SUBSCRIPTION-MANAGER COMMAND CHEAT SHEET

for Red Hat Enterprise Linux

SUBSCRIPTION-MANAGER QUERIES

SUBCOMMAND	DESCRIPTIONS AND TASKS
-h or --help	Prints the specific help information for the given command
	subscription-manager attach --help Gives the help information for the **attach** command

Primary Modules

REGISTER A NEW SYSTEM TO THE SUBSCRIPTION-MANAGER SERVICE

SUBCOMMAND	DESCRIPTIONS AND TASKS
register	Registers this system to the Customer Portal or another subscription management service
	subscription-manager register ** **--username=jo@example.com Gives the username for the account which is registering the system (required if not using activation key)
	subscription-manager register ** **--password=MyKul22pwd Gives the user account password (required if not using activation key)
	subscription-manager register ** **--serverurl=host.example.com Registers system with host other than subscription.rhn.redhat.com
	subscription-manager register ** **--baseurl=https://host:8088/sam Passes the name of the content delivery service to configure the yum service to use to pull down packages
	subscription-manager register ** **--name=host.example.com Sets the name of the system to register (defaults to hostname)
	subscription-manager register ** **--consumerid=12345d6d-83ed-44f8-99bf-14f605bbeXXX References an existing system inventory ID to re-register a system
	subscription-manager register ** **--activationkey=Example_Key1 Gives a comma-separated list of product keys to use to redeem or apply specific subscriptions to the system
	subscription-manager register --auto-attach Automatically attaches the best-matched, compatible subscriptions to this system
	subscription-manager register --auto-attach ** **--servicelevel=standard Sets the service level (standard, premium, or self-support) to use with subscriptions
	subscription-manager register --force Registers the system even if it is already registered
	subscription-manager register --org=Example_Org1 Assigns the system to an organization
	subscription-manager register ** **--environment=Example_Env Registers the system to an environment within an organization
	subscription-manager register --proxy=host:3128 ** **--proxyuser=jo --proxypass=MyKul22pwd Registers system via a proxy server

LIST SUBSCRIPTION AND PRODUCT INFORMATION FOR THE SYSTEM

SUBCOMMAND	DESCRIPTIONS AND TASKS
list	Lists subscription and product information for this system
	subscription-manager list --available Lists available subscriptions not yet attached to the system
	subscription-manager list --available --all Lists all possible subscriptions that have been purchased, even if they do not match the system architecture
	subscription-manager list --available ** **--match-installed Shows only subscriptions matching products that are currently installed
	subscription-manager list --available ** **--no-overlap Shows pools which provide products that are not already covered
	subscription-manager list --available ** **--ondate=2016-12-25 Sets the date to use to search for active and available subscriptions
	subscription-manager list --consumed Lists all subscriptions currently attached to the system
	subscription-manager list --installed Lists products (subscribed or not) currently installed on the system.

ATTACH OR AUTO-ATTACH A SUBSCRIPTION TO THE SYSTEM

SUBCOMMAND	DESCRIPTIONS AND TASKS
attach	Attaches a specified subscription to the registered system
	subscription-manager attach ** **--pool=8af5f9643d4ade76013123451f6e495d Gives the ID for the subscriptions pool (collection of products) to attach to the system (required unless using --auto)
	subscription-manager attach --quantity=1 Sets the number of subscriptions attached to the system (default 1)
	subscription-manager attach --auto Automatically attaches the best-matched compatible subscriptions to the system
	subscription-manager attach ** **--servicelevel=standard Sets the service level (standard, premium, or self-support) for subscriptions attached to the system
auto-attach	Sets whether the ability to check, attach, and update subscriptions occurs automatically on the system every four hours
	subscription-manager auto-attach --enable Enables the auto-attach option for the system
	subscription-manager auto-attach --show Shows whether auto-attach is enabled on the systems
	subscription-manager auto-attach --disable Disables the auto-attach option for the system

PULL LATEST SUBSCRIPTION DATA FROM SERVER

SUBCOMMAND	DESCRIPTIONS AND TASKS
refresh	Pulls the latest subscription data from the server

Primary Modules (cont.)

SHOW STATUS INFORMATION FOR THIS SYSTEM'S SUBSCRIPTIONS AND PRODUCTS

SUBCOMMAND	DESCRIPTIONS AND TASKS
status	Shows the current status of the products and attached subscriptions for the system

UNREGISTER AND REMOVE SUBSCRIPTIONS FROM THE SYSTEM

SUBCOMMAND	DESCRIPTIONS AND TASKS
unregister	Unregister this system from the Customer Portal or another subscription management service

remove	Removes a subscription from the system, but does **not** uninstall the associated products
	
	`subscription-manager remove \`
	`  --serial=5282836853581912345`
	Gives the serial number of the subscription certificate for the specific product to remove from the system
	
	`subscription-manager remove --all`
	Removes **all** of the subscriptions attached to a system

clean	Removes all local system and subscription data **without** affecting the server (effectively doing an unregister and remove)

Other Modules

SUBCOMMAND	DESCRIPTIONS AND TASKS

config	Changes settings in the **rhsm.conf** configuration file
	
	`subscription-manager config --list`
	Prints the current configuration for Subscription Manager
	
	`subscription-manager config \`
	`  --remove=server.proxy_port`
	Deletes the current value for the proxy_port without supplying a new parameter (server can be rhsm or rhsmcertd instead)
	
	`subscription-manager config \`
	`  --server.proxy_port=999`
	Sets proxy_port value in [server] section to 999

environments	Lists all the environments configured for an organization with a locally-hosted subscription or content service, such as Subscription Asset Manager
	
	`subscription-manager environments \`
	`  --username=jo@example.com`
	Gives the username for the account to use to connect to the organization account.
	
	`subscription-manager environments \`
	`  --password=MyKul22pwd`
	Gives the user account password
	
	`subscription-manager environments \`
	`  --org=Example_Org1`
	Identifies the organization for which to list the configured environments

facts	Lists the system information, such as release version, number of CPUs, and other architecture information
	
	`subscription-manager facts --list`
	Lists the system information
	
	`subscription-manager facts --update`
	Updates the system information

SUBCOMMAND	DESCRIPTIONS AND TASKS

import	Imports and applies an externally generated subscription certificate (useful for subscribing disconnected systems)
	
	`subscription-manager import \`
	`  --certificate=/path/to/cert.pem`
	Points to a certificate PEM file containing the subscription certificate

identity	Lists the system identity, name, organization name and organization ID
	
	`subscription-manager identity \`
	`  --regenerate`
	Requests that the subscription management service issue a new identity certificate for the system, using an existing UUID in the original identity certificate
	
	`subscription-manager identity \`
	`  --regenerate --force`
	Regenerates the identity certificate for the system using username/password authentication

orgs	Lists all the organizations associated with an account
	
	`subscription-manager orgs \`
	`  --serverurl=host.example.com`
	Passes the name of the subscription service to use to list all available organizations

plugins	Lists the available subscription-manager plugins
	
	`subscription-manager plugins --list`
	Lists the available subscription-manager plugins
	
	`subscription-manager plugins --listslots`
	Lists the available plugin slots
	
	`subscription-manager plugins --listhooks`
	Lists the available plugin slots and the hooks that handle them
	
	`subscription-manager plugins --verbose`
	Shows other plugins data, such as plugin configuration values

redeem	For systems purchased from third-party vendors that include a subscription, the redemption process auto-attaches the pre-selected subscription that the vendor supplied to the system.
	
	`subscription-manager redeem \`
	`  --email=jo@example.com`
	Gives the email account to send the redemption notification message to
	
	`subscription-manager redeem --locale=en-us`
	Sets the local language to use for email notification
	
	`subscription-manager redeem \`
	`  --org=Example_Org1`
	Identifies the organization which issued the subscription being redeemed

release	Sets a sticky OS version to use when installing or updating packages
	
	`subscription-manager release --list`
	Lists the available OS versions
	
	`subscription-manager release --set=6.3`
	Sets the minor (Y-stream) release version to use (6.3)
	
	`subscription-manager release --unset`
	Removes any previously set release version preference

Other Modules (cont.)

SUBCOMMAND	DESCRIPTIONS AND TASKS
`repo-override`	Manage custom content repository settings

	`subscription-manager repo-override \`
	`  --repo=rhel-7-workstation-htb-rpms`
	Selects the repository to modify (can be specified more than once)

	`subscription-manager repo-override \`
	`  --add=enabled:1`
	Adds a named override with the provided value, separated by a colon, to repos specified (used with the **--repo** option)

	`subscription-manager repo-override \`
	`  --remove=enabled`
	Removes a named override from the repos specified with the **--repo** option

	`subscription-manager repo-override \`
	`  --remove-all`
	Removes all overrides from repos specified with the **--repo** option

	`subscription-manager repo-override --list` Lists all overrides from repos specified with the **--repo** option
`repos`	Lists all the repositories available to a system (for organizations with a locally-hosted content service, such as Subscription Asset Manager
	`subscription-manager repos --list` Lists all repositories provided by the content service that the system uses

	`subscription-manager repos \`
	`  --enable=rhel-7-server-supplementary-rpms`
	Enables the specified repository, made available by the content sources identified in the system subscriptions

	`subscription-manager repos \`
	`  --disable=rhel-7-server-supplementary-rpms`
	Disables the specified repository, made available by the content sources identified in the system subscriptions

`service-level`	Displays the current configured service level preference (standard, premium, or self-support) for products installed on the system
	`subscription-manager service-level --list` Lists the available service levels
	`subscription-manager service-level --show` Shows the system's current service-level preference
	`subscription-manager service-level --unset` Removes any previously set service level preference
`version`	Displays version information about the subscription management service and packages

MORE SUBSCRIPTION-MANAGER RELATED COMMANDS

SUBCOMMAND	DESCRIPTIONS AND TASKS
`rct`	Displays contents of a certificate or manifest
	`rct cat-cert /etc/pki/tls/cert.pem` Displays contents of cert.pem file
`rhsm-debug`	Lists information about subscribed system
	`rhsm-debug system` Lists subscription information for local system

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