module > repository

Manage Repositories

Synopsis

- Create and manage repositories

Requirements

- requests

Parameters

Parameter	Choices/Defaults	Comments
ansible_collection_requirements string		Contents of requirement yaml file to sync from URL
arch string		Architecture of content in the repository Set to noarch to disable the architecture restriction again.
auto_enabled boolean	**Choices:** ● no ● yes	repositories will be automatically enabled on a registered host subscribed to this product
checksum_type string	**Choices:** ● sha1 ● sha256	Checksum of the repository

content_type string / required	**Choices:** - deb - docker - file - ostree - puppet - yum - ansible_collection	The content type of the repository
deb_architectures string		comma separated list of architectures to be synced from deb-archive only available for *content_type=deb*
deb_components string		comma separated list of repo components to be synced from deb-archive only available for *content_type=deb*
deb_errata_url string		URL to sync Debian or Ubuntu errata information from only available on Orcharhino only available for *content_type=deb*
deb_releases string		comma separated list of releases to be synced from deb-archive only available for *content_type=deb*
description string		Description of the repository
docker_tags_whitelist list / elements=string		list of tags to sync for Container Image repository only available for *content_type=docker*
docker_upstream_name string		name of the upstream docker repository

		only available for *content_type=docker*
download_concurrency integer		download concurrency for sync from upstream as the API does not return this value, this will break idempotence for this module
download_policy string	**Choices:** ● background ● immediate ● on_demand	download policy for sync from upstream
gpg_key string		Repository GPG key
http_proxy string		Name of the http proxy to use for content synching Should be combined with *http_proxy_policy='use_selected_http_proxy'*
http_proxy_policy string	**Choices:** ● global_default_http_proxy ● none ● use_selected_http_proxy	Which proxy to use for content synching
ignorable_content list / elements=string		List of content units to ignore while syncing a yum repository. Must be subset of rpm,drpm,srpm,distribution,erratum.
ignore_global_proxy boolean	**Choices:** ● no ● yes	Whether content sync should use or ignore the global http proxy setting This is deprecated with Katello 3.13

		It has been superseeded by *http_proxy_policy*
label string		label of the repository
mirror_on_sync boolean	**Choices:** ● no ● yes ←	toggle "mirror on sync" where the state of the repository mirrors that of the upstream repository at sync time
name string / required		Name of the repository
organization string / required		Organization that the entity is in
os_versions list / elements =string	**Choices:** ● rhel-6 ● rhel-7 ● rhel-8	Identifies whether the repository should be disabled on a client with a non-matching OS version. A maximum of one OS version can be selected. Set to `[]` to disable filtering again.
password string / required		Password of the user accessing the Foreman server. If the value is not specified in the task, the value of environment variable `SATELLITE_PASSWORD` will be used instead.
product string / required		Product to which the repository lives in
server_url string / required		URL of the Foreman server. If the value is not specified in the task, the value of environment variable `SATELLITE_SERVER_URL` will be used instead.

ssl_ca_cert string		Repository SSL CA certificate
ssl_client_cert string		Repository SSL client certificate
ssl_client_key string		Repository SSL client private key
state string	**Choices:** ● present ← ● present_with_defaults ● absent	State of the entity present_with_defaults will ensure the entity exists, but won't update existing ones
unprotected boolean	**Choices:** ● no ● yes	publish the repository via HTTP
upstream_password string		password to access upstream repository
upstream_username string		username to access upstream repository
url string		Repository URL to sync from
username string / required		Username accessing the Foreman server. If the value is not specified in the task, the value of environment variable SATELLITE_USERNAME will be used instead.
validate_certs boolean	**Choices:** ● no ● yes ←	Whether or not to verify the TLS certificates of the Foreman server.

		If the value is not specified in the task, the value of environment variable `SATELLITE_VALIDATE_CERTS` will be used instead.
verify_ssl_on_sync boolean	**Choices:** ● no ● yes	verify the upstream certifcates are signed by a trusted CA

Notes

- You can configure certain aspects of existing Red Hat Repositories (like *download_policy*) using this module, but you can't create (enable) or delete (disable) them.
- If you want to enable or disable Red Hat Repositories available through your subscription, please use the redhat.satellite.repository_set module instead.

Examples

```
- name: "Create repository"
  redhat.satellite.repository:
    username: "admin"
    password: "changeme"
    server_url: "https://satellite.example.com"
    name: "My repository"
    state: present
    content_type: "yum"
    product: "My Product"
    organization: "Default Organization"
    url: "http://yum.theforeman.org/plugins/latest/el7/x86_64/"
    mirror_on_sync: true
    download_policy: background

- name: "Create repository with content credentials"
  redhat.satellite.repository:
    username: "admin"
    password: "changeme"
    server_url: "https://satellite.example.com"
    name: "My repository 2"
    state: present
    content_type: "yum"
    product: "My Product"
    organization: "Default Organization"
    url: "http://yum.theforeman.org/releases/latest/el7/x86_64/"
    download_policy: background
    mirror_on_sync: true
    gpg_key: RPM-GPG-KEY-my-product2
```

Return Values

Key	Returned	Description
entity (dict)	success	Final state of the affected entities grouped by their type.
repositories (list)		List of repositories.