NetYCE 6.2.0

Status as of March 25, 2015

> Version of 6.2.0 was finalized at 2015-03-06
>
> Note: Version 6.2.0 will require an update to the YCEperl installation
> See notes at bottom of this article.

Fixes:

- Nexus '(config-xxx)#^H#' prompt detect fails on some nodes
- HP prompt detect failed for some config-object-paths
- HP device 'end' command when 'quit' should be used
- Nexus commit skipped
- Retrieving csv reports using MSIE blocked
- Search does not filter client/site
- Nexus [####] progress on save filtered from log
- Cannot use 'Enter' key on notes-field sites details form
- Width of Vlan field in subnet details
- Site details form VZP / Ref-code not shown/saved
- Nexus error messages incomplete
- Link to files from jobs (name change)
- Nexus backspaces in command echo's: wor ^Hd instead of 'word'
- Removed '[##] from historic Nexus job-logs
- ML3 migration 'finish' not renaming nodes issue
- Nexus error message "vpc already exists" demoted to warning level.
- Corrected (numeric) sorting issues with some drop-down menus.
- Fixed some sorting issues in grids and drop-down menus.
- Renamed template save into 'export', load into 'import'. Fixed issue with import.
- Infoblox API update fails due to UTF-8 quotes used in newer versions
- In command-jobs tool corrected missing 'deselect all' after 'select all' was used
- Some forms have variable fields that are too narrow for the value to be shown completely.
- eVPN details accessed from Node-details form are not properly selected
- Some servers fail to be created from the 'servers - custom' form
- Fixed issue with service-type delete-ports-subnet

Enhancements:

- Template #wait directive support. See Template directives
- The 'Operatie - Tools - Ping tool' has been reworked to allow free-form ip- and host-address pinging of interfaces too. See Ping nodes
- The 'Node topology - Add subnets' form now supports multiselect on ports AND subnets allowing for quick assignment of a series of subnets to a range of ports on a device, including connected interfaces when topology exist.
- The 'Build' main-form 'search' function has been extended and optimized.
- Password-sensitive fields in the database are now stored encrypted in the database. Includes customer-based key-management and customizable field-selection. Encryption uses AES256

algorithm. See Encryption
- Support of customizable 'Change-id' requirements in jobs. See Job Configuration
- Support of Job approvals. Each job-type can be assigned requirements on job-approvals before being executed. The approval requirements can be defined in high detail using thresholding, limiting and authorisation level parameters. Jobs requiring approval are listed as 'pending'. See Job Configuration
- Reworked 'Scheduled jobs' tool to support Job filtering (change-id, status, jobs-id, user), manipulation (cancel, suspend, resume, now) and approvals (approve, reject, comment). See Scheduled jobs
- Job notifications. Email notifications can be sent automatically for jobs pending approval (sent to user-group email-list of job owner). Also notifications can be issued for approval rejections, job cancellations or expiry (sent to owner).
- New customizable tool-setup XML file where scheduler queue and per-job-type configurations can be made (approvals, notifications, auditors, change-id validations)
- Local NetYCE Wiki installation and customer-enabled updates. See Download WIKI installation files
- Extended job-tools with text-box entry for 'SiteCode' values
- Subnet name and Subnet description now have distinctive references in the forms. Description is shown were relevant
- Many forms now allow for column sorting in its primary grids
- Form-fields not available for editing (role-dependent) are now visually distinguishable
- To distinguish the various NetYCE servers more easily, each server-button in the title bar can be assigned is own (customizable) text and button color.
- Databases now use utf8 throughout. VBA dependencies prevented this conversion
- HP Comware-7 vendor module
- Additional tools that support 'Change-id' field and customizable approval settings

Optional trial release

- A rewrite of the service types including enhanced syntax checking and full API and custom-variables

> Notes regarding YCEperl upgrade:
> 1) When running MariaDB, ensure MariaDB-devel is installed:
> `yum list installed | grep -i mariadb-devel`
> if not, install using `sudo yum install MariaDB-devel`
> 2) Should the command `ck_license -X` produce errors (with db running), recompile DBD::mysql using:
> `/opt/ycelib/perl/bin/cpanm –force DBD::mysql`

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Last update: **2024/07/03 12:31**