NAME
expand_hcpcs_support.sh − expand HCP CS support bundles and generate Prometheus healthcheck configs

SYNOPSIS
Full mode (expand + healthcheck generation)

expand_hcpcs_support.sh [−**r** *dir*] [−**f** *archive*] . . . [−**−no−healthcheck**] [−**o** *version*] [−**s** *host*] [−**p** *port*] [−**d** *dir*] [−**e**]

Healthcheck-only mode (update existing healthcheck.conf)

expand_hcpcs_support.sh −−healthcheck−only −u [−**p** *port*] [−**s** *host*] [−**o** *version*] [−**f** *conf*]

Healthcheck-only mode (generate config from a psnap)

expand_hcpcs_support.sh −−healthcheck−only −P *psnap.tar.xz* [−**p** *port*] [−**s** *host*] [−**u**]

DESCRIPTION
expand_hcpcs_support.sh has two operating modes:

Full mode (default)

Searches −−*root−dir* for *supportLogs_*.tar.xz* archives and extracts each one into a timestamped subdirectory. Any **Prometheus*.tar.xz* files found are renamed to the standard *psnap_YYYY-Mon-DD_HH-MM-SS.tar.xz* convention. For each psnap a *healthcheck.conf* is written containing the Prometheus connection parameters needed by **runchk.sh**.

The HCP CS product version is auto-detected from *setup.json* inside the extracted archive. Use −**o** to override it.

When more than one psnap resides in the same SupportLog directory the first uses *healthcheck.conf* and subsequent ones use *healthcheck.conf−YYYY-MM-DDTHH:MM:SS*.

Healthcheck-only mode (−−healthcheck−only)

No extraction is performed. The mode has two sub-cases:

With −P *psnap*

Generates a fresh *healthcheck.conf* for the given psnap file and moves the psnap into the correct SupportLog directory if it is not already there. Add −**u** to update an existing config rather than overwriting it.

With −u (no −P)

Updates the existing *healthcheck.conf* in the current directory (or the path given with −**f**), changing only the fields explicitly provided on the command line (−**p**, −**s**, −**o**, −**d**). All other fields are preserved exactly as written. This is the form used in Step 4 of the standard workflow.

OPTIONS
Core options

−**r**, −−**root−dir** *DIR*

Root directory to search for support log archives. Default: .

−−**no−healthcheck**

Unpack support logs but skip *healthcheck.conf* generation for all psnap files.

−−**healthcheck−only**

Do not unpack anything; only operate on healthcheck configuration. Requires either −**P** or −**u**.

−**u**, −−**update**

In −−**healthcheck−only** mode: update an existing *healthcheck.conf* instead of overwriting it. Only fields explicitly supplied on the CLI are changed.

−**P**, −−**psnap** *FILE*

Prometheus snapshot archive to process in −−**healthcheck−only** mode.

Healthcheck options

−**o**, −−**os_version** *VER*

HCP CS version string (e.g. *2.6.0*). Overrides the value auto-detected from *setup.json* inside the extracted archive.

−s, **−−prom_server** *HOST*
>   Prometheus server hostname or IP address. Default: *127.0.0.1*

−p, **−−port** *PORT*
>   Prometheus server port. Default: *9090*

−d, **−−dir** *DIR*
>   Installation directory for the health check scripts, written into *healthcheck.conf* as *_install_dir*.
>   Default: */usr/local/bin/*

−f, **−−file** *FILE*
>   In **full** mode: a specific support log archive to process (may be repeated to process multiple
>   archives explicitly instead of auto-discovery).
>   In **−−healthcheck−only** mode: path to the *healthcheck.conf* file to create or update. Default:
>   *healthcheck.conf*

Space-estimation options

−e, **−−estimate**
>   Before extracting, check available free space and warn or abort if insufficient.

−−estimate−only
>   Print space estimates but do not extract anything.

−−no−space−check
>   Disable free-space checking even when **−e** was specified.

Other

−h, **−−help**
>   Print a usage summary and exit.

−V, **−−version**
>   Print the script version and exit.

EXIT STATUS

0   Success.

1   A required argument was missing, a file was not found, or an unexpected error occurred.

FILES

supportLogs_*.tar.xz
>   Support log archives discovered and extracted by full mode.

Prometheus.tar.xz
>   Prometheus snapshot archives renamed to *psnap_*.tar.xz* by full mode.

psnap_YYYY-Mon-DD_HH-MM-SS.tar.xz
>   Normalised Prometheus snapshot filename.

healthcheck.conf
>   Generated or updated Prometheus connection parameter file consumed by **runchk.sh**.

setup.json
>   Cluster setup file inside the extracted support bundle; used for automatic HCP CS version detec-
>   tion.

EXAMPLES

Expand a full support bundle
```
expand_hcpcs_support.sh -r /ci/05304447
```

Expand but skip healthcheck generation
```
expand_hcpcs_support.sh -r /ci/05304447 --no-healthcheck
```

Generate a fresh healthcheck.conf for a specific psnap
```
expand_hcpcs_support.sh --healthcheck-only \
    -P psnap_2025-Nov-26_20-48-48.tar.xz -p 9092
```

Update only the port in an existing healthcheck.conf (Step 4 of workflow)
```
expand_hcpcs_support.sh --healthcheck-only -u -p 9092
```

Update port and server address
```
expand_hcpcs_support.sh --healthcheck-only -u -p 9092 -s 192.0.2.10
```

SEE ALSO
gsc_prometheus(1), **runchk**(1), **hcpcs−health−check**(7)

AUTHORS
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