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Settings

This article is under development

Please refer to [Settings tweaks](#) page for details on each Tweak variable

The NetYCE GUI makes a distinction between “General settings” and “Compliance settings”. The distinction is just their scope and the database these settings are stored in. The backups and compliance settings are stored and maintained separate from all other settings.

This is the result of using a dedicated database for the backup configurations and all compliance data. The settings that control the backup and compliance operation are stored in the same NCCM database. And, when restoring a “Backups archive”, these settings are restored along with the data, policies and reports.

The “General settings” apply to everything but the backups and compliance.

This article describes ALL the settings and their use, regardless of their scope. Each description will clarify to which scope it applies the GUI page to set it.

The various settings are grouped by type.

Class	Type	Scope	Variable	Description	Sample num-value	Sample str-value
Tweaks	archives	General	Archive_count_nccm	Maximum number of archives to maintain for NCCMdb archives. Default is 15	15	
Tweaks	archives	General	Archive_count_yce	Maximum number of archives to maintain for YCEdb archives. Default is 15	15	
Tweaks	custom reports	General	AllowCustomReportsDecrypt	Custom reports will decrypt passwords only for those user-levels present in String (eg: '456')		456
Tweaks	custom reports	General	Email_report_body_limit	Emailed custom reports are truncated to “Numeric value” lines. Use “0” for none. Attached CSV file is never truncated	5	
Tweaks	evpn	General	Evpn_cores	A ' '-separated list of EVPN cores to choose from in the Evpn form		asd-cr01 asd-cr002
Tweaks	evpn	General	Show_Evpn	If set to 1, evpn details get shown	0	
Tweaks	gui	General	AllowTemplateEdit	When number set <>0, editing of production template revision is allowed	1	
Tweaks	gui	General	Allow_custom_device_types	When set to 1, users are allowed to add custom device types for the OS repository. When set to 0, they can only use values that already exist	0	

Class	Type	Scope	Variable	Description	Sample num-value	Sample str-value
Tweaks	gui	General	Change_hostname	When <> 0, a Hostname change is not restricted to its node-type function	0	
Tweaks	gui	General	Default_site_status	Num_value defines the initial site status (1=active, 2=planned, 0=obsolete, ..)	2	
Tweaks	gui	General	Filter_cmdb_nodes	Main Node grid will filter (hide) CMDb nodes when Num_val > 0	1	
Tweaks	gui	General	Landing_page	Specifies the default landing page for the frontend: 'yce' or 'cmdb'.		yce
Tweaks	gui	General	Login_legal_message	You can set the num value of this tweak to 1 to display a legal message on the bottom of the login page. It supports html tags.	0	
Tweaks	gui	General	Main_substring_search	Main Search will treat non-wildcard values as substring searches when Num_val > 0	1	
Tweaks	gui spc	General	Show_newsite_bkcode	List of Client_types for which the "BK-code" option will be shown (comma separated)	1	RN
Tweaks	gui spc	General	Show_newsite_rn2subnet	List of Client_types for which the "RN2 subnet" option will be shown (comma separated)	0	RN
Tweaks	ipsec	General	Ipsec_delete_full	Delete GRE tunnels alongside IPsec tunnels	1	
Tweaks	ipsec	General	Ipsec_first_free	The Site_id for a new IPsec tunnel	1	
Tweaks	jobs	General	Commit_pending_policy	When Num_value set to 1, commit based vendors will issue commit commands during command jobs: in case this is not desired set the Num_value to 0	1	
Tweaks	jobs	General	Sched_ignore_locks	Scheduler will not wait for jobs running on same node when Num_value > 0	0	-
Tweaks	jobs	General	Send_email_to	Set to 'user', 'group' or 'both'. When set to 'user' and user-email is blank, use group-email	0	Both
Tweaks	jobs	General	Use_hpc7_mgmt_vrf	Comware7 management VRF workaround	1	DC_CE
Tweaks	logs	General	Age_action_logs	do not keep Action_log entries older than Num_value days. Default = 400	365	-
Tweaks	logs	General	Age_config_logs	do not keep Config_log entries older than Num_value days. Default = 100	365	-
Tweaks	logs	General	Age_custom_reports	do not keep Custom reports older than Num_value days. Default = 30	30	-

Class	Type	Scope	Variable	Description	Sample num-value	Sample str-value
Tweaks	logs	General	Age_nccm_data	do not keep NCCM entries older than Num_value days. Default = 800	800	-
Tweaks	logs	General	Age_node_logs	do not keep Node_log entries older than Num_value days. Default = 400	365	-
Tweaks	logs	General	Age_result_files	do not keep Job log files older than Num_value days. Default = 30	30	-
Tweaks	logs	General	Age_task_logs	do not keep Task_log entries older than Num_value days. Default = 100	365	-
Tweaks	logs	General	Age_temp_files	do not keep temp files older than Num_value days. Default = 15	15	-
Tweaks	logs	General	Export_action_logs	When number set to 1, the Action_logs (users) will be exported to log files	1	-
Tweaks	logs	General	Export_config_logs	When number set to 1, the Config_logs (jobs) will be exported to log files	1	-
Tweaks	logs	General	Export_task_logs	When number set to 1, the Task_logs (api) will be exported to log files	1	-
Tweaks	nms spc	General	SolarWinds_decomm_period	SolarWinds delayed delete period in days	7	-
Tweaks	service-types	General	Keep_unresolved_st_variables	Service_type variables that cannot be resolved will be not be set to blank values when Num <> 0	0	-
Tweaks	service-types	General	Remove_deleted_supernets	Supernets (v4/v6) will be deleted when number set <>0, rather than set 'free' for reuse or reservations. Deletes ALL currently 'free'	0	-
Tweaks	service-types	General	ServiceDeleteCheckTopo	When <> 0, the Delete Service will abort if topology exists to outside this service	0	-
Tweaks	debug	General	Debug_max_days	Maximum age in days before ending any NetYCE debug mode. Default = 1 day (24h), Forever = 0	1	-
Tweaks	templates	General	Template_markers	When Num_value equals 1 - print 'start' template; when 2 - also include 'done'; when 3 - also include 'resume'	3	<current_template> <current_vendor> <client_type>
Tweaks	topology	General	Allow_topo_multipoint	For Client_type in <String>, permit Service_type to add many topo links on a port when <Num> not 0	1	FP
Tweaks	accounts	General	Ldap_idle_account_age	When Num value > 0, idle LDAP accounts will be removed if the last-login date exceeds this many days. Default is 0, skipping idle aging	0	-

Class	Type	Scope	Variable	Description	Sample num-value	Sample str-value
Tweaks	cmpl	Compliance	Cmpl_batch_size	Maximum number of nodes the compliance process will pick up at once. Default = 1000	1000	-
Tweaks	cmpl	Compliance	Cmpl_censor_config	Should compliance be run on censored (1), or uncensored (0) configs?	0	
Tweaks	cmpl	Compliance	Cmpl_cmd_rule_update	Flag to signify a cmpl command rule check	0	
Tweaks	cmpl	Compliance	Cmpl_default_report_type	The default report type for report templates (0-3)	1	
Tweaks	cmpl	Compliance	Cmpl_node_limit	-	6000	
Tweaks	cmpl	Compliance	Cmpl_policy_schedule_update	Flag to signify a cmpl policy schedule check without a config change	0	
Tweaks	cmpl	Compliance	Cmpl_policy_update	Flag to signify a cmpl policy check without a config change	0	
Tweaks	cmpl	Compliance	Default_signal_trigger	Default signal trigger: Non-compliant to Compliant	0	NC2C
Tweaks	cmpl	Compliance	Default_signal_trigger	Default signal trigger: Non-compliant to Non-compliant	0	NC2NC
Tweaks	cmpl	Compliance	Default_signal_trigger	Default signal trigger: Compliant to Compliant	0	C2C
Tweaks	cmpl	Compliance	Default_signal_trigger	Default signal trigger: Compliant to Non-compliant	1	C2NC
Tweaks	cmpl	Compliance	Default_signal_type	Default signal type	1	Trap
Tweaks	nccm	Compliance	Delete_polling_group	Whenever you delete a polling group, 0: delete all its nodes from Nccm_selection or 1: delete only nodes that do not belong to a polling group anymore	1	
Tweaks	nccm	Compliance	Nccm_batch_size	Maximum number of nodes the backup poller process will pick up at once. Default = 200	200	-
Tweaks	nccm	Compliance	Nccm_max_age	Maximum age in days of a base-configuration. Set the Num_value. Default = 7	7	-
Tweaks	nccm	Compliance	Nccm_max_diffs	Maximum number of stored config-diffs before a new base-config is created. Set Num_value. Default = 36	36	-
Tweaks	nccm	Compliance	Nccm_max_diff_size	Maximum size in bytes of a config-diff before a new base-config is created. Set Num_value. Default = 8192	8192	-
Tweaks	nccm	Compliance	Nccm_node_limit	Maximum number of nodes that will be polled for backups each cycle. Set Num_value. Default = 3000	3000	-
Tweaks	nccm	Compliance	Nccm_stats	Set to 1 to collect statistics (in the file logs/yce_nccmd_stats.log) for the nccm daemon	0	

Class	Type	Scope	Variable	Description	Sample num-value	Sample str-value
Tweaks	nccm	Compliance	Nccm_truncate_length	When viewing a config in the NCCM the config is truncated at a default of 2000 lines	2000	-
Tweaks	nccm	Compliance	Polling_interval_translations	Translations for polling intervals for polling groups, from hours to readable strings. Num_value is the default	24	1,1h 2,2h 4,4h 8,8h 12,12h 24,1d 48,2d 120,5d 168,1w 336,2w 504,3w 672,4w
Tweaks	cmpl	Compliance	Cmpl_max_children	Compliance max children	3	*
Tweaks	cmpl	Compliance	Default_cmpl_rule_severity	Default severity for compliance rules (Medium)	1	
Tweaks	nccm	Compliance	Nccm_max_children	Nccm daemon max children alive at the same time	3	*
Tweaks	nccm	Compliance	Nccm_poll_interval	Nccm daemon poll cycle length	300	*

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Permanent link:

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