format:

'Passed to <TL's sid> on <dd/mm/yy> by <DS Admin's sid>'

4. DS Admin then sends an email to the task originator notifying them which TL is handling the task.
5. If the task is inappropriate for Crypt Ops or is one that there will be no resources available for in the foreseeable future then the TL changes the Task Status to '*Rejected*' and notifies the task originator explaining why the task has been rejected. The task's Record Status is then set to '*Archive*'.
6. If it is an appropriate achievable task the TL takes the following steps:
 - Determine what priority the task should be
 - Decide if the timescale is achievable given the available resources and personnel
 - Decide if the necessary resources are available
 - If an appropriate person is available assign them
- 7a. If resources are not currently available but the task is one that Crypt Ops will definitely complete some time in the near future when resources are available the TL should contact the tasks originator and inform them of when, realistically, resources will be available and work started.
- 7b. If they still wish the task to be undertaken then a new timescale should be negotiated.
- 7c. The Task Status should then be set to '*Suspended*' and the Record Status is left as '*Draft*'.
7. These tasks will be checked as part of the Data Store review to ensure that work starts on them as soon as resources become available.
9. Once this is done the tasks Record Status is set to '*Current*', the Task Status is set to '*Assigned*' and the update field should be filled in as follows:
10. Work to be carried out by <assignees sid> starting on <dd/mm/yy> assigned by <TL's sid>

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10. The TL then informs the task originator of the update.
11. Once the assignee begins work the Task Status should be set to '*In Progress*'.
12. The DS Admin's review all task weekly to ensure they are being acted on and that all timescales and on schedule. If a timescale is deemed unrealistic then the TL should be informed and should negotiate a new deadline with the task originator.
13. Once a task is completed the Task Status should be set to '*Complete*' and the Record Status changed to '*Archive*'.
14. The task originator should be informed that the task is officially complete and where possible feed back obtained.
15. **IMPORTANT:** Remember to keep both the 'Record Status' and 'Task Status' fields up to date and make sure that the record is in the correct category. The NEW TASK status should only be used on new tasks still in DRAFT, once ASSIGNED the task should be moved immediately to CURRENT, once work is started the task status should be IN PROGRESS and once COMPLETE it should be moved to ARCHIVE.

Searching DataStore (Only applicable to those with view privileges)

There are two search options at the top of the page; Text Search and Date Search.

Text Search – this allows searching on a number of fields (listed below) both in the page and within the records themselves. This search type is useful for finding all the tasks owned by a specific individual or all the tasks of a specific type (providing the category tag has been applied to the 'Task Title').

Task Title
Team Requesting
Task Status
Crypt Task POC
Originator
Task Classification
JIC Points
JIC Priority
Miranda
HRA Justification
Expected Outcome
Business Case
Estimated Resources
Updates
Team Plan Ref

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Date Search – there are three sub categories of this search; ‘No date search’ (which searches for record with no date set in the chosen field), ‘Search for a single date’, or ‘Search over a date range’. These searches can be conducted on several fields; ‘Required by Date’, ‘Date Submitted’, ‘Date last updated’ and ‘Date Task Completed’. This search is useful for finding all the tasks that need to be completed by a specific date.

The search types can be used in concert e.g. tasks with SIG in the title with a required by date between 01/05/2011 and 06/10/2011, this is achieved by running one search and then the other.