

Advanced Configuration Settings

Although you can alter most of the OnApp settings via the Control Panel user interface, there are some options that can be edited only in the `on_app.yml` file. You can use the Advanced Configuration Settings section to modify the OnApp configuration settings. This section contains the list of parameters you can edit in the `on_app.yml` file with their default values.

We recommend to make a copy of the configuration file before making any changes.

Parameter	Default value
<code>log_path</code>	<code>/onapp/interface/log/onapp.log</code>
<code>background_process_log_path</code>	<code>/onapp/interface/log</code>
<code>background_process_pid_path</code>	<code>/onapp/interface/tmp/pids</code>
<code>private_key_path</code>	<code>/onapp/interface/config/keys/private</code>
<code>public_key_path</code>	<code>/onapp/interface/config/keys/public</code>
<code>ssh_port</code>	22
<code>use_ssh_file_transfer</code>	false
<code>ssh_file_transfer_server</code>	127.0.0.1
<code>ssh_file_transfer_user</code>	root
<code>ssh_file_transfer_options</code>	<code>-o StrictHostKeyChecking=no -o UserKnownHostsFile=/dev/null-o PasswordAuthentication=no</code>
<code>template_path</code>	<code>/onapp/templates</code>
<code>recovery_templates_path</code>	<code>/onapp/tools/recovery</code>
<code>mount_iso_path</code>	<code>/onapp/iso</code>
<code>backups_path</code>	<code>/onapp/backups</code>
<code>database_backups_path</code>	<code>/onapp/database_backups</code>
<code>remove_backups_on_destroy_vm</code>	true
<code>data_path</code>	<code>/onapp/data</code>
<code>update_server_url</code>	<code>http://repo.onapp.com/</code>
<code>dashboard_host</code>	127.0.0.1
<code>license_key</code>	
<code>generate_comment</code>	Automatically generated by OnApp (%s)
<code>graph_frequencies</code>	<code>[[hourly, 4000], [daily, 100000], [weekly, 800000], [monthly, 3200000], [yearly, 40000000]]</code>
<code>use_nbd</code>	true
<code>simultaneous_backups</code>	2
<code>simultaneous_backups_per_datastore</code>	2
<code>simultaneous_backups_per_hypervisor</code>	1
<code>simultaneous_transactions</code>	3
<code>cpu_guarantee</code>	false
<code>enable_huge_pages</code>	false
<code>schedule_failure_count</code>	100
<code>remote_access_session_start_port</code>	30000
<code>remote_access_session_last_port</code>	30099
<code>ajax_power_update_time</code>	8000
<code>ajax_pagination_update_time</code>	9000

hypervisor_live_times	12
guest_wait_time_before_destroy	60
disable_hypervisor_failover	false
allow_hypervisor_password_encryption	false
system_email	app@onapp.com
system_support_email	support@onapp.com
system_host	onapp.com
system_notification	true
ips_allowed_for_login	should be empty to allow all or string with IPs comma-separated, like 1.1.1.1, 2.2.2.2, 2.3.3.3
enable_ipv6	true
remove_old_root_passwords	false
pagination_max_items_limit	100
monitis_path	/usr/local/monitis
monitis_account	monitis@onapp.com
locales	[en]
default_firewall_policy	ACCEPT
app_name	OnApp
show_ip_address_selection_for_new_vm	false
backup_taker_delay	5
cdn_sync_delay	1200
billing_stat_updater_delay	5
zombie_disk_space_updater_delay	300
cluster_monitor_delay	15
hypervisor_monitor_delay	5
schedule_runner_delay	5
transaction_runner_delay	5
zombie_transaction_time	20
kms_server_host	
kms_server_port	1
ip_range_limit	1000
same_autoscaleout_nodes_virtualization_system	true
dns_enabled	false
enabled_libvirt_anti_spoofing	false
allow_start_vms_with_one_ip	true
allow_initial_root_password_encryption	false
wipe_out_disk_on_destroy	false
password_enforce_complexity	true
password_minimum_length	12
password_upper_lowercase	true
password_letters_numbers	true
password_symbols	true

password_force_unique	true
password_lockout_attempts	3
password_expiry	1
password_history_length	12
force_windows_backups	false
cloud_boot_enabled	false
nfs_root_ip	192.168.1.1
cloud_boot_target	192.168.1.1
storage_enabled	false
prefer_local_reads	false
vmware_cluster_name	OnApp
service_account_name	onapp
system_alert_reminder_period	60
archive_stats_period	3
is_archive_stats_enabled	false
wrong_activated_logical_volume_minutes	60
use_html5_vnc_console	false
use_rrd_for_statistic_tables	true
partition_align_offset	2048

SNMP Statistics

Parameter	Default value
server_community	onapp
snmp_timeout	2
snmp_connect_retries	3
snmp_stats_level1_period	10
snmp_stats_level2_period	60
snmp_stats_level3_period	120
snmp_max_recv_bytes	100000
snmp_stats_protocol	udp



Both TCP and UDP protocols are enabled on hypervisors by default. You can select the preferred protocol by changing the snmp_stats_protocol parameter value.

VMware Statistics

Parameter	Default value
vmware_stats_level1_period	60
vmware_stats_level2_period	180
vmware_stats_usage_interval	20

SolidFire Statistics

Parameter	Default value
solidfire_stats_usage_interval	120