What's new/changed in GDPS® V4.6?

On March 31, 2023, IBM® has made available Version 4 Release 6 of GDPS Metro, GDPS Metro HyperSwap® Manager, GDPS Global – GM, GDPS Metro Global – GM, GDPS Global – XRC, GDPS Metro Global – XRC and GDPS Continuous Availability.

This document describes at a high level:

- New function and changes in GDPS V4.6 solutions, including new function added in GDPS V4.5 via continuous delivery.
- Preview of items planned to be released via continuous delivery in the coming months.
- Any formal GDPS Statements of Direction beyond the preview of planned new function already mentioned.
- End of support information for GDPS releases.

Restrictions at general availability

There are no known restrictions at this time.

General recommendation

As a result of recent testing, GDPS is recommending, where available, at least one, shared, zIIP processor is online to your GDPS Controlling System LPARs as the z/OS® System Data Mover component that processes Copy Services-related commands does take advantage of available zIIP capacity to offload some of the processing overhead associated from the general-purpose processors. In addition, SYS1.PARMLIB member ANTXIN00 needs to specify zIIPEnable(FULL) in the STARTUP section to benefit from the zIIP offload. Similar guidance prevails as for general purpose CPs and the GDPS Controlling Systems that include do not cap the zIIP engine and provide sufficient weight (to avoid vertical low zIIP engine assignment).

This is a strong recommendation for users of the GDPS Graphical User Interface to offload Liberty WebSphere work plus having zIIP capacity available provides greater benefit for GDPS Metro and Global Mirror environments managing large disk configurations. This was already a recommendation for XRC System Data Mover LPARs.

What's new or changed in GDPS Metro

The following new capabilities or procedures have been included in the GDPS Metro V4.6 solution or via continuous delivery through the service stream since GDPS Metro V4.5 was made available:

- GDPS has introduced the first iteration of the GDPS Reconfiguration Wizard. The GDPS Reconfiguration Wizard provides a simple way to perform complex operations when making modifications to your remote copy environment. It does this by asking you to provide some initial information and then it automates the major required tasks, such as:
  - configuring new storage servers
  - initiating and managing mirroring to new storage servers
  - updating the GDPS configuration, including the DASD configuration (GEOPARM) as required

  Support in this initial iteration is to aid in the replacement of DS8000® secondary storage subsystems being managed by GDPS.
- GDPS has introduced a new, separately priced, feature called GDPS Metro Linux® in LPAR mode to provide support for running Linux natively in an LPAR on IBM Z® hardware.
- GDPS Role-Based Security has been extended as follows:
  - Introduction of an extension of the GDPSCTL security profiles to protect GDPS health checks. This support allows for fine-grained security definitions for functions available in the GDPS Healthcheck interface. Protection via SDSF is through equivalent z/OS Health Checker related security profiles.
  - Introduction of an extension of the GDPSCTL security profiles to protect changing the GDPS DEBUG settings via the GDPS user interfaces.
- GDPS has been enhanced to provide support for the IBM z16™ hardware as follows:
  - Support for automatically detection of a Support Element (SE) shutdown or restart and suspension or resume of communications to the SE via BCPii as required.
  - Support for new FLEXible capacity records in addition to the current set of Temporary Capacity records that GDPS can display and manipulate.
- GDPS has been enhanced to take advantage of DS8000 Cluster Event Notification functionality to solicit notifications for all out-of-space conditions that can occur for devices in the GDPS configuration, especially when they arise in storage systems that are only housing devices used in recovery situations. This enables these out-of-space conditions to be surfaced to the user in time to take positive action and avoid running out of space completely. (IEC817I/IEA499E)
- GDPS Logical Corruption Protection has been enhanced with the following capabilities:
  - Monitor3 provides a Pool Capacity Manager (PCM) which analyzes the DS8000 Storage Pool Statistics for each site of each consistency group
  - New Safeguarded Copy Monitor is introduced to provide the following:
    - Virtual Capacity Monitor (VCM) that analyzes the SGC virtual backup capacity usage
    - Internal Roll-off Monitor (IRM) that determines if a SGC backup has been internally rolled off by the DS8000. Captures are flagged as Partial in the SGC captures panel when roll-offs are detected.
    - Backup Expansion Monitor (BEM) is moved from Monitor3 to be part of the SGC monitor

  - GDPS Safeguarded Copy Dynamic Expansion Manager which enables the user to perform the following:
    - Generate DS8000 DSCLI commands to expand the Safeguarded Copy backup capacity multiplier - based on user specified target utilization criteria.
    - Export virtual and physical capacity statistics to an output sequential dataset in CSV delimited format for further offline analysis.
- GDPS has provided support for z/VM® 7.3 and has extended support for the new Single System Image (SSI) 8-way cluster capability to give you greater availability and flexibility in your z/VM guest placement.
- GDPSIVHP, the GDPS xDR Health Checker has been extended with the following capabilities:
  - Check that the VM Dump volumes have been set up correctly according the GDPS rules to ensure, for example, PSW restart dumps can be captured following a system reset (such as for a failed HyperSwap when the dump is required to investigate the root cause).
  - Check that the system configuration files are set up correctly on the z/VM parm disks that are stored on PDVOL. The Stand-Alone Program Loader (SAPL) must be configured to point to the appropriate system configuration file(s) on the appropriate parm disk.
- GDPS xDR support has been delivered for Red Hat® Enterprise Linux (RHEL) 8.4 guests running under the KVM hypervisor, extending your choice for Linux instances to include RHEL 8.4 or later, SLES15.4 or later and Ubuntu 22.04 or later.
- Several enhancements have been made to the reliability, availability, and serviceability of the GDPS use of the IBM Z System Automation BCPii connection between GDPS and the IBM Z® hardware as follows:
  - When a session to a Central Processor Complex (CPC) support element is suspended by GDPS, the message GEO292I is now issued in SDF as well as in the syslog.
  - Monitor1 now detects when a session to the support element is resumed outside of GDPS
  - Nonzero completion codes from GDPS standard actions, SE operations, and temporary capacity functions are now always printed to the NetView log even if GDPS debug mode is OFF. Moreover, the GDPS HW command summary report will also be displayed in Netlog if one of the HW functions fails.
  - GDPS will now automatically activate the System Automation trace and hardware trace before running a temporary capacity function. The trace will be automatically deactivated at the end of the process.
  - When running a standard action from a GDPS application system, GDPS will dynamically establish the connection to the local CPC support element as well as to the CPC targeted by the standard action.
- GDPS has reduced the number of debug messages deemed as unnecessary in problem determination that were issued to the Netlog when running with DEBUG=ON. This can simplify interpretation of these messages. Furthermore, new user-friendly GDPS trace messages have been introduced to aid in problem determination for common problems such as might be encountered performing a CONFIG operation or during SCRIPT execution.
- GDPS CPC Operations panel VPCPCOPS and the equivalent GUI display has been enhanced to display the Serve Time Protocol (STP) roles for the CPCs defined in the GDPS environment.
- The GDPS Enterprise Portal has been enhanced to display the STP roles next to each CPC in the Physical View available via the portal.

- GDPS processing has been enhanced to increase the number of PPRC paths and pair relationships that can be queried and reported. GDPS now supports up to 16 target secondary subsystems when executing a path query to a PPRC primary volume.
- When involved in GDPS Remote Script Execution, the SDF Trace entries created by the remote target when executing a remotely initiated script are enhanced to provide an insert identifying the target domain and the remote script token.

What’s new or changed in GDPS Metro HM

The following new capabilities or procedures have been included in the GDPS Metro HyperSwap Manager V4.6 solution or via continuous delivery through the service stream since GDPS Metro HM V4.5 was made available:

- GDPS processing has been enhanced to increase the number of PPRC paths and pair relationships that can be queried and reported. GDPS now supports up to 16 target secondary subsystems when executing a path query to a PPRC primary volume.
- GDPS Role-Based Security has been extended as follows:
  - Introduction of an extension of the GDPSCTL security profiles to protect GDPS health checks. This support allows for fine-grained security definitions for functions available in the GDPS Healthcheck interface. Protection via SDSF is through equivalent z/OS Health Checker related security profiles.
  - Introduction of an extension of the GDPSCTL security profiles to protect changing the GDPS DEBUG settings via the GDPS user interfaces.
- GDPS has reduced the number of debug messages deemed as unnecessary in problem determination that were issued to the Netlog when running with DEBUG=ON. This can simplify interpretation of these messages. Furthermore, new user-friendly GDPS trace messages have been introduced to aid in problem determination for common problems such as might be encountered performing a CONFIG operation.
- Several enhancements have been made to the reliability, availability, and serviceability of the GDPS use of the IBM Z System Automation BCPii connection between GDPS and the IBM Z hardware as follows:
  - When a session to a Central Processor Complex (CPC) support element is suspended by GDPS, the message GEO292I is now issued in SDF as well as in the syslog.
  - Monitor1 now detects when a session to the support element is resumed outside of GDPS

What’s new or changed in GDPS Global - GM

The following new capabilities or procedures have been included in the GDPS Global – GM V4.6 solution or via continuous delivery through the service stream since GDPS GM V4.5 was made available:

- The GDPS Procedure Handler has been enhanced as follows:
  - When a procedure is started, and a previous failure for this procedure is detected, a new WTOR is issued that provides the user with the additional option to restart the previously failed procedure from the beginning. The new WTOR provides the user with restart options that include resuming the procedure from where it previously failed, restarting the procedure from step 1, or aborting the procedure restart.
  - Following a path establish error, the procedure handler now continues and attempts to establish PPRC paths for all SSID pairs before then failing the PESTPATH step.
- GDPS has been enhanced to provide support for the IBM z16 hardware as follows:
  - Support for automatically detection of a Support Element (SE) shutdown or restart and suspension or resume of communications to the SE via BCPii as required.
  - Support for new FLEXible capacity records in addition to the current set of Temporary Capacity records that GDPS can display and manipulate.
- GDPS Role-Based Security has been extended as follows:
  - Introduction of an extension of the GDPSCTL security profiles to protect GDPS health checks. This support allows for fine-grained security definitions for functions available in the GDPS Healthcheck interface. Protection via SDSF is through equivalent z/OS Health Checker related security profiles.
  - Introduction of an extension of the GDPSCTL security profiles to protect changing the GDPS DEBUG settings via the GDPS user interfaces.
- GDPS Logical Corruption Protection has been enhanced with the following capabilities:
  - Monitor3 provides a Pool Capacity Manager (PCM) which analyzes the DS8000 Storage Pool Statistics for each site of each consistency group
  - New Safeguarded Copy Monitor is introduced to provide the following:
    - Virtual Capacity Monitor (VCM) that analyzes the SGC virtual backup capacity usage
    - Internal Roll-off Monitor (IRM) that determines if a SGC backup has been internally rolled off by the DS8000. Captures are flagged as Partial in the SGC captures panel when roll-offs are detected.
    - Backup Expansion Monitor (BEM) is moved from Monitor3 to be part of the SGC monitor
  - GDPS Safeguarded Copy Dynamic Expansion Manager which enables the user to perform the following:
    - Generate DS8000 DSCLI commands to expand the Safeguarded Copy backup capacity multiplier - based on user specified target utilization criteria.
    - Export virtual and physical capacity statistics to an output sequential dataset in CSV delimited format for further offline analysis.

- Support is introduced for GM2SITE clients exploiting GDPS LCP Manger to take direct FlashCopies in a GDPS GM LCP Manager virtual isolation environment or a GDPS Metro LCP Manager physical isolation environment. This support introduces the possibility to define RC1 disks in GEOPARM and to use it with the GDASD TESTCOPY CAPTURE RC1 and GDASD FCESTABLISH RC1 scripts as well as using IPLMODE RC1
- Several enhancements have been made to the reliability, availability, and serviceability of the GDPS use of the IBM Z System Automation BCPii connection between GDPS and the IBM Z hardware as follows:
  - When a session to a Central Processor Complex (CPC) support element is suspended by GDPS, the message GEO292I is now issued in SDF as well as in the syslog.
  - Monitor1 now detects when a session to the support element is resumed outside of GDPS
  - Nonzero completion codes from GDPS standard actions, SE operations, and temporary capacity functions are now always printed to the NetView log even if GDPS debug mode is OFF. Moreover, the GDPS HW command summary report will also be displayed in Netlog if one of the HW functions fails.
  - GDPS will now automatically activate the System Automation trace and hardware trace before running a temporary capacity function. The trace will be automatically deactivated at the end of the process.
  - When running a standard action from a GDPS application system, GDPS will dynamically establish the connection to the local CPC support element as well as to the CPC targeted by the standard action.
- GDPS CPC Operations panel VPCPCOPS on the R-sys and the equivalent GUI display has been enhanced to display the Serve Time Protocol (STP) roles for the CPCs defined in the GDPS recovery environment.
- The GDPS Enterprise Portal has been enhanced to display the STP roles next to each CPC in the recovery site in the Physical View available via the portal.
- GDPS processing has been enhanced to increase the number of replication paths and pair relationships that can be queried and reported. GDPS now supports up to 16 target secondary subsystems when executing a path query to a primary volume.
- When involved in GDPS Remote Script Execution, the SDF Trace entries created by the remote target when executing a remotely initiated script are enhanced to provide an insert identifying the target domain and the remote script token.
- GDPS has reduced the number of debug messages deemed as unnecessary in problem determination that were issued to the Netlog when running with DEBUG=ON. This can simplify interpretation of these messages. Furthermore, new user-friendly GDPS trace messages have been introduced to aid in problem determination for common problems such as might be encountered performing a CONFIG operation or during SCRIPT execution.

What’s new or changed in GDPS Metro Global - GM

In addition to the new functions provided in the individual products that constitute the GDPS Metro Global – GM (MGM) offering, the following new capabilities or procedures have been included in the GDPS MGM V4.6 solution or via continuous delivery through the service stream since GDPS MGM V4.5 was made available:

- When involved in GDPS Remote Script Execution, the SDF Trace entries created by the remote target when executing a remotely initiated script are enhanced to provide an insert identifying the target domain and the remote script token.
- Support is introduced for MGM3SITE clients exploiting GDPS LCP Manger to take direct FlashCopies in a GDPS MGM LCP Manager virtual isolation environment. This support introduces the possibility to define RC1 disks in GEOPARM and to use it with the GDASD TESTCOPY CAPTURE RC1 and GDASD FCESTABLISH RC1 scripts as well as using IPLMODE RC1
- GDPS LCP Manager has been enhanced to provide the capability of incrementally restoring a safeguarded capture from a recovery copy set to the production volumes for an external LCP Manager to an MGM3SITE or MGM4SITE environment as well as for an MGM3SITE virtual LCP Manager.
- GDPS LCP Manager has been further enhanced to support Safeguarded Copy backups to be captures in the Production region. In an MGM4SITE Virtual Isolation environment, Safeguarded captures can be taken via the active Metro Mirror primary or secondary volumes. Safeguarded Incremental Restore to Production is also supported in this environment.
- New GDPS Procedure Handler procedures have been introduced for MGM4SITE clients to exploit. MGM4SITE_CGPAUSE and MGM4SITE_RESUME for MGM4SITE can be used to pause the GM session with consistency from GDPS scripts before, for example, taking a FlashCopy® in the D/R region.

What’s new or changed in GDPS Global - XRC

The following new capabilities or procedures have been included in the GDPS Global - XRC V4.6 solution or via continuous delivery through the service stream since GDPS XRC V4.5 was made available:

- In line with recent announcements, both from IBM Storage and IBM z/OS, GDPS will continue to support GDPS Global – XRC-based solutions on the DS8000 and z/OS levels that support z/OS Global Mirror (XRC). There are several considerations regarding the recent announcements:
  - GDPS XRC-based solutions are functionally stabilized from GDPS 4.4 onward, only inheriting capability enhancements that are common across all GDPS solutions.
  - GDPS XRC-based solutions will no longer be offered to new GDPS clients adopting GDPS for the first time. Existing clients can obtain additional licenses to meet their requirements.
  - GDPS is offering a license exchange from GDPS XRC to GDPS GM for existing clients. This will be at no additional license charge. Clients will be able to start the migration to GDPS GM without incurring any additional support charges for running both solutions.

The items inherited by GDPS XRC solutions are as follows:

- Several enhancements have been made to the reliability, availability, and serviceability of the GDPS use of the IBM Z System Automation BCPii connection between GDPS and the IBM Z hardware as follows:
  - When a session to a Central Processor Complex (CPC) support element is suspended by GDPS, the message GEO292I is now issued in SDF as well as in the syslog.
  - Monitor1 now detects when a session to the support element is resumed outside of GDPS
  - Nonzero completion codes from GDPS standard actions, SE operations, and temporary capacity functions are now always printed to Netlog even if GDPS debug mode is OFF. Moreover, the GDPS HW command summary report will be displayed in Netlog if one of the HW functions fails.
  - GDPS will now automatically activate the System Automation trace and hardware trace before running a temporary capacity function. The trace will be automatically deactivated at the end of the process.
  - When running a standard action from a GDPS application system, GDPS will dynamically establish the connection to the local CPC support element as well as to the CPC targeted by the standard action.
- GDPS CPC Operations panel VPCPCOPS and the equivalent GUI display has been enhanced to display the Serve Time Protocol (STP) roles for the CPCs defined in the GDPS environment.
- GDPS has been enhanced to provide support for the IBM z16 hardware as follows:
  - Support for automatically detection of a Support Element (SE) shutdown or restart and suspension or resume of communications to the SE via BCPii as required.
- Support for new FLEX capacity records in addition to the current set if Temporary Capacity records that GDPS can display and manipulate.
- GDPS has reduced the number of debug messages deemed as unnecessary in problem determination that were issued to the Netlog when running with DEBUG=ON. This can simplify interpretation of these messages. Furthermore, new user-friendly GDPS trace messages have been introduced to aid in problem determination for common problems such as might be encountered performing a CONFIG operation or during SCRIPT execution.

What’s new or changed in GDPS Metro Global - XRC

In addition to the new functions provided in the individual products that constitute the GDPS Metro Global - XRC (MzGM) offering, the following new capabilities or procedures have been included in the GDPS Metro Global - XRC V4.6 solution or via continuous delivery through the service stream since GDPS MzGM 4.5 was made available:

- Documentation and code to support the migration from GDPS MzGM to GDPS MGM in a 3-site configuration has been provided and can be accessed via the GDPS FTP download site. These updates provide:
  - Tools, sample scripts, and documentation to support a migration from topology MZGM4SITE to MGM4SITE. Enhancements to tools, samples and documentation for the migration path from MZGM3SITE to MGM3SITE have also been provided. Ensure you have downloaded the latest versions prior to embarking on the migration using these tools.
- In line with recent announcements, both from IBM Storage and IBM z/OS, GDPS will continue to support GDPS Metro Global – XRC-based solutions on the DS8000 and z/OS levels that support z/OS Global Mirror. There are several considerations regarding the recent announcements:
  - GDPS MzGM-based solutions are functionally stabilized, only inheriting capability enhancements that are common across all GDPS solutions.
  - GDPS MzGM-based solutions will not be offered to new GDPS clients adopting GDPS for the first time. Existing clients can obtain additional licenses to meet their requirements.
  - GDPS is offering a license exchange from GDPS XRC to GDPS GM for clients impacted. This will be at no additional license charge. Clients will be able to start the migration to GDPS GM without incurring any additional support charges for running both solutions.
  - GDPS is offering a license exchange from GDPS Metro HM to GDPS Metro for those clients running GDPS MzGM with the GDPS Metro HM solution. This exchange will not incur additional license charges, but the support and subscription (S&S) will increase in line with GDPS Metro S&S charges.

What’s new or changed in GDPS Continuous Availability

The following new capabilities or procedures have been included in the GDPS Continuous Availability V4.6 solution and enhancements delivered via continuous delivery through the service stream for GDPS CA V4.5:

- The capability to allow multiple database managers to be defined within a single workload has been enhanced. GDPS now provides the ability for a single workload to have both Db2® and VSAM replication defined. With this support, previously delivered for IMS™ and Db2, there is no data consistency provided between the different replication methods.
- The GDPS Enterprise Portal is updated to support inclusion of GDPS CA environments in both logical and physical views.
- GDPS CA has been enhanced to provide support for the IBM z16 hardware as follows:
  - Support for automatically detection of a Support Element (SE) shutdown or restart and suspension or resume of communications to the SE via BCPii as required.
  - Support for new FLEXible capacity records in addition to the current set of Temporary Capacity records that GDPS can display and manipulate.
- Several enhancements have been made to the reliability, availability, and serviceability of the GDPS use of the IBM Z System Automation BCPii connection between GDPS and the IBM Z hardware as follows:
  - When a session to a Central Processor Complex (CPC) support element is suspended by GDPS, the message GEO292I is now issued in SDF as well as in the syslog.
  - Monitor1 now detects when a session to the support element is resumed outside of GDPS
  - Nonzero completion codes from GDPS standard actions, SE operations, and temporary capacity functions are now always printed to the NetView log even if GDPS debug mode is OFF. Moreover, the GDPS HW command summary report will also be displayed in Netlog if one of the HW functions fails.
  - GDPS will now automatically activate the System Automation trace and hardware trace before running a temporary capacity function. The trace will be automatically deactivated at the end of the process.
  - When running a standard action from a GDPS application system, GDPS will dynamically establish the connection to the local CPC support element as well as to the CPC targeted by the standard action.

Functions to be removed in the next release of GDPS

The following items are planned to be removed in the next release of GDPS:

- There are no functions being announce as to be removed in the next release at this time.

GDPS Statements of direction

For your planning purposes, “GDPS Continuous Delivery Preview” includes several specific enhancements that are expected to be released within the coming months.

In addition, the following statements of direction are being made at this time:

- IBM intends to develop an extension to the GDPS Logical Corruption Protection (LCP) Manager that does not require GDPS Metro or GDPS GM to be managing the HA/DR remote copy for a client but can interface with the GDPS Metro HyperSwap Manager and IBM Copy Services Manager (CSM) for those replication management functions otherwise provided by GDPS Metro or GDPS Global – GM.

  The purpose of this new capability is to provide the automation platform for GDPS HM and CSM clients with IBM DS8000 storage to adopt the IBM Z Cyber Vault solution with GDPS LCP Manager providing the ability to drive the recovery, data validation and restoration of Safeguarded Copy backups taken within the environment.

  This support will initially be focused on clients using GDPS Metro HM clients to manage physical isolation of the IBM Z Cyber Vault, using CSM to manage Metro Mirror 2-site configurations with physical or virtual isolation of the IBM Z Cyber Vault, and CSM clients using GM 2-site with physical isolation or Safeguarded Copy backups taken on the GM primary devices. This new capability of the GDPS LCP Manager will need to run as a standalone GDPS Controlling System in a z/OS image that is also running IBM Z NetView® and IBM Z System Automation as normal for GDPS.

- IBM intends to extend the automation framework provided by GDPS LCP Manager for the IBM Z Cyber Vault solution to provide automation of data validation as follows:

  1. Infrastructure Validation (Type 1), to validate the system can IPL from a consistent, point-in-time copy (taken via FlashCopy or Safeguarded Copy) of Production.
  2. Subsystem Validation (Type 2), to validate the system can start all required subsystems from the copy such as CICS®, IMS, Db2 etc.
  3. Initiation of Application Validation (Type 3), client created scripts to validate specific Application Data in the copy
  4. Extend the automation framework to provide validation for Linux guests running under z/VM

- IBM intends to introduce the ability to separately license the use of your production software stack in a dedicated Cyber Vault environment. This would enable starting systems from a point-in-time backup to generate a Cyber Vault environment, where the existing production software stack will be licensed at a differentiated price point.

- IBM intends to extend GDPS LCP Manager to consume event notification from the anti-malware solution for z/OS described in Statement of direction: IBM intends to deliver anti-malware for IBM z/OS and enable policy-driven actions to be taken based on the event.

- IBM intends to further extend the security in GDPS by provide dual control model for pervasive or potentially destructive actions in the GDPS LCP Manager plus finer grained security controls on the LCP Management Profiles.

- IBM intends to extend the integration between GDPS LCP Manager and the IBM Z Batch Resiliency product (5698-BR1) specifically in surgical recovery of data sets in an IBM Z Cyber Vault context to automate the process of extracting specific versions of datasets from a Safeguarded Copy backup to make them available for restoration into production.

- IBM intends to extend support for 6 replication copies where a Multi-Target Metro Mirror (MM3SITE) topology in one region is connected via Global Mirror to a second Multi-Target Metro Mirror environment in a second region.

GDPS Continuous Delivery Preview

The following functions are currently planned to be released in the coming months through the GDPS service stream:

- The capability to independently switch the replication direction of sessions in a GDPS Global – GM 2-site environment where multiple sessions (or consistency groups) are being managed in a single GDPS instance.
- Further enhance GDPS LCP Manager to provide automation for periodic Safeguarded Captures, automatic release of expired backups and the capability to both quiesce and subsequently resume these automated processes. Initially delivery will be via the GDPS UI with extensions to the GDPS REST API to follow.
- GDPS LCP Manager will provide a timestamp for a Safeguarded Capture that is as close as possible to the actual point-in-time that the data capture is at, in addition to the start of the overall capture process.
- GDPS LCP Manager will be enhanced for GDPS MGM 4-site environments to provide awareness of which region production is currently active in plus the ability to have virtual isolation LCP environments of the data copies in the DR region.
- GDPS will introduce a mechanism to dynamically refresh the GEOGROUP definitions that will not require NetView to be recycled to simplify introducing changes.
- GDPS will be enhanced to provide a mechanism to dynamically remove bad PPRC links encountered when performing any CESTPATH operation to enhance operational management of the environment.
- GDPS will provide the ability to filter the GDPS Scripts (Option 6) panel, based on script name, to ease navigation and use when many scripts are defined.
- GDPS will be introducing support for the upcoming z/OS Validated Boot function.
- GDPS will introduce support for better synergy with IBM Z System Automation and the IBM Z Support Element (SE) by notifying System Automation when a GDPS action involving the BCPii us ongoing to avoid a planned SE outage.

End of support

In accordance with the GDPS “n, n-2” support policy, support for GDPS V4.3 and GDPS Continuous Availability V2.3 will be discontinued on March 31, 2023 and that support will be discontinued for GDPS V4.4 including GDPS Continuous Availability 4.4 on March 31, 2024.

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