Tags

ibm_i 7.1 integrated_server iscsi 6.1 windows sf99357 esx vmware system_x bladecenter sf99369 blade 5.4 save pdi error sf99348 swa db2 performance collection i perspective ibm chart navigator endtcpsvr group ptfs mc mgtc performance_tools performance_data_investigator target switch ha gui web clone database enhancements director for requirements product required install level products

IBM i 7.2 - TR6 Enhancements

This page has not been liked. | Updated 5/22/17, 10:44 AM by ScottForstie | Tags: *None*

Note: The announcement materials for IBM i 7.2 TR6 can be found here: http://ibm.biz/IBMi_72_TR6

The remainder of this landing page intends to make it easy to see the supporting detail for these enhancements.

DB2 for i Enhancements

DB2 for i - Functional Enhancements

- JSON Query Predicates
- LISTAGG() built-in function
- Enhanced LTRIM and RTRIM built-in functions
- Ability to use 3-part names from within Trigger programs
- SQL RPG Precompiler enhanced to generate Free Format code
- RPG Compiler PTFs are included within the DB2 PTF Group

DB2 for i - Performance Enhancements

- Enhanced processing of Index Advice

IBM i Services (new and enhanced)

- QSYS2.MESSAGE_QUEUE_INFO
- QSYS2.OBJECT_PRIVILEGES
- QSYS2.AUTHORIZATION_LIST_INFO
- QSYS2.AUTHORIZATION_LIST_USER_INFO
- QSYS2.SET_PASE_SHELL_INFO()
- QSYS2.USER_INFO
- QSYS2.LICENSE_INFO
- SYSTOOLS.LICENSE_EXPIRATION_CHECK()

DB2 for i Services (enhanced)

- QSYS2.RESET_TABLE_INDEX_STATISTICS()

DB2 Web Query

- DB2 Web Query 2.2.0 - Hot Fix 3 enhancements

Systems Management

IBM i Access Client Solutions (ACS) - Version 1.1.7.0

Run SQL Scripts enhancements

- CL Prompting
- Enhanced SQL Highlighting

- Show Object References
- Upload Results
- More “Insert from Examples”

Printer output enhancement

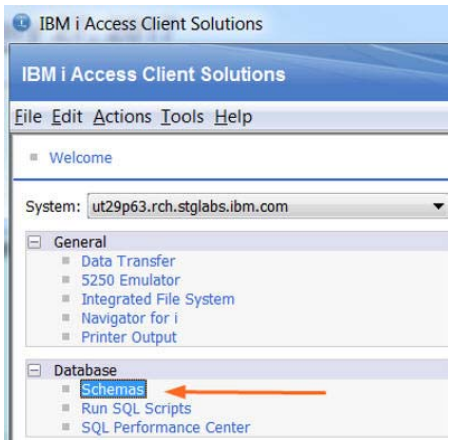
- Multiple user filter

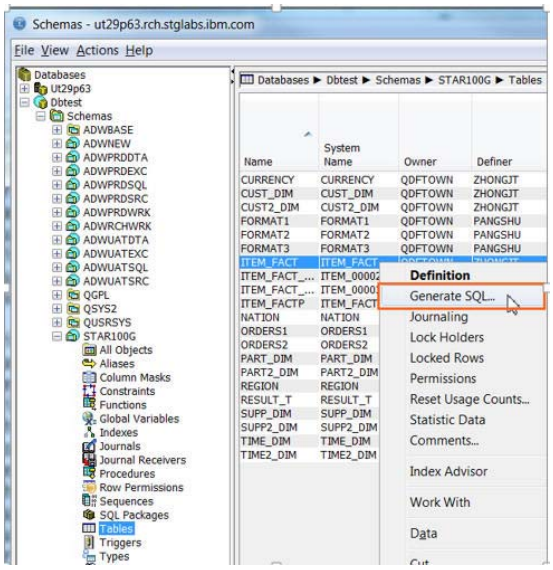
Integrated File System enhancement

- Filter added

Database - Schemas support added

- Many object actions are implemented within ACS
- Actions also enabled within Visual Explain and elsewhere





Hardware

Platform

- IBM Power S812 model 8284-21A

I/O

- #EU4A - RDX USB External Docking Station
- #EJ1P/#EJ1N - PCIe1 SAS Tape/DVD Dual-port 3Gb x8 Adapter

Functional Enhancements

- Serviceability improvements for severe errors
- Flash drive no longer requires a physical pull or push when exported
- Default setting for 4096 sector disk has been changed
- DS8000 HyperSwap disks no longer require resume of normal replication before IPLing

---

Open Source

IBM i Open Source Solutions (5733-OPS)

- Product Descriptions have been updated with 'real' text

```
57330PS    *BASE    IBM i Open Source Solutions
57330PS    1        Node.JS v0.x
57330PS    2        Python 3.x
57330PS    3        Chroot with gcc
57330PS    4        Python 2.x
57330PS    5        Node.JS v4.x
57330PS    6        Git
57330PS    7        Tools
57330PS    8        Eclipse Orion
57330PS    9        Cloud-Init for i
57330PS    10       Node.JS v6.x
```

- Option 7 - Tools
  - wget & curl
    - URL (FTP, HTTP, ...) fetchers allow you to download URLs from the command line
  - rsync
    - allows users to sync files and updates between multiple systems, including to and from non-IBM i systems
  - GNU tar
    - alternative to the PASE tar with many additional features, like automatic decompression support
  - gzip, xz, and bzip2
    - compression tools for handling archives from the internet

- Option 2 - Python 3.x
  - updated to 3.4.6
- Option 4 - Python 2.x
  - updated to 2.7.13
- Option 6 - Git
  - updated to 2.10.2 and rebuilt with curl and perl support, allowing git to work with HTTP and FTP remote repositories and also to enable more advanced tools that require perl such as git add -p
- Set your default shell
  - Users can now set the shell that gets started when they log in via SSH. Previously a user would always start in /QOpenSys/usr/bin/bsh or the shell specified in the ibmpaseforishell sshd_config option, if set. These solutions were system-wide and many users want the ability to customize their shell independently. Users can use the QSYS2.SET_PASE_SHELL_INFO procedure to customize their shell. Administrators can also set a default shell that will be used for all users that do not have a shell explicitly set, which makes the ibmpaseforishell configuration option obsolete.

General Operating System

Networking

- SNMPv3 Auditing and Other Enhancements

BRMS

- Removed an IPL during disaster recoveries with Domino to improve recovery times
- ANZLIBBRM enhancement for estimated save times for *LINK data

---